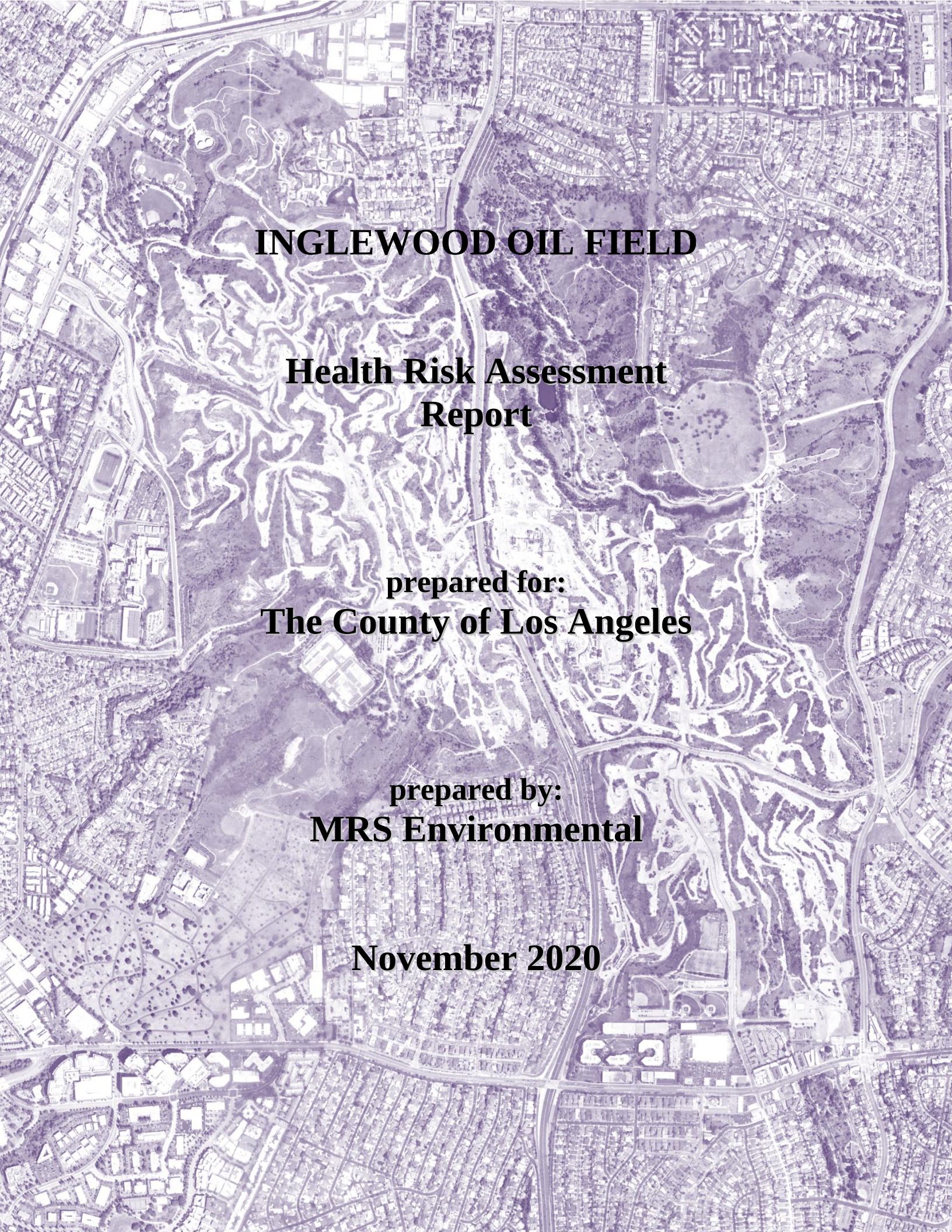

INGLEWOOD OIL FIELD

Health Risk Assessment Report

prepared for:
The County of Los Angeles

prepared by:
MRS Environmental

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Attachment A: HRA Review Checklist and the Health Risk Assessment Summary Form

Attachment B: Detailed Equipment and Emissions Listings: 2019 Scenario Operations

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Attachment D: Source Test Files

Attachment E: Modeling Results Files by Receptor

DEFINITIONS, ACRONYMS AND ABBREVIATIONS

Acute Health Impacts	Non-cancer health impacts for short-term, one-hour peak exposures to potential facility emissions. The total sum of the ratio of concentrations of each toxic air contaminant to its acute reference exposure level (REL).
Chronic Health Impacts	Non-cancer health impacts for long-term exposure to potential facility emissions. The total sum of the ratio of concentrations of each toxic air contaminant to its chronic reference exposure level (REL).
8-Hour Chronic Health Impacts	The ratio of the predicted air toxic exposure to the air concentrations at or below which health impacts would not be expected with repeated daily 8- hour exposures over a significant fraction of a lifetime. The 8-hour noncancer hazard index is considered a chronic risk as it uses an 8-hour concentration that represents the long-term average of repeated 8-hour daily averages that occur.
Cancer Risk	The health risk associated with long-term exposures resulting from emissions of carcinogenic agents.
AB 2588	Assembly Bill 2588
AE	Annual Emissions
AER	Annual Emissions Report
AERMOD	American Meteorological Society/Environmental Protection Agency regulatory air dispersion model
ARB	California Air Resources Board
BL	Breathing Loss
BPIP	Building Profile Input Program
CE	Control Efficiency
CSF	Cancer Slope Factor
DICE	Diesel Internal Combustion Engines
DPM	Diesel Particulate Matter
EF	Emission Factor
EPA	U.S. Environmental Protection Agency
HARP2	Hot Spots Analysis and Reporting Program 2
HI	Hazard Index
HRA	Health Risk Assessment
ICE	Internal Combustion Engine
lb	Pound
lb/lb-mol	Pound per Pound Mole
lb/MMscf	Pounds per Million Standard Cubic Feet
m	Meter
MEIR	Maximally Exposed Individual Resident
MEIW	Maximally Exposed Individual Worker
MHE	Maximum Hourly Emissions
MSDS	Material Safety Data Sheet
µg/m3	Micrograms per Cubic Meter

NOx	Oxides of Nitrogen
OEHHA	Office of Environmental Health Hazard Assessment
PF	Potency Factor
PM	Particulate Matter
PM10	Particulate Matter less than 10 Microns in Diameter
PMI	Point of Maximum Impact
Ppmv	Parts per Million by Volume
REL	Reference Exposure Level
RY	Reporting Year
SCAQMD	South Coast Air Quality Management District
scf/lb-mol	Standard Cubic Feet per Pound Mole
scfm	Standard Cubic Feet per Minute
SOx	Oxides of Sulfur
TAC	Toxic Air Contaminant
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound
WL	Working Loss

Summary

The Inglewood Oil Field (IOF) has operated since the discovery of oil and natural gas resources in the area in 1924. Over the field's history 1,600 wells have been drilled within the historical boundaries of the field. Today, the oil field's boundary covers approximately 1,000 acres making it one of the largest contiguous urban oil fields in the United States.

Operations at the Inglewood Oil Field create combustion products and fugitive hydrocarbon emissions, and potentially expose the general public and workers to these airborne pollutants as well as the toxic chemicals associated with other aspects of facility operations. The purpose of this analysis is to determine whether a significant health risk would result from the publics continued exposure to these emissions as routinely emitted during project operations.

A health risk assessment (HRA) utilizes emissions levels from the oil field equipment, as reported to the SCAQMD, and operations along with historical site-specific meteorological data and computerized dispersion models to estimate the pollutant concentrations at receptors and the resulting short (acute) or longer term (chronic and cancer) health impacts. There are stringent guidance documents promulgated by the California Office of Health Hazard Assessment (OEHHA) and the South Coast Air Quality Management District (SCAQMD) which were followed in the development of this analysis. The modeling inputs and methodology were reviewed by the SCAQMD (see Section 5.1).

An HRA was prepared in 2008 as part of the oil field Community Standards District (CSD) EIR. This HRA is being prepared to address the changes to the OEHHA HRA guidelines as revised in 2015 and to provide full disclosure to the public and decision makers on the potential impacts of oil field operations. The HRA is a CEQA HRA, as per CAPCOA Land Use guidelines (CAPCOA 2009), which means that, as opposed to an AB2588 HRA, this analysis is more conservative and includes mobile sources that are present at the field. Therefore, this HRA includes all potential sources of Toxic Air Contaminants (TACs) and is the same approach that was utilized in preparing the previous 2008 EIR HRA during the development of the CSD.

This HRA was prepared to address the changes to the OEHHA HRA guidelines (related to childhood exposure calculations and exposure durations, amongst others) as revised in 2015 and to provide full disclosure to the public and decision makers on the potential impacts of oil field operations.

Analysis Scenarios

The analysis examined two operating scenarios: the year 2019 operations and a worst-case future operating scenario. During the year 2019, there was no drilling occurring at the oil field and operations were limited to normal production and maintenance operations. The 2019 operating year with no drilling is typical of recent operating years as the last new well drilled at the oil field was in 2014.

The future worst-case operation scenario assumed the average level of drilling that could occur under the limits of the CSD between 2021 and the end of the CSD in 2028 (46 wells drilled per year), with extensive drilling occurring at the limits allowed by the CSD. The worst-case future scenario assumed that this level of operations would continue into the future, even though potential drilling at the oil field during the post-2028 period are uncertain.

Analysis Results

For both scenarios, the results of the HRA are shown in Table ES.1 below.

For the 2019 operations scenario, the estimated peak risks at the facility boundary would be a peak cancer risk of 5.2 cases per million, and an acute and chronic risk of 0.48 and 0.06 HI, which are below the SCAQMD thresholds for AB2588 facilities, defined as below 10 cancer cases per million and below a Hazard Index (HI) of 1.0. The peak cancer risk at the nearest residence would be 1.0 cancer cases per million, which would be below the SCAQMD AB2588 thresholds.

For the worst-case future operations scenario including drilling of 46 wells per year, the estimated peak cancer risks at the facility boundary (PMI at the fence line) would be 13.8 cancer cases per million, and an acute and chronic HI of 0.55 and 0.18. The cancer risk would be above the SCAQMD thresholds for AB2588 facilities; however, the peak acute and chronic risks would be below the thresholds. The peak cancer risk would occur near Kenneth Hahn Park along the fence line. The peak cancer risk at the nearest residence would be 5.6 cancer cases per million, which would be below the SCAQMD AB2588 thresholds.

Based on the worst-case scenario and the 2019 operational scenario, the level of drilling that would result in peak cancer risk levels below the SCAQMD threshold level would correspond to about 25 wells drilled per year average.

Table ES.1 Risks Results

Location	Location Description	Cancer Risk, per million	Acute Risk, HI	Chronic Risk, HI
2019 Year Operating Scenario				
PMI	Highest value along the oil field fence line	5.2	0.48	0.06
MEIR	Highest value at any residence	1.0	0.09	0.01
MEIW	Peak value at any work location	0.07	0.05	0.003
School	Highest value at any school	0.63	0.04	0.004
Worst-case Future Year Operating Scenario				
PMI	Highest value along the oil field fence line	13.8	0.55	0.18
MEIR	Highest value at any residence	5.6	0.11	0.03
MEIW	Peak value at any work location	0.34	0.05	0.005
School	Highest value at any school	5.1	0.05	0.014

Note: health index (HI), point of maximum impact (PMI), the maximally exposed individual resident (MEIR), the maximally exposed individual worker (MEIW).

1.0 Introduction

The Inglewood Oil Field (IOF) has operated since the discovery of oil and natural gas resources in the area in 1924. Over the field's history 1,600 wells have been drilled within the historical boundaries of the field. Today, the oil field's boundary covers approximately 1,000 acres making it one of the largest contiguous urban oil fields in the United States.

A Community Standards District (CSD) was established at the oil field in 2008 and has been overseen by the County of Los Angeles since. As part of the CSD, an EIR was prepared that included a Health Risk Assessment (HRA). The Inglewood Oil Field was purchased by Sentinel Peak Resources in 2016.

This HRA was prepared to address the changes to the OEHHA HRA guidelines (related to childhood exposure calculations and exposure durations, amongst others) as revised in 2015 and to provide full disclosure to the public and decision makers on the potential impacts of oil field operations. The HRA is a CEQA HRA, as per CAPCOA Land Use guidelines (CAPCOA 2009), which means that, as opposed to an AB2588 HRA, mobile sources that are present at the field are also included. This is the same approach that was utilized in preparing the previous 2008 EIR HRA during the development of the CSD.

This HRA report follows the outline specified in Appendix C of the SCAQMD supplemental risk assessment guidelines for preparing an HRA. The modeling inputs and methodology were reviewed by the SCAQMD (see Section 5.1).

Operations at the Inglewood Oil Field create combustion products and fugitive hydrocarbon emissions, and potentially expose the general public and workers to these airborne pollutants as well as the toxic chemicals associated with other aspects of facility operations. The purpose of this analysis is to determine whether a significant health risk would result from the publics continued exposure to these emissions as routinely emitted during project operations.

The following sections provide a description of facility operations, modeling parameters, area and populations, hazard identification, exposure assessment, risk characterization, and appendices and computer files.

Attachment A includes the HRA Review Checklist and the Health Risk Assessment Summary Form. Attachments B and C include detailed equipment and emissions listing for the 2019 operations and the future worst-case operations. Attachment D includes source test files. Attachment E includes detailed HRA results by receptor and maps showing the receptor locations.

2.0 Facility, Emissions and Modeling Setup

Information on the facility operations, TAC emissions, pathways, dispersion modeling, meteorological data, emissions sources, dose-response and receptor grids are discussed below.

2.1 Description of Facility Operations

Facility information is shown in Table 1 below.

Table 1 Facility Information

Item	Value
Name of facility and the address	5640 S Fairfax Ave, Los Angeles, CA 90056
SCAQMD ID	184301
Area of the field	885 acres (in Los Angeles County and Culver City)
Number of Active Wells	675 Active wells (436 producers, 239 injectors)

Current activities at the Inglewood Oil Field involve extracting oil and gas from subsurface reservoirs located between 500 and 10,000 feet deep, processing the crude oil to remove water and processing the gas to remove hydrogen sulfide and gas liquids. Crude oil is then shipped by pipeline to area refineries to be processed into gasoline and other products. The gas is shipped by pipeline to The Gas Company for end use by consumers and industry or is shipped to area refineries for use in the refining processes. Processing activities at the Inglewood Oil Field include the following:

- Gross Fluid Production Gathering and Testing;
- Crude Oil Handling;
- Water Processing;
- Water Injection;
- Gas Gathering/Gas Processing;
- Well Drilling, Maintenance and Workovers; and
- Ancillary Systems.

2.2 TAC Emissions

Toxic Air Contaminants (TAC) emissions occur from a number of processes and equipment at the oilfield, including the following:

- Drilling rig diesel engines;
- Well maintenance rig diesel engines;
- Emergency generator diesel engine;
- Fire water pump diesel engine;
- Heaters;
- Storage tanks;
- Flare;
- Well heads and associated equipment;
- Well cellars;
- Fugitive components;
- Construction equipment (backhoes, loaders, graders, fork lifts, etc);
- Onsite vehicles, both gasoline and diesel; and
- Onsite fugitive dust.

Emitting substances and emissions levels, both peak hour and annual emissions, are listed in Attachments B and C.

Table 2 below is a summary of the emissions levels for each TAC pollutant.

Table 2 TAC Field-Wide Emissions Levels Summary – 2019 Operations

Pollutant	CAS	All Equipment			
		Annual Pounds	Peak Hour pounds	Annual grams/sec	Peak Hr grams/sec
PAHs [PAH, POM] All except napth	1151	8.0E-01	8.4E-04	1.2E-05	1.1E-04
Silica, crystalline	1175	2.1E+03	1.0E+00	3.0E-02	1.3E-01
Diesel exhaust particulates	9901	1.4E+01	3.9E-01	2.0E-04	5.0E-02
Formaldehyde	50000	4.1E+01	5.2E-02	6.0E-04	6.6E-03
Benzoapyrene	50328	1.8E-05	8.5E-09	2.6E-10	1.1E-09
Carbon tetrachloride	56235	1.1E-05	1.1E-05	1.6E-10	1.4E-06
Benzaanthracene	56553	3.3E-04	1.6E-07	4.7E-09	2.0E-08
Methanol	67561	1.9E-02	1.9E-02	2.7E-07	2.4E-03
Chloroform	67663	8.4E-05	8.4E-05	1.2E-09	1.1E-05
Benzene	71432	3.3E+02	4.3E-02	4.7E-03	5.5E-03
Vinyl chloride	75014	4.4E-06	4.4E-06	6.3E-11	5.6E-07
Acetaldehyde	75070	8.4E-01	2.6E-02	1.2E-05	3.3E-03
Methylene chloride {Dichloromethane}	75092	2.5E-03	2.5E-03	3.6E-08	3.2E-04
1,2-Dichloropropane {Propylene dichloride}	78875	8.0E-05	8.0E-05	1.1E-09	1.0E-05
1,1,2-Trichloroethane {Vinyl trichloride}	79005	9.4E-05	9.4E-05	1.4E-09	1.2E-05
1,1,2,2-Tetrachloroethane	79345	1.6E-04	1.6E-04	2.2E-09	2.0E-05
PAH: napthalene	91203	1.4E+00	5.4E-04	2.0E-05	6.7E-05
Ethyl benzene	100414	7.5E+01	1.6E-02	1.1E-03	2.0E-03
Styrene	100425	2.0E-01	1.7E-04	2.9E-06	2.1E-05
Ethylene dibromide {1,2-Dibromoethane}	106934	1.3E-05	1.3E-05	1.9E-10	1.6E-06
Butadiene [1,3]	106990	2.9E+00	4.4E-03	4.2E-05	5.6E-04
Acrolein	107028	3.5E-01	1.7E-02	5.1E-06	2.1E-03
Ethylene dichloride {1,2-Dichloroethane}	107062	6.9E-06	6.9E-06	1.0E-10	8.7E-07
Toluene	108883	2.8E+02	3.9E-02	4.0E-03	4.9E-03
Hexane	110543	1.2E+02	1.5E-02	1.8E-03	1.9E-03
Benzobfluoranthene	205992	2.4E-04	1.2E-07	3.5E-09	1.5E-08
Benzokfluoranthene	207089	2.4E-04	1.2E-07	3.5E-09	1.5E-08
Chrysene	218019	3.7E-04	1.8E-07	5.3E-09	2.2E-08
1,3-Dichloropropene	542756	7.8E-05	7.8E-05	1.1E-09	9.8E-06
Xylenes	1330207	1.6E+02	2.2E-02	2.4E-03	2.8E-03
2378TetrachlorodibenzopDioxinTCDD	1746016	4.5E-11	2.2E-14	6.5E-16	2.7E-15
Octachlorodibenzopdioxin	3268879	2.6E-09	1.2E-12	3.7E-14	1.5E-13

Table 2 TAC Field-Wide Emissions Levels Summary – 2019 Operations

Pollutant	CAS	All Equipment			
		Annual Pounds	Peak Hour pounds	Annual grams/sec	Peak Hr grams/sec
Aluminum	7429905	1.7E+03	8.1E-01	2.4E-02	1.0E-01
Lead compounds (inorganic)	7439921	1.8E+01	8.8E-03	2.6E-04	1.1E-03
Manganese	7439965	2.0E+01	9.6E-03	2.9E-04	1.2E-03
Mercury and mercury compounds	7439976	3.7E-05	2.2E-05	5.3E-10	2.8E-06
Nickel	7440020	1.4E+00	7.1E-04	2.0E-05	9.0E-05
Arsenic and Compounds (inorganic)	7440382	3.1E-01	1.7E-04	4.5E-06	2.1E-05
Barium	7440393	2.0E+01	9.8E-03	2.9E-04	1.2E-03
Beryllium	7440417	2.1E-02	1.0E-05	3.0E-07	1.3E-06
Cadmium	7440439	4.8E-01	2.5E-04	6.9E-06	3.1E-05
Chromium (total)	7440473	5.2E+00	2.5E-03	7.5E-05	3.1E-04
Copper	7440508	1.8E+00	9.3E-04	2.6E-05	1.2E-04
Zinc	7440666	1.3E+01	6.1E-03	1.8E-04	7.6E-04
Hydrochloric acid	7647010	2.1E-03	2.1E-03	3.0E-08	2.6E-04
Ammonia	7664417	4.4E+02	1.9E-01	6.3E-03	2.4E-02
Selenium and compounds	7782492	2.1E-02	3.5E-05	3.0E-07	4.4E-06
Hydrogen sulfide	7783064	9.7E-01	1.1E-04	1.4E-05	1.4E-05
Chromium, hexavalent (and compounds)	18540299	1.3E-03	1.9E-06	1.9E-08	2.3E-07
123789HexachlorodibenzopDioxin	19408743	2.7E-11	1.3E-14	3.9E-16	1.6E-15
1234678HeptachlorodibenzopDioxin	35822469	3.2E-10	1.6E-13	4.7E-15	2.0E-14
Octachlorodibenzofuran	39001020	7.5E-10	3.6E-13	1.1E-14	4.5E-14
123478HexachlorodibenzopDioxin	39227286	2.1E-11	1.0E-14	3.0E-16	1.3E-15
12378PentachlorodibenzopDioxin	40321764	2.0E-11	9.7E-15	2.9E-16	1.2E-15
2378Tetrachlorodibenzofuran	51207319	1.5E-10	7.2E-14	2.2E-15	9.1E-15
1234789Heptachlorodibenzofuran	55673897	2.1E-11	1.0E-14	3.0E-16	1.3E-15
23478Pentachlorodibenzofuran	57117314	5.3E-11	2.5E-14	7.6E-16	3.2E-15
12378Pentachlorodibenzofuranj	57117416	7.2E-11	3.4E-14	1.0E-15	4.3E-15
123678Hexachlorodibenzofuran	57117449	6.3E-11	3.0E-14	9.1E-16	3.8E-15
123678HexachlorodibenzopDioxin	57653857	4.3E-11	2.1E-14	6.2E-16	2.6E-15
234678Hexachlorodibenzofuran	60851345	7.4E-11	3.6E-14	1.1E-15	4.5E-15
1234678Heptachlorodibenzofuran	67562394	6.6E-10	3.2E-13	9.5E-15	4.0E-14
123478Hexachlorodibenzofuran	70648269	5.9E-11	2.8E-14	8.6E-16	3.6E-15
123789Hexachlorodibenzofuran	72918219	1.7E-11	8.3E-15	2.5E-16	1.0E-15

2.3 Multipathway Substances and Their Pathways

Based on SCAQMD guidelines, the inhalation pathway is addressed for all modeled sources and substances. Residential cancer and non-cancer risks for multi-pathway substances evaluated the following non-inhalation exposure pathways: dermal exposure, soil ingestion, plant ingestion, and

mother's milk. Worker cancer and non-cancer risks for multi-pathway substances were modeled with the pathways of dermal exposure and soil ingestion. The OEHHA guidelines also lists other pathways, which include water ingestion, dairy and beef, and poultry and eggs. However, these pathways are not applicable exposure routes for the facility due to the surrounding land use. Table 3 lists the pathways evaluated for all emitted substances at the facility.

Table 3 TAC Pollutants and Multipathways

Pollutant	CAS	Multi pathway?	Inhalation	Dermal	Soil Ingestion	Homegrown Produce	Mothers Milk
PAHs [PAH, POM] All except napth	1151	Y	R&W	R&W	R&W	R	R
Silica, crystalline5	1175		R&W				
Diesel exhaust particulates	9901		R&W				
Formaldehyde	50000		R&W				
Benzoapyrene	50328		R&W				
Carbon tetrachloride	56235		R&W				
Benzaanthracene	56553		R&W				
Methanol	67561		R&W				
Chloroform	67663		R&W				
Benzene	71432		R&W				
Vinyl chloride	75014		R&W				
Acetaldehyde	75070		R&W				
Methylene chloride {Dichloromethane}	75092		R&W				
1,2-Dichloropropane {Propylene dichloride}	78875		R&W				
1,1,2-Trichloroethane {Vinyl trichloride}	79005		R&W				
1,1,2,2-Tetrachloroethane	79345		R&W				
PAH: napthalene	91203	Y	R&W	R&W	R&W	R	R
Ethyl benzene	100414		R&W				
Styrene	100425		R&W				
Ethylene dibromide {1,2-Dibromoethane}	106934		R&W				
Butadiene [1,3]	106990		R&W				
Acrolein	107028		R&W				
Ethylene dichloride {1,2-Dichloroethane}	107062		R&W				
Toluene	108883		R&W				
Hexane	110543		R&W				
Benzobfluoranthene	205992		R&W				
Benzokfluoranthene	207089		R&W				
Chrysene	218019		R&W				
1,3-Dichloropropene	542756		R&W				
Xylenes	1330207		R&W				
2378TetrachlorodibenzopDioxinTCDD	1746016		R&W				
Octachlorodibenzopdioxin	3268879		R&W				
Aluminum	7429905		R&W				

Table 3 TAC Pollutants and Multipathways

Pollutant	CAS	Multi pathway?	Inhalation	Dermal	Soil Ingestion	Homegrown Produce	Mothers Milk
Lead compounds (inorganic)	7439921	Y	R&W	R&W	R&W	R	R
Manganese	7439965		R&W				
Mercury and mercury compounds	7439976	Y	R&W	R&W	R&W	R	R
Nickel	7440020	Y	R&W	R&W	R&W	R	R
Arsenic and Compounds (inorganic)	7440382	Y	R&W	R&W	R&W	R	R
Barium	7440393		R&W				
Beryllium	7440417		R&W				
Cadmium	7440439	Y	R&W	R&W	R&W	R	R
Chromium (total)	7440473	Y	R&W	R&W	R&W	R	R
Copper	7440508		R&W				
Zinc	7440666		R&W				
Hydrochloric acid	7647010		R&W				
Ammonia	7664417		R&W				
Selenium and compounds	7782492	Y	R&W	R&W	R&W	R	R
Hydrogen sulfide	7783064		R&W				
Chromium, hexavalent (and compounds)	18540299	Y	R&W	R&W	R&W	R	R
123789HexachlorodibenzopDioxin	19408743		R&W				
1234678HeptachlorodibenzopDioxin	35822469		R&W				
Octachlorodibenzofuran	39001020		R&W				
123478HexachlorodibenzopDioxin	39227286		R&W				
12378PentachlorodibenzopDioxin	40321764		R&W				
2378Tetrachlorodibenzofuran	51207319		R&W				
1234789Heptachlorodibenzofuran	55673897		R&W				
23478Pentachlorodibenzofuran	57117314		R&W				
12378Pentachlorodibenzofuranj	57117416		R&W				
123678Hexachlorodibenzofuran	57117449		R&W				
123678HexachlorodibenzopDioxin	57653857		R&W				
234678Hexachlorodibenzofuran	60851345		R&W				
1234678Heptachlorodibenzofuran	67562394		R&W				
123478Hexachlorodibenzofuran	70648269		R&W				
123789Hexachlorodibenzofuran	72918219		R&W				

Based on OEHHA 2015 Table 5.1
R= Residential, W= Worker

2.4 Dispersion Modeling and Exposure Assessment

Air dispersion modeling is performed for the exposure assessment of the health risk assessment. This HRA utilizes the most recent version of AERMOD (version 18081) to estimate ambient concentrations of pollutants offsite. Modeled results were then integrated into the latest version of HARP2 (version 19121). The air dispersion analysis was performed in accordance with OEHHA

Guidance, the SCAQMD Supplemental Guidelines, and SCAQMD Modeling Guidance for AERMOD. Elevations were determined using AERMAP version 18081.

Dispersion modeling assumptions are listed in Table 4 below.

Table 4 Dispersion Modeling Assumptions

Parameter	Value
Use regulatory default	Yes
Urban or rural	Urban County: Los Angeles Population: 9,818,605
Include Building Downwash	Yes
Meteorological Data	IOF met station, 2015-2019, processed by Breeze Software using AERMET 19121. Upper air data station ID NKX, with WBAN ID 03190 (Lat 32.8700, Lon -117.150, San Diego Airport) Base elevation: Met station site at IOF = 124 meters
Fence line spacing	25 meters
Grid spacing	100 meters
Coordinate System and Datum	UTM And NAD 83 zone 11 (as per HARP2, NAD83 and WGS84 are very similar and can be treated the same without significant difference)
Analysis Option	Cancer Residential: RMP Derived Method Workers and Non-cancer: OEHHA Derived Method
Deposition rate	0.02 m/s
Exposure assumptions	HARP defaults except dermal pathway = “warm”
Residential exposure duration for cancer analysis	30 years for individual receptors 70 years for cancer burden
Worker exposure duration for cancer analysis	25 year exposure
Facility Operating Schedule	24 hours per day/7 days per week
Urban options	Applied to all sources, population = 9,818,605. Roughness=1.0 m
Flagpole Height	0 meters
Elevations	Determined through AERMAP
Regulatory Defaults	Used
Appy fraction of time at residence for < 16yrs age	No
Apply fraction of time at residence for > 16yrs age	Yes
Mandatory minimum Pathways	SCAQMD mandatory minimum: inhalation, soil, dermal, mothers milk, homegrown produce

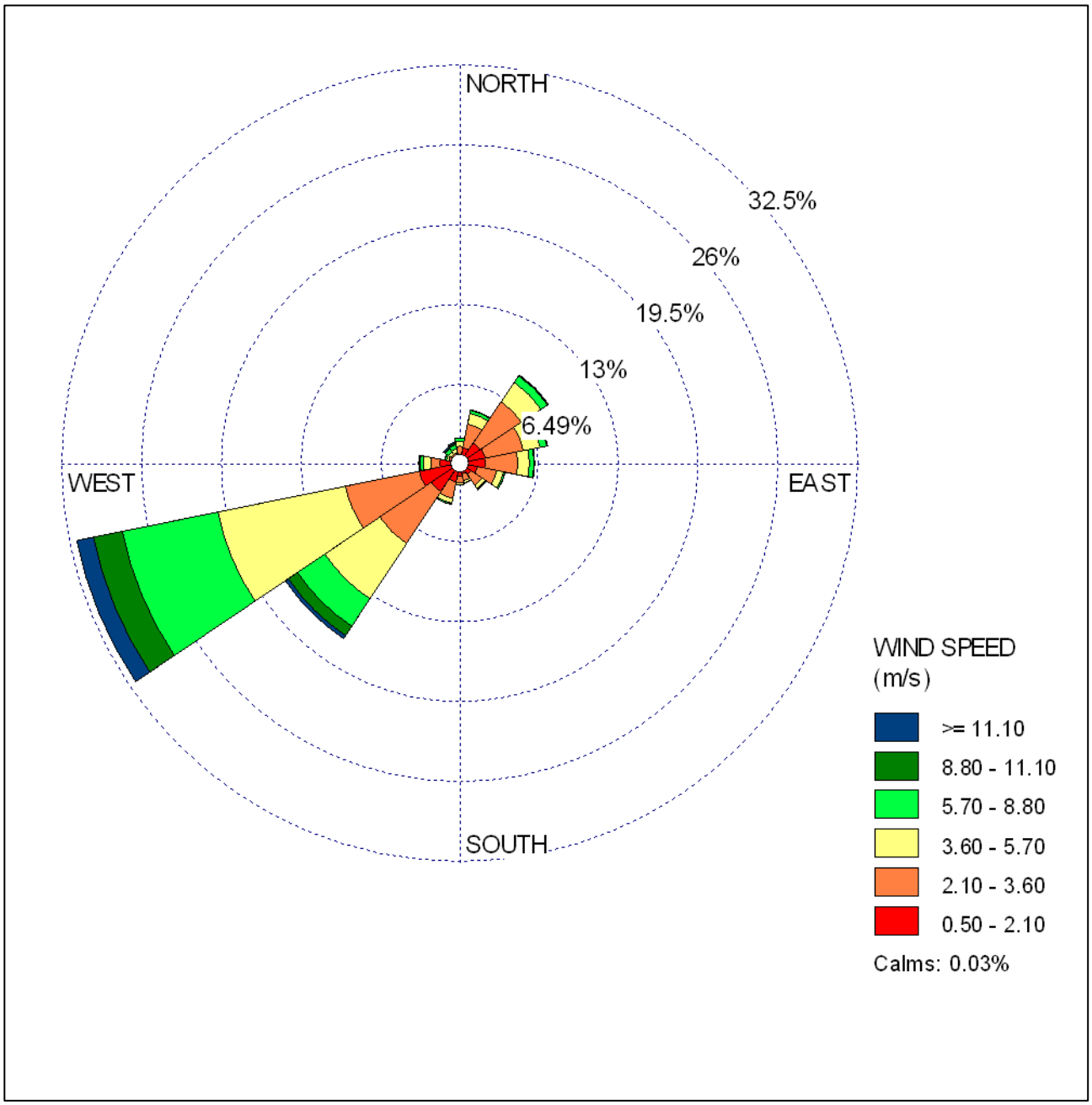
2.5 Meteorological Data

The IOF has a meteorological station onsite. Five years of meteorological data for the years 2015-2019 was processed by BREEZE Software to produce the surface and upper air AERMOD-ready files. Some missing data was supplemented with the data set collected at Los Angeles International Airport meteorological station (KLAX) as the most representative backup surface station for the facility. LAX is the closest meteorological station and is expected to record similar meteorological conditions to that of the facility. A Wind Rose for the IOF met station is shown in Figure 1

The surface data used for the meteorological analysis utilized the data gathered at the IOF site from 2015 through 2019.

The upper air data utilized the upper air location station ID NKX, with WBAN ID 03190 (Lat 32.8700, Lon -117.150, San Diego Airport) as recommended and utilized by the SCAQMD.

Figure 1 IOF Met Station Wind Rose



Years of data: 2015 – 2019

2.6 Emissions Source Listing

Emission sources were categorized into three basic types: point, area, or line sources. Table 5 summarizes the dispersion modeling assumptions. Detailed source information is included in Attachments B and C. A discussion of each source category is shown below.

Table 5 Source Type Summary

Source	HARP IDs	HARP Type	How Applied?	Base_Elev [m]	Release Height [m]
FLARE, GROUND FLARE	554988	Point	Point	98.44	18.3
HEATER, H-100	554965	Point	Point	102.65	22.13
FIRE PUMP	554957	Point	Point	85.47	2.60
WAUKESHA EMERGENCY Gen	554983	Point	Point	88.86	4.0
Gasoline Dispensing	564886	Volume	Volume	73.76	1.0*
BC tank farm	901	Area	Entire Tank Farm	83.73	7.0
Central Sales/Packard tank farm	902	Area	Entire Tank Farm	96.87	5.3
LAI-A tank Farm	903	Area	Entire Tank Farm	76.1	6.1
LAI-B tank Farm	904	Area	Entire Tank Farm	79.9	7.3
TVIC Tank Farm	905	Area	Entire Tank Farm	100.7	6.7
TVIC Remote Tank Farm	906	Area	Entire Tank Farm	119.45	7.3
Water Treatment Plant	907	Area	Entire Tank Farm	94.47	6.9
Gas Plant-Fugitives	910	Area	Entire Plant	97.86	1.0
Well Grid-Workovers	1-407	Area	by # wells	28-150	1.0
Well Grid-Drilling	1-407	Area	by # wells	28-150	1.0
Well Grid-Fugitives	1-407	Area	by # wells	28-150	1.0
Well Grid-Construction	1-407	Area	by Area of WellGrid	28-150	1.0
Vehicles-Combustion	500-524	Line	Along Main Roads	76-122	0.78
Vehicles-Fugitive Dust	500-524	Line	Along Main Roads	76-122	0.78

*Although the SCAQMD has specific procedures for modeling gasoline stations, given the size of the property and the distance to nearest receptors from the gas station, modeling this as volume source was used as a reasonable estimate. The release height was used to simulate the loading/refueling emissions component.

Combustion Sources

Generally, all stationary sources with combustion sources are point sources, such as the diesel generators, heaters and flares. All stacks, except for the Waukesha generator and the fire pump, are vertical stacks with release temperature and velocity as per manufacturer data. The Waukesha Generator and the fire pump have horizontal stacks that are uncapped. Heights of stacks were measured in-field.

Emissions and emission factors are based on those in the SCAQMD Annual Emissions Report (AER) for the year 2019.

The heater is assumed to operate 24/7, 365 day per year, with the peak hour calculated based on the 24/7/365 schedule.

The flare utilizes the 2019 throughput data for the annual emissions and the flare capacity for the peak hour.

The fire pump and generator annual emissions are based on a single hour per year of testing, with the peak hour based on the fuel use during that single hour, as per the 2019 AER.

Tank Farms

The IOF has a total of 43 tanks that are grouped into 5 tank farm areas: BC Tank Setting, LAI Tank Setting, Packard Tank Setting, TVIC Tank Setting and the Water Plant. The tank farms are grouped into area sources that cover each of the entire tank farm area with a height equal to the average tank height of 24 feet (7.3m). Emissions and emission factors are based on those in the AER for the year 2019.

Operations assume a 24/7 schedule, 365 days per year.

Gas Plant

The gas plant fugitive emissions are grouped into a single area source that covers the entire gas plant area with an average height of 1 meter. Emissions and emission factors are based on those in the AER for the year 2019.

Operations assume a 24/7 schedule, 365 days per year.

Wells and Field Fugitives

The field has a large number of active wells, well cellars and fugitive sources that are located throughout the field. In order to capture these sources, the field is divided into a set of area source "well grids" with either 1.0 or 0.10 acres in area, depending on the location of the sources and the proximity to the field boundaries. All sources within each well grid cell are assigned to that cells area source emissions, meaning the emissions from all of the active wells, injection wells and idle wells located within that cell are assigned to that cells area emissions. Fugitive emissions are assigned to each cell based on the total fugitive emissions from the in-field (non-gas) plant fugitive emissions sources weighted by the individual cells area. Well grids are assigned a height of 1 meter based on the height of the well pumping units emission source height (packing valve). Emissions and emission factors are based on those in the AER for the year 2019.

Operations assume a 24/7 schedule, 365 days per year.

Vehicle Emissions

Vehicle onsite activity is due to pickup trucks (gasoline) and diesel delivery and maintenance trucks. Vehicle emissions are assigned to the main roads that travel through the field. Roads are defined as line sources and are a total of 2.4 miles in length composed of a main road and a side road area. The main road travels along the spine of the field from Stocker Road to the TVIC area. The side road travels from the main road through the LAI and BC tank farms. Vehicle emissions are assigned evenly along the entire main road length with 20% of vehicle traffic assigned to the side road.

Fugitive dust emissions from vehicle travel are assigned along the same line sources evenly distributed along the roadways as a function of vehicle traffic. Fugitive dust emissions are based on assuming that 50% of the roadways are paved. CalEEMod defaults are used for paved and unpaved

road dust. Vehicle weights are based on the fleet average vehicle weight weighted by annual miles. Detailed calculations are included in Attachment B.

Vehicle tailpipe emission factors are based on USEPA Moves program (USEPA 2016 and 2018). Fugitive dust TAC emissions are based on the CARB profile 394. Vehicle miles are logged by the operator and this information was used to estimate total annual and peak hour on-site mileage.

Vehicles are assumed to operate only during the daytime, from 7am – 7pm. The EMISFACT HROFDY parameter in AERMOD will be set to a value to "2" during the daytime hours and zero at night. For the acute analysis, the HARP2 variable emission additional run was conducted (EMISFACT HROFDY values of "1" during the daytime).

The annual emissions are based on the total annual miles, with the peak hour of vehicle emissions is based on the estimated peak hour vehicle miles.

Construction Emissions

Construction emissions could occur at any location in the field. Therefore, construction emissions are evenly distributed by area across all of the well grid cells covering the field. Emissions and emission factors are based on those for diesel combustion in the SCAQMD Supplemental Instructions Reporting Procedures for AB2588 Facilities for Reporting their Quadrennial Air Toxics Emissions Inventory, December 2016.

Construction emissions are assumed to occur continuously, with the peak hour being the annual emissions divided by 52 weeks, 5 days per week and 12 hours per day.

Well Maintenance Rig Emissions

Total field-wide maintenance rig emissions are distributed to the well grid cells based on the number of active wells within each grid cell. Emissions and emission factors are based on those for diesel combustion in the SCAQMD Supplemental Instructions Reporting Procedures for AB2588 Facilities for Reporting their Quadrennial Air Toxics Emissions Inventory, December 2016. As the workover rigs utilize Tier 4 engines, with substantially lower DPM emissions than the SCAQMD December 2016 Guidance, a reduction percentage of 85% was applied to the TAC emissions from workover diesel engines, equivalent to a CARB Level III catalyst certification reduction percentage.

Well maintenance emissions are assumed to occur continuously, with the peak hour being the annual emissions divided by 50 weeks per year, 5 days per week and 12 hours per day.

Well Drilling and Future Emissions

Well drilling could occur at the IOF under the current CSD allowances. No drilling has occurred at the IOF since Sentinel Peak has taken over in 2016 and there are no current plans for drilling. However, as the CSD allows drilling, and the future of the field in terms of ownership and drilling plans are not known at this time, two scenarios are examined to address drilling emissions:

1. No drilling activities, as per the activities at the field in 2019.
2. Drilling activities at the maximum allowable levels defined by the CSD.

As regulated by the CSD, drilling activities are not allowed within a 400 foot buffer of the oil field boundary.

The CSD allows for a maximum of 53 wells to be drilled in one year with a total of 500 wells allowed to be drilled by 2028 since the start of the CSD in 2008. As of 2020, a total of 132 wells

have been drilled since 2008. Bonus wells are also allowed based on the abandonment of wells within setback areas. Table 6 shows the estimated worst-case drilling scenario through 2028 with the maximum allowed drilling of wells a per the CSD. Note also that wells are generally abandoned each year at a historical rate of 5-6 wells abandoned per year.

Table 6 Estimated Future Well Drilling Activity at CSD Maximum Levels

Year	Wells Drilled /yr	Bonus Used /yr	Annual Wells Drilled	Wells Cumulative	Wells Abandoned	Bonus Earned	Bonus Remaining	Field Active Oil Wells
2009	0	0	0	0	10	5	5	517
2010	19	0	19	19	2	2	7	527
2011	40	5	45	64	4	2	4	510
2012	20	0	20	84	4	3	7	469
2013	30	0	30	114	8	7	14	453
2014	18	0	18	132	5	1	15	431
2015	0	0	0	132	10	7	22	418
2016	0	0	0	132	8	6	28	428
2017	0	0	0	132	0	0	28	436
2018	0	0	0	132	2	2	30	436
2019	0	0	0	132	7	4	34	438
2020	0	0	0	132	12	6	40	426
2021	35	18	53	185	11	7	29	468
2022	35	11	46	231	11	7	25	503
2023	35	10	45	276	11	7	22	537
2024	35	10	45	321	11	7	19	571
2025	35	10	45	366	11	7	16	605
2026	35	10	45	411	10	6	12	640
2027	35	10	45	456	10	6	8	675
2028	33	11	44	500	5	3	0	714
Total		***95***		***500***	***152***	***95***		

For the years after 2028, the number of wells at the field would be affected by the wells abandoned, which would decrease the number of wells at the field, and the level of drilling. Table 7 shows the estimated post-2028 wells inventory assuming the average well abandonment rate along with the average drilling rate from 2021 - 2028. It should be noted that drilling of wells under the CSD is only approved until the year 2028. Any additional drilling beyond that date is speculative and the process is not clear at this time. Information about additional wells is provided only to show

maximum number of wells for the purpose of understanding the worst case scenario and the risk associated with it.

Table 7 Well Inventory Post 2028

Year	Wells Abandoned	Wells Drilled	Field Active Oil wells
2029	5.5	46	755
2030	5.5	46	795
2031	5.5	46	836
2032	5.5	46	876
2033	5.5	46	917
2034	5.5	46	957
2035	5.5	46	998
2036	5.5	46	1038
2037	5.5	46	1079
2038	5.5	46	1119
2039	5.5	46	1160
2040	5.5	46	1201
2041	5.5	46	1241
2042	5.5	46	1282
2043	5.5	46	1322
2044	5.5	46	1363
2045	5.5	46	1403
2046	5.5	46	1444
2047	5.5	46	1484
2048	5.5	46	1525
2049	5.5	46	1565
2050	5.5	46	1606
Average Since 2020	-	46	1003

In order to estimate the 30-year worst case cancer risk levels, field activity over the 30 years from 2020-2050 assuming the worst-case scenario above is proposed. Over the 30-year period from 2020-2050, the field would have an average of 1,003 active wells with a yearly average of 46 wells drilled per year as a worst case. These drilling emissions will be placed evenly within each well grid cell. Only well grid cells that are located outside of the 400 foot buffer would be assigned drilling emissions.

For future well drilling, the number of producing wells could increase, and production at the field could increase as a worst case, thereby potentially increasing emissions from a number of sources. Therefore, for the future worst-case scenario, the following emissions sources would change:

- Drilling emissions would occur at the worst-case annual average rate (average wells drilled as allowed by the CSD until year 2028) with a peak hour of 2 drilling rigs;
- Fugitive emissions from wells would increase proportional to the number of active oil wells;
- Workover emissions would increase proportional to the number of active oil wells with a peak hour of 8 workover rigs operating (as per the CSD limits);

- Equipment emissions from most tanks and processes (heaters, etc.) would increase by the proportional number of active oil wells.

The following sources emissions would not change under the future scenario:

- Field fugitive emission sources (piping and connections not at a well site);
- Construction emissions;
- Onsite vehicle emissions;
- Equipment including the flare, fire pump, generator, and gasoline dispensing.

Emissions and emission factors for drilling are based on those for diesel combustion in the SCAQMD Supplemental Instructions Reporting Procedures for AB2588 Facilities for Reporting their Quadrennial Air Toxics Emissions Inventory, December 2016. As the workover rigs utilize Tier 4 engines (or Tier 3 with CARB Level III catalysts), with substantially lower DPM emissions than the SCAQMD December 2016 Guidance, a reduction percentage of 90% was applied to the TAC emissions from drilling diesel engines, which is the reduction percentage required by the CSD.

Annual emissions are based on the average number of wells drilled. Peak hour emissions are based on the number of wells drilled and the days per well, along with 24 hours per day of drilling.

2.7 Dose-Response Assessment

A dose-response assessment was then performed using the Hot Spots Analysis and Reporting Program 2 (HARP2) model, version 19121, developed by the California Air Resources Board (ARB). This HRA evaluates upper-level estimates of potential cancer, non-cancer chronic, and non-cancer acute health effects at the point of maximum impact (PMI), the maximally exposed individual resident (MEIR), the maximally exposed individual worker (MEIW), and at sensitive receptors. The potential excess cancer burden was also evaluated.

For cancer and non-cancer health impacts, Table 8 shows target organ systems by substance for non-cancer impacts.

Table 8 Non-cancer Target Organs by Substance

Pollutant	CAS	Target Organ System
Formaldehyde	50000	Eyes (sensory irritation)
Carbon tetrachloride	56235	Alimentary System (Liver); Nervous System Reproductive/Developmental
Methanol	67561	Nervous System
Chloroform	67663	Nervous System; Respiratory System; Reproductive/Developmental
Benzene	71432	Reproductive/Developmental; Immune System; Hematologic System
Vinyl chloride	75014	Nervous System; Eyes; Respiratory System
Acetaldehyde	75070	Eyes; Respiratory System (sensory irritation)
Methylene chloride {Dichloromethane}	75092	Nervous System; Cardiovascular System
Styrene	100425	Eyes; Respiratory System; Reproductive/Developmental
Butadiene [1,3]	106990	Development
Acrolein	107028	Eyes; Respiratory System (sensory irritation)
Toluene	108883	Nervous System; Respiratory System; Eyes; Reproductive/Developmental

Table 8 Non-cancer Target Organs by Substance

Pollutant	CAS	Target Organ System
Xylenes	1330207	Eyes; Respiratory System; Nervous System
Mercury and mercury compounds	7439976	Nervous System; Development
Nickel	7440020	Immune System
Arsenic and Compounds (inorganic)	7440382	Development; Cardiovascular System; Nervous System
Copper	7440508	Respiratory System
Hydrochloric acid	7647010	Eyes; Respiratory System
Ammonia	7664417	Eyes; Respiratory System

Source: OEHHA 2015 Guidelines Table 6.1

2.8 Buildings

Buildings affect dispersion by producing downdrafts in wind fields and increasing the ground-level concentrations of pollutants of sources that are close to buildings. AERMOD and BPIP (the building program in AERMOD and HARP2) only address building influences from point sources. Buildings located farther than five times the height of the building from a source do not generally influence the dispersion and are therefore not addressed in the BPIP program. The field has 4 different point sources (flare, heater, generator and fire pump) and therefore only buildings located within 5 times the building height of those sources have been included in the HARP2 building BPIP modeling assessment. These include the following:

- Tanks T-50, T-56A/B/C located in proximity to the Generator
- Tanks T-9B, T-2A, T-2B located in proximity to the Fire Pump

These tanks are assumed to be square buildings with a height of 24 feet (7.3 meters, the average tank height), and a side dimension of 40 feet (12.2 meters, the average tank diameter) with a single tier. Below are listed the building parameters.

Table 9 Building Parameters

Building	Proximate to Point Source	Height, m
T-50	Generator	7.3
T-56A	Generator	7.3
T-56B	Generator	7.3
T-56C	Generator	7.3
T-9B	Fire Pump	7.3
T-2A	Fire Pump	7.3
T-2B	Fire Pump	7.3

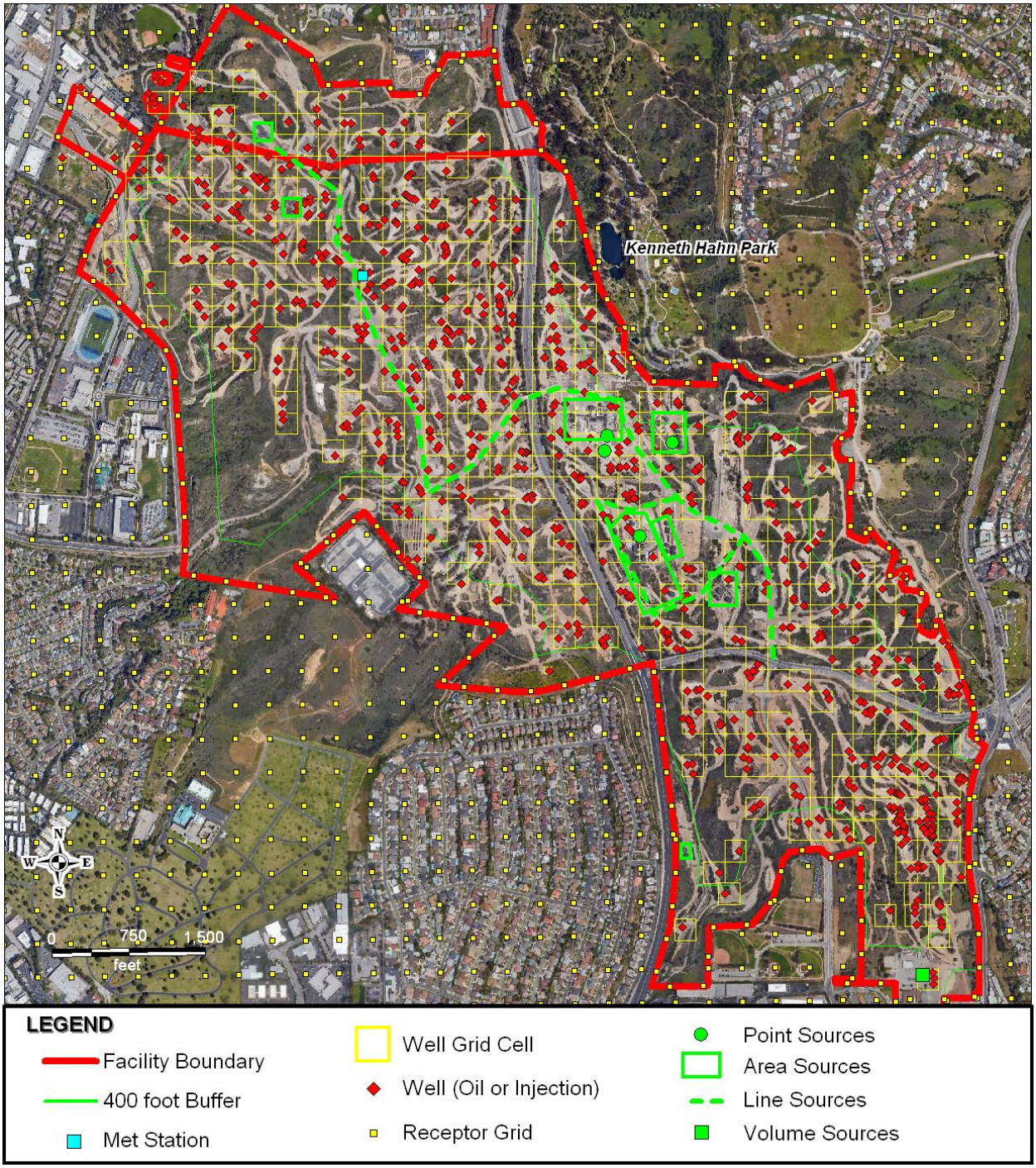
2.9 Area Populations and Receptor Grids

In order to identify the maximum impacted receptor locations, receptor networks were constructed which include the IOF property boundary line with a spacing of 100 meters, and a receptor grid containing receptors spaced 100 meters apart out to a 1-2 km radius. The locations of the off-site residential and worker receptor areas were identified based on Google Earth/Maps. Discrete receptors were identified for the sensitive receptors and are shown in Figure 2.

Estimates of population exposure will be based on census tract data as included in HARP2.

There are a number of schools located within 2 km of the IOF, including Baldwin Hill Elementary School, Windsor Hills, La Tijera Elementary, El Rincon Elementary and Culver City High School. Therefore, for exposure, estimates of under 16 years of age exposure will assume 100% of the time in the exposure area (at home or at school).

Figure 2 IOF Sources and Receptors



2.10 Version of the Risk Assessment Guidelines

The HARP2 version 19121 model was used along with the SCAQMD AB 2588 and Rule 1402 Supplemental Guidelines dated September 2018 (SCAQMD 2018).

2.11 Elevations

Elevations of sources and receptors are determined using AERMAP within the HARP2 modeling program. AERMAP model outputs are included in the modeling files. The Digital Elevation Model (DEM) files are also include and include: Beverly hills (30m), Inglewood (10m), Hollywood (30m) and Venice (10m).

3.0 Hazard Identification

Table 2 shows all substances emitted from the facility including the CAS and estimated emissions levels. The physical form of the substance are all air emissions and/or particulates.

All substances in Table 2 were evaluated for cancer risk and/or non- cancer acute and chronic health impacts in HARP2.

Table 3 identifies the substances that present a potential cancer risk or chronic non-cancer hazard via non-inhalation routes of exposure.

All estimated emissions from the facility are listed in Table 2 and include those from continuous or intermittent processes.

Attachment B and C shows the emissions by sources for all sources and TAC Pollutants.

4.0 Exposure Assessment

This section describes the information related to the air dispersion modeling process that is reported in the risk assessment. In addition, doses calculated by pathway of exposure for each substance are included in this section and presented as results from the HARP2 model.

4.1 Facility Description

Section 2.1 provides information on the facility. The local topography is rolling hills with a high of about 150 meters in elevation and a low of about 50 meters in elevation.

Figures 2 shows the facility plot plan identifying emission source locations, property line, and receptor locations.

As the area is urban, there are no water or grazing intake areas.

4.2 Emissions Inventory

Attachments B and C shows the sources used in the modeling along with the source specific parameters. Section 2.6 includes a summary listing of all sources.

All equipment at the field operates 24 hours per day, 7 days per week. Vehicle use is the only variable emission source analyzed in this analysis as almost all vehicle use occurs during the daytime. All other sources assumed that all emissions occur 24/7.

Emission control equipment and emissions measuring methods are listed in Attachments B and C.

Emission rates and total and hourly emissions are listed in Attachments B and C.

Facility total emission rates by substance for all pollutants are listed in Table 2 and in Attachments B and C.

The emission rates for each toxic substance, grouped by source, in table form are located in Attachments B and C, the table includes the following:

- Source name;
- Source identification number;
- Substance name and CAS number;
- Annual average emissions for each substance (lbs/yr and g/s); and,
- Maximum one hour emissions for each substance (lbs/hr and g/s).

There are no radionuclides emitted at the facility and are therefore not included in the analysis.

Table 2 and Attachments B and C shows the facility total emission rates by substance for all pollutants including the following information:

- Substance name and CAS number;
- Annual average emissions for each substance (lbs/yr and g/s); and
- Maximum one-hour emissions for each substance (lbs/hr and g/s).

4.3 Air Dispersion Modeling

Meteorological data is discussed in Section 2.5.

The IOF has a meteorological station onsite. Five years of meteorological data for the years 2015-2019 was processed by BREEZE Software to produce the surface and upper air AERMOD-ready files. Some missing data was supplemented with the data set collected at Los Angeles International Airport meteorological station (KLAX) as the most representative backup surface station for the facility. LAX is the closest meteorological station and is expected to record similar meteorological conditions to that of the facility. Wind Rose for the IOF met station are shown in Figure 1.

The upper air data utilized the upper air location station ID NKX, with WBAN ID 03190 (Lat 32.8700, Lon -117.150, San Diego Airport) as recommended and utilized by the SCAQMD.

5.0 Risk Characterization Results

HARP generates the risk characterization data needed to generate the risk results as presented in this report. All HARP files are included in the HRA submittals.

The potential cancer risk for the PMI, MEIR, and sensitive receptors of interest are presented in the HRA's text, tables, and maps using a residential 30-year exposure period. MEIW location will use appropriate exposure periods as per the requirements; as the facility operates 24/7, no adjustments to MEIW are proposed.

The report presents the results of a Tier-1 exposure assessment as per HARP2 and OEHHA Guidelines.

The following information are presented in previous sections of the HRA:

- Description of receptors to be quantified – Section 2.9 presents a description of the receptors; and,

- The site-specific inputs used for each exposure pathway (e.g., water or grazing intake assumptions) are discussed in Section 2.3.

5.1 SCAQMD Review of the Modeling Report

A modeling protocol report was submitted to the SCAQMD in September 2020 for comments. The following comments were received from the SCAQMD:

- "Overall, the project looks good. It is obvious that time was spent on the modeling and gridding is good."
- "There are some emissions included that would typically occur in an environmental assessment but would not be included in an AB 2588 submittal, such as construction emissions, motor vehicle tailpipe and averaging of emissions. Regarding construction emissions, this actually makes the review more conservative, so that is not a bad thing overall looking at the risk. "
- "AB 2588 would not consider future emissions and would only analyze the 2019 emissions."
- "Based on the size of the site, the use of a single source for gasoline stations is acceptable."
- Some editorial and model version comments on the report.

The SCAQMD did not do a detailed review of the meteorological data and upper air data or confirm that the emissions would meet the Air Toxic Inventory Reporting requirements under AB2588, although emissions from the annual submissions to the SCAQMD, which are reviewed and approved by the SCAQMD annually, were used.

5.2 Year 2019 Operations Health Risk Results

The HRA presents the results of the analysis for cancer, acute and chronic health impacts. Cancer risk are defined as the number of cancer cases that are projected to be generated per million people exposed.

Chronic and acute impacts are based on the reference exposure level (REL) as an indicator of potential adverse non-cancer health effects. A REL is a concentration at which no adverse health effects are anticipated. RELs are provided by OEHHA and incorporated into the HARP2 model. A hazard index (HI) is defined as the ratio of the pollutant concentration estimated by the models at the receptors to the REL. When several pollutants affect the same organ system in the body (e.g., respiratory system, nervous system, reproductive system), there can be a cumulative effect on the target organ. In these cases, the sum of the HI for all chemicals emitted that impact the same target organ is performed by the HARP2 model. An HI of over 1.0 would indicate that the receptor is exposed to a cumulative effect exceeding the REL.

The SCAQMD has establish thresholds for AB2588 analysis of 10 cancer cases per million and any HI of over 1.0.

The following tables provide the detailed results of the HRA analysis for the 2019-year operations. Section 5.2 presents summaries of the future operations HRA results.

Table 10 Year 2019 Cancer Risks at the PMI, MEIR, MEIW

Location	Receptor Number	UTM Coordinates		Cancer Risk	Primary Substances	Primary Sources
		X Coord, m	Y Coord, M			
PMI	1844	373,493	3,763,713	5.2	Benzene (39%), Arsenic (31%), DieselExhPM (13%), Lead (8%), Cadmium (6%)	Roads (48%), WellGrids (33%), Gas Plant (17%), Packard Tank Farm (1%), Flare (0%),
MEIR	1775	373,379	3,762,767	1.0	Benzene (58%), DieselExhPM (25%), Arsenic (11%), Lead (3%), Cadmium (2%),	WellGrids (64%), Roads (16%), BC Tank Farm (9%), Gas Plant (4%), LAI-A Tank Farm (3%),
MEIW	1818	372,038	3,764,399	0.07	Benzene (59%), DieselExhPM (33%), Arsenic (5%), Lead (1%), Cadmium (1%),	WellGrids (87%), Roads (7%), Gas Plant (2%), TVIC Remote Tank Farm (1%), TVIC Tank Farm (1%),

Notes: UTM Zone 11, NAD83, Cancer risk per million.

Table 11 Year 2019 Cancer Risks at Other Receptors

Location	Receptor Number	UTM Coordinates		Cancer Risk
Sensitive Receptors				
Star School	1297	371,655	3,764,335	0.27
Village Tree School	1298	371,602	3,765,015	0.10
Linwood How Elem School	1299	371,458	3,765,442	0.07
Willows Community School	1300	372,537	3,765,521	0.08
Baldwin Dill Elem School	1301	373,913	3,765,441	0.21
Hillcrest Drive Elem School	1302	375,384	3,764,569	0.44
Windsor Hill Magnet School	1303	374,735	3,762,558	0.44
Community Christian Elem	1304	374,502	3,761,177	0.08
ICEF School	1305	373,575	3,761,806	0.34
La Tijera Elem School	1306	373,549	3,760,990	0.11
Frank Parent School	1307	372,980	3,761,081	0.15
El Rincon Elem School	1308	371,566	3,762,615	0.27
West La College South	1309	372,008	3,763,263	0.49
We LA College North	1310	372,011	3,763,812	0.63
Culver City HS	1311	370,802	3,763,850	0.15
Residential Receptors				
Brea Crest Dr	355	374,500	3,762,300	0.86
Shenandoah Ave	1775	373,379	3,762,767	0.99
Stoneview Ave	1831	372,932	3,764,576	0.89
S Cloverdale Ave	997	373,900	3,764,100	0.92
Punta Alta Ave	964	374,200	3,764,000	0.86

Table 12 Year 2019 Acute Risks at the PMI, MEIR, MEIW

Location	Receptor Number	UTM Coordinates		Acute Risk	Primary Substances	Primary Sources
		X Coord, m	Y Coord, M			
PMI	1847	373,743	3,763,650	0.48	Acrolein (73%), Nickel (15%), Benzene (5%), Arsenic (3%), Formaldehyde (3%),	Generator (79%), Roads (16%), WellGrids (2%), Gas Plant (1%), Packard Tank Farm (1%),
MEIR	1775	373,379	3,762,767	0.09	Nickel (46%), Acrolein (25%), Benzene (14%), Arsenic (10%), Formaldehyde (4%),	Roads (53%), Generator (29%), WellGrids (12%), Fire Pump (2%), Gas Plant (2%),
MEIW	1818	372,038	3,764,399	0.05	Nickel (54%), Benzene (16%), Acrolein (14%), Arsenic (12%), Formaldehyde (3%),	Roads (63%), WellGrids (18%), Generator (15%), Fire Pump (1%), Gas Plant (1%),

Notes: UTM Zone 11, NAD83, Acute risk hazard index.

Table 13 Year 2019 Acute Risks at Other Receptors

Location	Receptor Number	UTM Coordinates		Acute Risk
Sensitive Receptors				
Star School	1297	371,655	3,764,335	0.03
Village Tree School	1298	371,602	3,765,015	0.02
Linwood How Elem School	1299	371,458	3,765,442	0.01
Willows Community School	1300	372,537	3,765,521	0.02
Baldwin Dill Elem School	1301	373,913	3,765,441	0.02
Hillcrest Drive Elem School	1302	375,384	3,764,569	0.02
Windsor Hill Magnet School	1303	374,735	3,762,558	0.04
Community Christian Elem	1304	374,502	3,761,177	0.02
ICEF School	1305	373,575	3,761,806	0.03
La Tijera Elem School	1306	373,549	3,760,990	0.02
Frank Parent School	1307	372,980	3,761,081	0.02
El Rincon Elem School	1308	371,566	3,762,615	0.02
West La College South	1309	372,008	3,763,263	0.04
We LA College North	1310	372,011	3,763,812	0.04
Culver City HS	1311	370,802	3,763,850	0.02
Residential Receptors				
Brea Crest Dr	355	374,500	3,762,300	0.06
Shenandoah Ave	1775	373,379	3,762,767	0.09
Stoneview Ave	1831	372,932	3,764,576	0.05
S Cloverdale Ave	997	373,900	3,764,100	0.06
Punta Alta Ave	964	374,200	3,764,000	0.05

Table 14 Year 2019 Chronic Risks at the PMI, MEIR, MEIW

Location	Receptor Number	UTM Coordinates		Chronic Risk	Primary Substances	Primary Sources
		X Coord, m	Y Coord, M			
PMI	1844	373,493	3,763,713	0.06	Silica, Crystln (54%), Manganese (17%), Benzene (17%), Nickel (7%), Cadmium (2%),	Roads (95%), WellGrids (3%), Gas Plant (2%), Packard Tank Farm (0%), BC Tank Farm (0%),
MEIR	1775	373,379	3,762,767	0.01	Silica, Crystln (41%), Benzene (36%), Manganese (13%), Nickel (6%), Cadmium (1%),	Roads (80%), WellGrids (13%), BC Tank Farm (3%), Gas Plant (1%), LAI-A Tank Farm (1%),
MEIW	1818	372,038	3,764,399	0.003	Benzene (55%), Silica, Crystln (28%), Manganese (9%), Nickel (4%), DieselExhPM (2%),	Roads (65%), WellGrids (32%), Gas Plant (1%), TVIC Remote Tank Farm (1%), TVIC Tank Farm (1%),

Notes: UTM Zone 11, NAD83, Chronic risk hazard index.

Table 15 Year 2019 Chronic Risks at Other Receptors

Location	Receptor Number	UTM Coordinates		Chronic Risk
Sensitive Receptors				
Star School	1297	371,655	3,764,335	0.0009
Village Tree School	1298	371,602	3,765,015	0.0004
Linwood How Elem School	1299	371,458	3,765,442	0.0003
Willows Community School	1300	372,537	3,765,521	0.0004
Baldwin Dill Elem School	1301	373,913	3,765,441	0.0018
Hillcrest Drive Elem School	1302	375,384	3,764,569	0.0044
Windsor Hill Magnet School	1303	374,735	3,762,558	0.0014
Community Christian Elem	1304	374,502	3,761,177	0.0003
ICEF School	1305	373,575	3,761,806	0.0011
La Tijera Elem School	1306	373,549	3,760,990	0.0004
Frank Parent School	1307	372,980	3,761,081	0.0005
El Rincon Elem School	1308	371,566	3,762,615	0.0010
West La College South	1309	372,008	3,763,263	0.0020
We LA College North	1310	372,011	3,763,812	0.0022
Culver City HS	1311	370,802	3,763,850	0.0005
Residential Receptors				
Brea Crest Dr	355	374,500	3,762,300	0.0026
Shenandoah Ave	1775	373,379	3,762,767	0.0040
Stoneview Ave	1831	372,932	3,764,576	0.0096
S Cloverdale Ave	997	373,900	3,764,100	0.0108
Punta Alta Ave	964	374,200	3,764,000	0.0095

The chronic risk 8-hour results all fall below 0.01 HI at all receptors; therefore, detailed results are not shown.

Table 16 Year 2019 Risk Population Exposure

Risk Level	Population Exposure
Cancer greater than 1 in a million	353

Note: Calculated in HARP2 using Census Block centroids

Table 17 Year 2019 Excess Cancer Burden

Risk Level	Excess Cancer Burden
Excess Cancer Burden	4.3e-4

Note: Calculated in HARP2 using Census Block centroids

Figure 3 Year 2019 Cancer Risk Contours and Location PMI, MEIR, MEIW

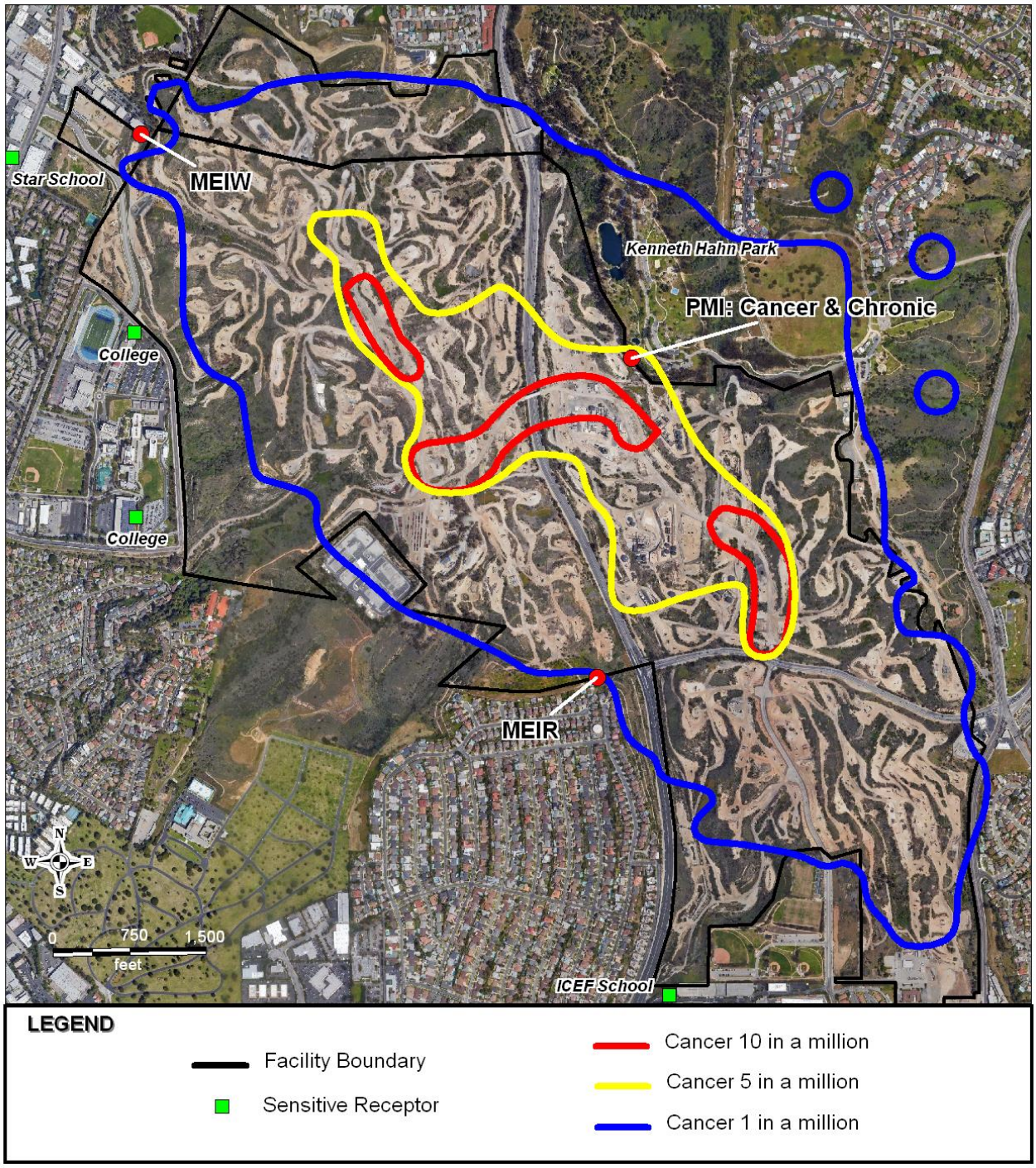
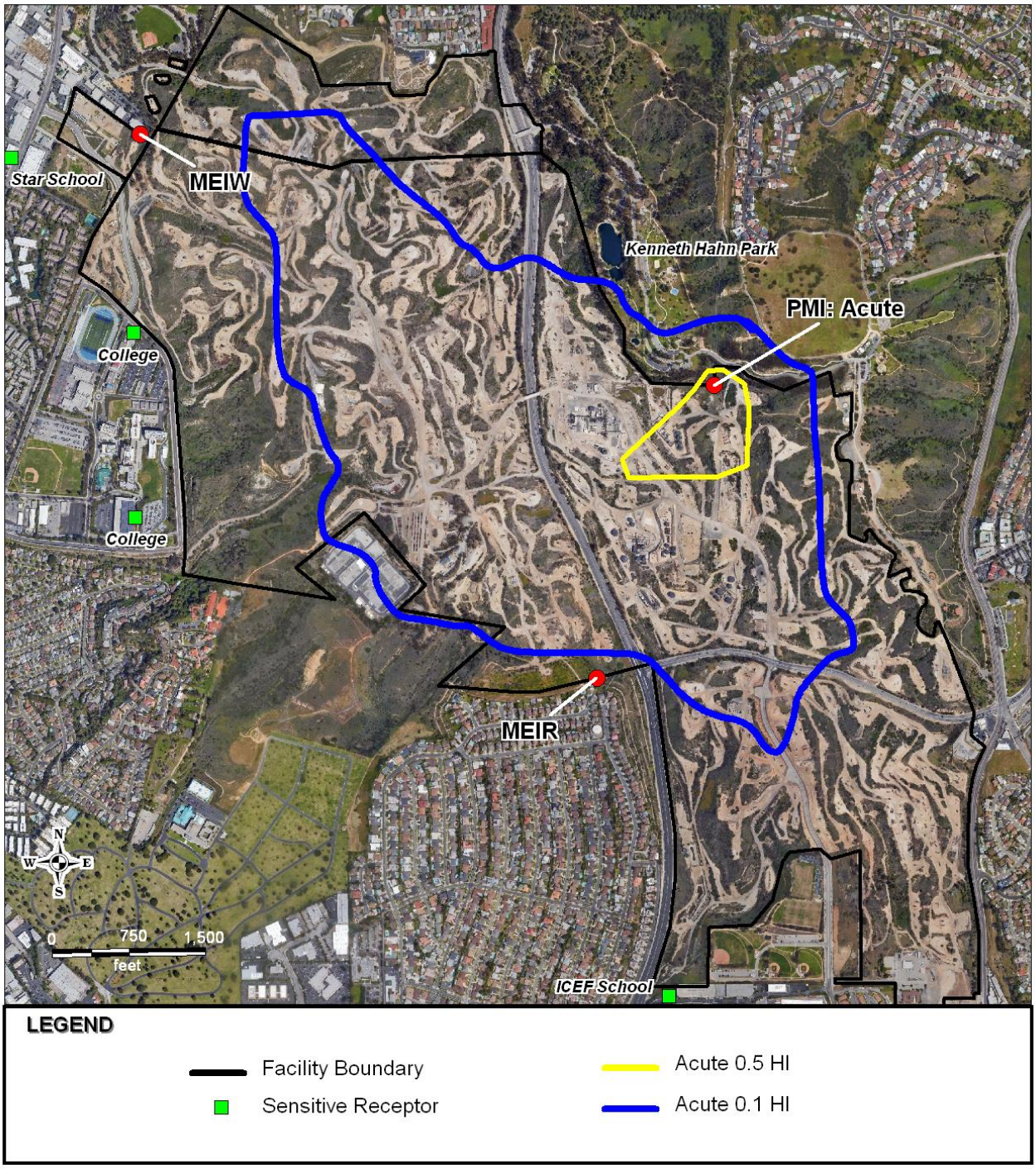


Figure 4 **Year 2019 Acute Risk Contours and Location PMI, MEIR, MEIW**



5.3 Future Operations Health Risk Results

Health risks in the future are a function of the extent of operations, primarily drilling, that may occur in the future. The current operator indicates that future operations would be similar to 2019 with minimal to zero drilling. However, the CSD allows for drilling until the year 2028. After the year 2028, the level of field activities are unknown. Estimated future operations levels are discussed in section 2.6. The health risks are summarized in the following tables for the different future scenarios. As the future operations are speculative, the information is not presented to the same level of detail as Year 2019 which is presented to the AB2588 level of detail. Figure 5.3 shows a map of the cancer risks. The worst case future acute and chronic risk maps are very similar to the 2019 operations.

The cancer risk drivers for the future worst-case scenario is primarily diesel exhaust (64-89% depending on receptor) followed by benzene (9-16%) and arsenic (1-12%). For acute and chronic, the pollutant drivers are similar to the 2019 operating year scenario.

For the worst-case future operations scenario including drilling of 46 wells per year, the estimated peak cancer risks at the facility boundary (PMI at the fence line) would be 13.8 cancer cases per million, and an acute and chronic HI of 0.55 and 0.18. The cancer risk would be above the SCAQMD AB2588 thresholds; however, the peak acute and chronic risks would be below the thresholds. The peak cancer risk would occur near Kenneth Hahn Park along the fence line. The peak cancer risk at the nearest residence would be 5.6, which would be below the SCAQMD AB2588 thresholds.

Based on the worst-case scenario and the 2019 operational scenario, the level of drilling that would result in peak cancer risk levels at the PMI below the SCAQMD threshold level would correspond to about 25 wells drilled per year average.

Table 18 Future Worst Case Risks at the PMI, MEIR, MEIW

Location	Receptor Number	UTM Coordinates		Cancer Risk	Acute Risk	Chronic Risk
		X Coord, m	Y Coord, M			
PMI	1844	373,493	3,763,713	13.8	0.55	0.18
MEIR	1775	373,379	3,762,767	5.63	0.11	0.03
MEIW	1818	372,038	3,764,399	0.34	0.05	0.005

Cancer, acute and chronic risk levels at different receptors are shown in Table 19.

The estimated exposed populations and cancer burden are shown in Tables 20 and 21. These numbers are estimated in the HARP2 modeling program based on census blocks and the resulting modeling results.

Table 19 Future Worst-Case Risks at Other Receptors

Location	Receptor Number	UTM Coordinates		Cancer Risk	Acute Risk	Chronic Risk
Sensitive Receptors						
Star School	1297	371,655	3,764,335	1.71	0.03	0.0030
Village Tree School	1298	371,602	3,765,015	0.60	0.02	0.0014
Linwood How Elem School	1299	371,458	3,765,442	0.39	0.02	0.0010
Willows Community School	1300	372,537	3,765,521	0.45	0.02	0.0014
Baldwin Dill Elem School	1301	373,913	3,765,441	1.16	0.02	0.0055
Hillcrest Drive Elem School	1302	375,384	3,764,569	1.68	0.02	0.0136
Windsor Hill Magnet School	1303	374,735	3,762,558	2.15	0.05	0.0018
Community Christian Elem	1304	374,502	3,761,177	0.41	0.02	0.0011
ICEF School	1305	373,575	3,761,806	1.93	0.04	0.0024
La Tijera Elem School	1306	373,549	3,760,990	0.62	0.02	0.0010
Frank Parent School	1307	372,980	3,761,081	0.82	0.02	0.0012
El Rincon Elem School	1308	371,566	3,762,615	1.63	0.02	0.0032
West LA College South	1309	372,008	3,763,263	3.19	0.04	0.0067
West LA College North	1310	372,011	3,763,812	5.05	0.05	0.0077
Culver City HS	1311	370,802	3,763,850	0.99	0.02	0.0018
Residential Receptors						
Brea Crest Dr	355	374,500	3,762,300	4.14	0.06	0.0034
Shenandoah Ave	1775	373,379	3,762,767	5.63	0.11	0.0129
Stoneview Ave	1831	372,932	3,764,576	4.70	0.06	0.0296
S Cloverdale Ave	997	373,900	3,764,100	3.28	0.07	0.0328
Punta Alta Ave	964	374,200	3,764,000	2.76	0.05	0.0288

Table 20 Future Worst Case Risk Population Exposure

Risk Level	Population Exposure
Cancer greater than 1 in a million	16,797

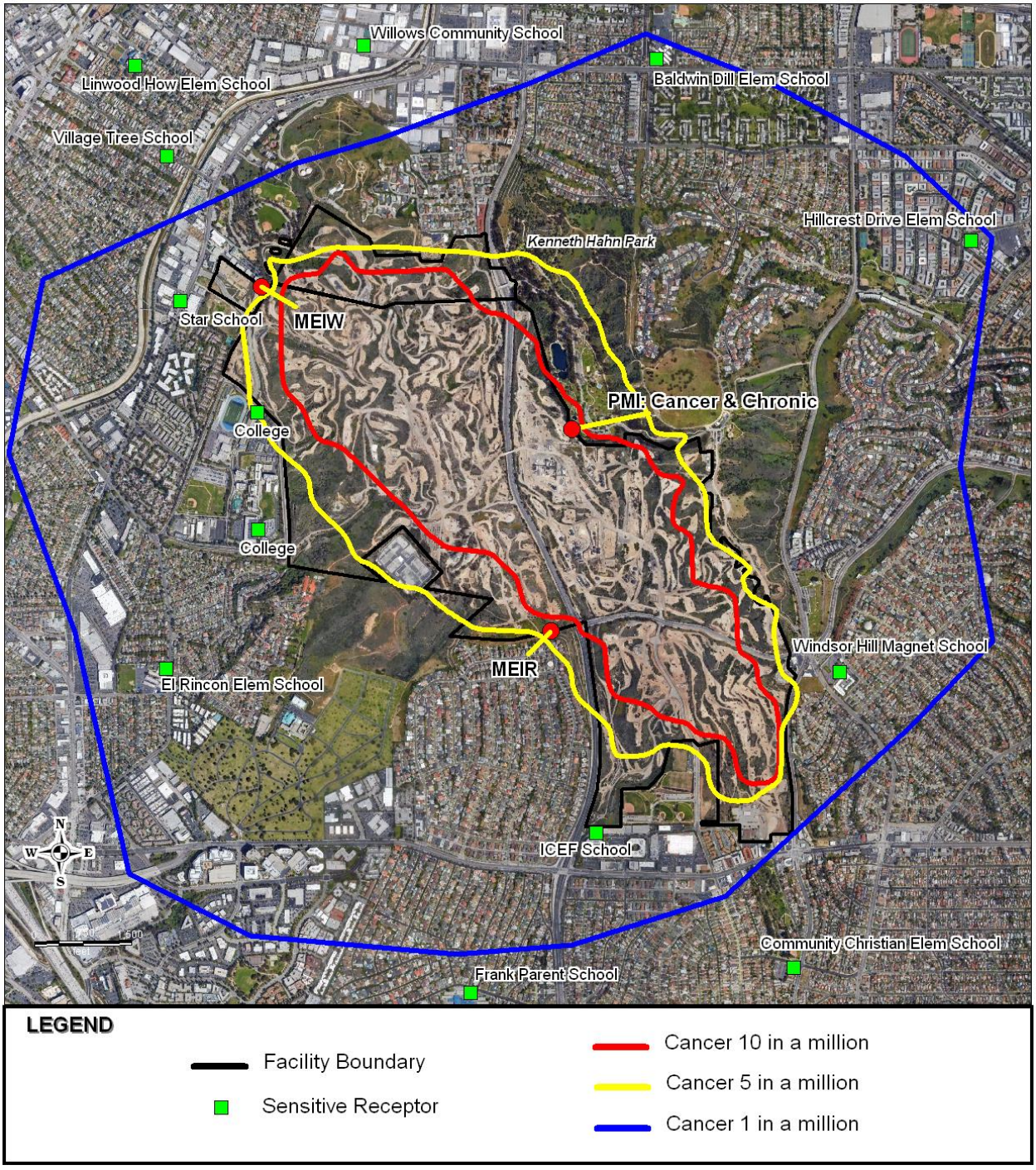
Note: Calculated in HARP2 using Census Block centroids

Table 21 Future Worst Case Excess Cancer Burden

Risk Level	Excess Cancer Burden
Excess Cancer Burden	0.0356

Note: Calculated in HARP2 using Census Block centroids

Figure 5 Future Worst-Case Cancer Risk Contours and Location PMI, MEIR, MEIW



6.0 Appendices

The appendices contain all data, sample calculations, assumptions, and all modeling and risk assessment files that are needed to reproduce the HRA results. Detailed maps of all receptors along with the cancer, acute and chronic results for all receptors are also included in the results attachment. All data and model input and output files are available electronically.

7.0 Computer Files

The list of electronic files that are to be submitted for the HRA are include in Table 22 below.

Table 22 Computer Files

File Name	File Description
HRA Input	All files created by CARB's Air Dispersion Modeling and Risk Tool (ADMRT) Module
HRA Output	
Dispersion Modeling Input	All AERMOD and BPIP files used in the HRA including terrain data. All meteorological data files including any AERMET files if default SCAQMD meteorological data is not used.
Dispersion Modeling Output	
Emission Calculations	Provided in electronic format (e.g., Excel) and documented references (i.e. sample calculations)
Source Tests	Only SCAQMD-approved source tests can be used. SCAQMD approval must be included in submittal. Source Tests are included as Attachment C.
Air Monitoring Data	Any monitoring data used in the HRA should be provided. Met files will be included as developed by BREEZE.

8.0 References

SCAQMD 2016, Supplemental Instructions Reporting Procedures for AB2588 Facilities for Reporting their Quadrennial Air Toxics Emissions Inventory Annual Emissions Reporting Program, December 2016

SCAQMD 2018, AB 2588 and Rule 1402 Supplemental Guidelines, (Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act), September 2018

SDAPCD 1999, San Diego County Air Pollution Control District. Haul Roads, Mineral Industry Sites, Paved & Unpaved, Default Trace Metal Composition. August 1999.

USEPA 2016, Air Toxic Emissions from On-road Vehicles in MOVES2014, EPA-420-R-16-016, November 2016

USEPA 2018, Speciation of Total Organic Gas and Particulate Matter Emissions from On-road Vehicles in MOVES2014b, EPA-420-R-18-012, July 2018

USEPA 2015, Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM2.5 and PM10 Nonattainment and Maintenance Areas, Appendices, EPA-420-B-15-084, November 2015

Appendix A

Supporting Information

Based on
AB 2588 and Rule 1402 Supplemental Guidelines Appendix C

Appendix A – Air Quality and GHG Supporting Information

Section/Table **Page #**

HRA Review Checklist A-1

HRA Review Checklist

Facility Name: Inglewood Oil Field	**Facility ID:** 184301
Street Address: 5640 S Fairfax Ave	
City: Los Angeles	**Zip Code:** 90056
HRA Consultant: MRS Environmental, Inc	**Reviewer:**

Dispersion Modeling

1. Control Pathway
   a. "Regulatory Default Option" checked? **Yes X No**
      i) If No, explain why:_____
   b. Urban Option
      i) "Apply All Sources" checked? **Yes X No**
      ii) "Population" from the latest Census data is added for county? **Yes X No**
      iii) "Roughness Length" = 1.0 (default value) **Yes X No**
2. Source Pathways
   a. Sources
      i) Check if source list is consistent with following documents:
         - Base Year AER source list? **Yes X No used 2019 as base year**
         - District equipment list (permit list)? **Yes X No**
      ii) "Source Type" determined properly? **Yes X No**
      iii) "Volume/Area source dimensions" are reasonable? **Yes X No**
      iv) "UTMs" are consistent with Plot Plan? **Yes X No**
      v) "Elevation" of source(s) are imported from AERMAP output file? **Yes X No**
      vi) Adequate "Emission Rates" used? (default 1 g/s) **Yes X No**
      vii)"Release Heights" reasonable? **Yes X No**
      viii) Stack parameters are consistent with those provided in the report **Yes X No**
      ix) Accurate and sufficient details entered for every source? **Yes X No**
   b. Variable Emissions
      i) Default emission rate used? (default: 1 g/s, 24 hrs/day, 365 days/yr) **Yes X No**
      ii) If not, appropriate emission rate factors are used? (Table 2) **Yes No**
   c. Buildings
      i) All surrounding buildings included? **Yes X No within 5L distance**
      ii) Tier Heights and corner points reasonable? **Yes X No**

- If No in any, _

3. Receptors
   a. Grid receptors
      i) Included? (should be "Yes") **Yes X No**
      ii) Spacing? (should be no greater than 100 meters) **Yes X No**
         - Assumed spacing_____meters
      iii) Elevations included? (should be "Yes") **Yes X No**
      iv) Is gridded area sufficient to cover acceptable risk levels? **Yes X No**
   b. Property boundary receptors
      i) Included? (should be "Yes") **Yes X No**
      ii) Spacing? (should follow guidance in Table 3) **Yes X No**
         - Assumed spacing_____meters
      iii) Elevations included (should be "Yes") **Yes X No**
   c. Sensitive receptors
      i) Included? (should be "Yes" if cancer risks >1 in a million) **Yes X No**
      ii) Elevation included? (should be "Yes") **Yes X No**
      iii) Verified from review of Google Earth or other source **Yes X No**
   d. Census block receptors
      i) Included? (should be "Yes" if cancer risks >1 in a million) **Yes X No**
      ii) Elevation included? (should be "Yes") **Yes X No**
   e. Pathway receptors included? (should be "No") **Yes No X**
4. Meteorology Pathway (The latest met data files shall be used.)
   a. Surface Met Data File: IOF.sfc
   b. Profile Met Data File: IOF.pfl
   c. Base Elevation of Met Station (PROFBASE): 124 meters
   d. Does the Met Station reflect prevailing meteorological conditions (ex., prevailing winds), surrounding land use, and topography that exists at the source? This is not always the closest Met Station (Table 1) **Yes XNo met station is at the site.**
5. Terrain Option
   a. (Step 1) is Anchor location correct? **Yes X No**
   b. (Step 2) is appropriate DEM/NED data file linked? **Yes X No**

i) DEM/NED file used: Beverly hills (30m), Inglewood (10m), Hollywood (30m) and Venice (10m).

ii) Is (Are) the DEM/NED file(s) covering sufficient area? **Yes X No**

c. (Step 3) independently ran AERMAP? **Yes X No**

6. Building Downwash
7. Independently ran BPIP Prime? **Yes X No** Duplication of AERMOD Results
   a. Independently ran AERMOD? **Yes X No**
   b. Average χ/Q first high values for each source group reproduced? **Yes No**
   (not required; useful if diagnosing discrepancies)
   c. Max 1-hour χ/Q first high values for each source group reproduced? **Yes No**
   (not required; useful if diagnosing discrepancies)
8. All plt files are generated successfully? **Yes X No**

Site Visit

- Site visit conducted? **Yes X No**
  a. If Yes, **Date** **Time** ,
  b. Facility Contact: _____
  c. SCAQMD Staff: _____

Program Used

1. Facility submittal package is processed by the latest version of HARP? **Yes X No 19121**
   a. If NOT, name software used: _____
2. This review is performed using the latest version of HARP? **Yes X No 19121**
   a. If NOT, name software used: _____

General Comments

_____

_____

_____

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : Inglewood Oil Field
Facility Address: 5640 S Fairfax Ave, Los Angeles, CA 90056

Type of Business: Oil Field
SCAQMD ID No.: 184301

A. Cancer Risk

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over a period of time)

1. Inventory Reporting Year : 2019
2. Maximum Cancer Risk to Receptors : *(Offsite and residence = 30-year exposure, worker = 25-year exposure)*
   a. Offsite 5.2/13.8 in a million Location: For 2019/Future: Fenceline near KHPark
   b. Residence 1.0/5.6 in a million Location: For 2019/Future: South West of site
   c. Worker 0.07/0.34 in a million Location: For 2019/Future: North West of site
3. Substances Accounting for 90% of Cancer Risk: Benzene, Arsenic, DPM, lead, Cadmium
   Processes Accounting for 90% of Cancer Risk: Well activities, roads, tank fugitives, gas plant fugitives
4. Cancer Burden for a 70-yr exposure: *(Cancer Burden = [cancer risk] x [# of people exposed to specific cancer risk])*
   a. Cancer Burden: 2019: 4.3e-4, Future: 0.0356
   b. Number of people exposed to >1 per million cancer risk for a 70-yr exposure: 2019: 353, Future: 16,797
   c. Maximum distance to edge of 70-year, 1 x 10^{-6} cancer risk isopleth (meters): 2019: 1700', Future: 6000' max

B. Hazard Indices

[Long Term Effects (chronic) and Short Term Effects (acute)]
(non-carcinogenic impacts are estimated by comparing calculated concentration to identified Reference Exposure Levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:
   a. Residence HI: 0.01 Location: NA toxicological endpoint:
   b. Worker HI : < 0.01 Location: toxicological endpoint:
2. Substances Accounting for 90% of Chronic Hazard Index:
3. Maximum 8-hour Chronic Hazard Index:
   8-Hour Chronic HI: < 0.01 Location: NA toxicological endpoint:
4. Substances Accounting for 90% of 8-hour Chronic Hazard Index:
5. Maximum Acute Hazard Index: East side of site
   PMI: 0.48 Location: near KHPark toxicological endpoint:
6. Substances Accounting for 90% of Acute Hazard Index:

C. Public Notification and Risk Reduction

1. Public Notification Required? ___ Yes X No
   a. If 'Yes', estimated population exposed to risks > 10 in a million for a 30-year exposure, or an HI >1
2. Risk Reduction Required? ___ Yes X No

Attachment B

Scenario 1 – 2019 Operations

Spreadsheet details

Attachment B – Scenario 1 – 2019 Operations Spreadsheets

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Summary of Emissions, grams/second	B-2
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Equipment Emissions, AER 2019 Summary	B-4
Construction Activity Emissions	B-14
Drilling Activity Emissions	B-15
Fugitive Emissions	B-17
Vehicle Emissions and Line Source Emissions	B-18
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HARP2 Source Configurations	B-24
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Well Grids and Emissions	B-233
Miscellaneous Calculations	B-314

Summary of Emissions - Fieldwide, Pounds

IOF HRA: Scenario 1 - 2019 operations

		All - Total		Equipment		Drilling		Workovers		Vehicles		Construction	
Pollutant	**CAS**	**Annual Pounds**	**Peak hr pounds**	**Annual Pounds**	**Peak hr pounds**	**Annual Pounds**	**Peak hr pounds**	**Annual Pounds**	**Peak hr pounds**	**Annual Pounds**	**Peak hr pounds**	**Annual Pounds**	**Peak hr pounds**
PAHs [PAH, POM] All except napth	1151	8.0E-01	8.4E-04	5.1E-02	4.2E-04	0.0E+00	0.0E+00	7.4E-01	4.1E-04	0.0E+00	0.0E+00	9.0E-03	4.5E-06
Silica, crystalline5	1175	2.1E+03	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E+03	1.0E+00	0.0E+00	0.0E+00
Diesel exhaust particulates	9901	1.4E+01	3.9E-01	3.7E-01	3.7E-01	0.0E+00	0.0E+00	1.1E+01	6.3E-03	2.7E-01	1.3E-04	1.6E+00	1.3E-02
Formaldehyde	50000	4.1E+01	5.2E-02	1.8E+01	4.0E-02	0.0E+00	0.0E+00	2.3E+01	1.3E-02	0.0E+00	0.0E+00	2.8E-01	1.4E-04
Benzoapyrene	50328	1.8E-05	8.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-05	8.5E-09	0.0E+00	0.0E+00
Carbon tetrachloride	56235	1.1E-05	1.1E-05	1.1E-05	1.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzaanthracene	56553	3.3E-04	1.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-04	1.6E-07	0.0E+00	0.0E+00
Methanol	67561	1.9E-02	1.9E-02	1.9E-02	1.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroform	67663	8.4E-05	8.4E-05	8.4E-05	8.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzene	71432	3.3E+02	4.3E-02	3.2E+02	4.1E-02	0.0E+00	0.0E+00	2.5E+00	1.4E-03	2.8E+00	1.4E-03	3.0E-02	1.5E-05
Vinyl chloride	75014	4.4E-06	4.4E-06	4.4E-06	4.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetaldehyde	75070	8.4E-01	2.6E-02	8.4E-01	2.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methylene chloride {Dichloromethane}	75092	2.5E-03	2.5E-03	2.5E-03	2.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dichloropropane {Propylene dichloride}	78875	8.0E-05	8.0E-05	8.0E-05	8.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2-Trichloroethane {Vinyl trichloride}	79005	9.4E-05	9.4E-05	9.4E-05	9.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2,2-Tetrachloroethane	79345	1.6E-04	1.6E-04	1.6E-04	1.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PAH: napthalene	91203	1.4E+00	5.4E-04	1.2E+00	4.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-01	6.0E-05	0.0E+00	0.0E+00
Ethyl benzene	100414	7.5E+01	1.6E-02	7.4E+01	1.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-01	4.2E-04	0.0E+00	0.0E+00
Styrene	100425	2.0E-01	1.7E-04	7.3E-05	7.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	9.7E-05	0.0E+00	0.0E+00
Ethylene dibromide {1,2-Dibromoethane}	106934	1.3E-05	1.3E-05	1.3E-05	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Butadiene [1,3]	106990	2.9E+00	4.4E-03	2.8E-03	2.8E-03	0.0E+00	0.0E+00	2.9E+00	1.6E-03	0.0E+00	0.0E+00	3.5E-02	1.7E-05
Acrolein	107028	3.5E-01	1.7E-02	3.2E-01	1.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-02	1.7E-05	0.0E+00	0.0E+00
Ethylene dichloride {1,2-Dichloroethane}	107062	6.9E-06	6.9E-06	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Toluene	108883	2.8E+02	3.9E-02	2.7E+02	3.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E+00	3.0E-03	0.0E+00	0.0E+00
Hexane	110543	1.2E+02	1.5E-02	1.2E+02	1.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-01	2.5E-04	0.0E+00	0.0E+00
Benzobfluoranthene	205992	2.4E-04	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-04	1.2E-07	0.0E+00	0.0E+00
Benzokfluoranthene	207089	2.4E-04	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-04	1.2E-07	0.0E+00	0.0E+00
Chrysene	218019	3.7E-04	1.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-04	1.8E-07	0.0E+00	0.0E+00
1,3-Dichloropropene	542756	7.8E-05	7.8E-05	7.8E-05	7.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Xylenes	1330207	1.6E+02	2.2E-02	1.6E+02	2.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E+00	1.7E-03	0.0E+00	0.0E+00
2378TetrachlorodibenzopDioxinTCDD	1746016	4.5E-11	2.2E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-11	2.2E-14	0.0E+00	0.0E+00
Octachlorodibenzopdioxin	3268879	2.6E-09	1.2E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-09	1.2E-12	0.0E+00	0.0E+00
Aluminum	7429905	1.7E+03	8.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E+03	8.1E-01	0.0E+00	0.0E+00
Lead compounds (inorganic)	7439921	1.8E+01	8.8E-03	9.3E-05	9.3E-05	0.0E+00	0.0E+00	1.1E-01	6.0E-05	1.8E+01	8.7E-03	1.3E-03	6.7E-07
Manganese	7439965	2.0E+01	9.6E-03	3.5E-05	3.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E+01	9.6E-03	0.0E+00	0.0E+00
Mercury and mercury compounds	7439976	3.7E-05	2.2E-05	2.2E-05	2.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-05	7.0E-09	0.0E+00	0.0E+00
Nickel	7440020	1.4E+00	7.1E-04	4.4E-05	4.4E-05	0.0E+00	0.0E+00	5.2E-02	2.8E-05	1.3E+00	6.4E-04	6.3E-04	3.1E-07
Arsenic and Compounds (inorganic)	7440382	3.1E-01	1.7E-04	1.8E-05	1.8E-05	0.0E+00	0.0E+00	2.1E-02	1.2E-05	2.9E-01	1.4E-04	2.6E-04	1.3E-07
Barium	7440393	2.0E+01	9.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E+01	9.8E-03	0.0E+00	0.0E+00
Beryllium	7440417	2.1E-02	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-02	1.0E-05	0.0E+00	0.0E+00
Cadmium	7440439	4.8E-01	2.5E-04	1.7E-05	1.7E-05	0.0E+00	0.0E+00	2.0E-02	1.1E-05	4.6E-01	2.2E-04	2.4E-04	1.2E-07
Chromium (total)	7440473	5.2E+00	2.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E+00	2.5E-03	0.0E+00	0.0E+00
Copper	7440508	1.8E+00	9.3E-04	4.6E-05	4.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E+00	8.8E-04	0.0E+00	0.0E+00
Zinc	7440666	1.3E+01	6.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E+01	6.1E-03	0.0E+00	0.0E+00
Hydrochloric acid	7647010	2.1E-03	2.1E-03	2.1E-03	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Ammonia	7664417	4.4E+02	1.9E-01	1.8E+02	4.8E-02	0.0E+00	0.0E+00	2.6E+02	1.4E-01	0.0E+00	0.0E+00	4.7E+00	2.3E-03
Selenium and compounds	7782492	2.1E-02	3.5E-05	2.5E-05	2.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-02	1.0E-05	0.0E+00	0.0E+00
Hydrogen sulfide	7783064	9.7E-01	1.1E-04	9.7E-01	1.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chromium, hexavalent (and compounds)	18540299	1.3E-03	1.9E-06	1.1E-06	1.1E-06	0.0E+00	0.0E+00	1.3E-03	7.3E-07	1.5E-06	7.0E-10	1.6E-05	8.0E-09
123789HexachlorodibenzopDioxin	19408743	2.7E-11	1.3E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-11	1.3E-14	0.0E+00	0.0E+00
1234678HeptachlorodibenzopDioxin	35822469	3.2E-10	1.6E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-10	1.6E-13	0.0E+00	0.0E+00
Octachlorodibenzofuran	39001020	7.5E-10	3.6E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-10	3.6E-13	0.0E+00	0.0E+00
123478HexachlorodibenzopDioxin	39227286	2.1E-11	1.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-11	1.0E-14	0.0E+00	0.0E+00
12378PentachlorodibenzopDioxin	40321764	2.0E-11	9.7E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-11	9.7E-15	0.0E+00	0.0E+00
2378Tetrachlorodibenzofuran	51207319	1.5E-10	7.2E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-10	7.2E-14	0.0E+00	0.0E+00
1234789Heptachlorodibenzofuran	55673897	2.1E-11	1.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-11	1.0E-14	0.0E+00	0.0E+00
23478Pentachlorodibenzofuran	57117314	5.3E-11	2.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-11	2.5E-14	0.0E+00	0.0E+00
12378Pentachlorodibenzofuranj	57117416	7.2E-11	3.4E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-11	3.4E-14	0.0E+00	0.0E+00
123678Hexachlorodibenzofuran	57117449	6.3E-11	3.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-11	3.0E-14	0.0E+00	0.0E+00
123678HexachlorodibenzopDioxin	57653857	4.3E-11	2.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-11	2.1E-14	0.0E+00	0.0E+00
234678Hexachlorodibenzofuran	60851345	7.4E-11	3.6E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-11	3.6E-14	0.0E+00	0.0E+00
1234678Heptachlorodibenzofuran	67562394	6.6E-10	3.2E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-10	3.2E-13	0.0E+00	0.0E+00
123478Hexachlorodibenzofuran	70648269	5.9E-11	2.8E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.9E-11	2.8E-14	0.0E+00	0.0E+00
123789Hexachlorodibenzofuran	72918219	1.7E-11	8.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-11	8.3E-15	0.0E+00	0.0E+00

Summary of Emissions - Fieldwide, grams

IOF HRA: Scenario 1 - 2019 operations

		All - Total		Equipment		Drilling		Workovers		Vehicles		Construction	
Pollutant	CAS	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec
PAHs [PAH, POM] All except napth	1151	1.2E-05	1.1E-04	7.4E-07	5.3E-05	0.0E+00	0.0E+00	1.1E-05	5.1E-05	0.0E+00	0.0E+00	1.3E-07	5.7E-07
Silica, crystalline5	1175	3.0E-02	1.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-02	1.3E-01	0.0E+00	0.0E+00
Diesel exhaust particulates	9901	2.0E-04	5.0E-02	5.4E-06	4.7E-02	0.0E+00	0.0E+00	1.6E-04	7.9E-04	3.9E-06	1.6E-05	2.2E-05	1.6E-03
Formaldehyde	50000	6.0E-04	6.6E-03	2.6E-04	5.0E-03	0.0E+00	0.0E+00	3.3E-04	1.6E-03	0.0E+00	0.0E+00	4.0E-06	1.7E-05
Benzoapyrene	50328	2.6E-10	1.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-10	1.1E-09	0.0E+00	0.0E+00
Carbon tetrachloride	56235	1.6E-10	1.4E-06	1.6E-10	1.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzaanthracene	56553	4.7E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-09	2.0E-08	0.0E+00	0.0E+00
Methanol	67561	2.7E-07	2.4E-03	2.7E-07	2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroform	67663	1.2E-09	1.1E-05	1.2E-09	1.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzene	71432	4.7E-03	5.5E-03	4.6E-03	5.1E-03	0.0E+00	0.0E+00	3.5E-05	1.7E-04	4.1E-05	1.7E-04	4.3E-07	1.9E-06
Vinyl chloride	75014	6.3E-11	5.6E-07	6.3E-11	5.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetaldehyde	75070	1.2E-05	3.3E-03	1.2E-05	3.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methylene chloride {Dichloromethane}	75092	3.6E-08	3.2E-04	3.6E-08	3.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dichloropropane {Propylene dichloride}	78875	1.1E-09	1.0E-05	1.1E-09	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2-Trichloroethane {Vinyl trichloride}	79005	1.4E-09	1.2E-05	1.4E-09	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2,2-Tetrachloroethane	79345	2.2E-09	2.0E-05	2.2E-09	2.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PAH: napthalene	91203	2.0E-05	6.7E-05	1.8E-05	6.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-06	7.6E-06	0.0E+00	0.0E+00
Ethyl benzene	100414	1.1E-03	2.0E-03	1.1E-03	2.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-05	5.3E-05	0.0E+00	0.0E+00
Styrene	100425	2.9E-06	2.1E-05	1.1E-09	9.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-06	1.2E-05	0.0E+00	0.0E+00
Ethylene dibromide {1,2-Dibromoethane}	106934	1.9E-10	1.6E-06	1.9E-10	1.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Butadiene [1,3]	106990	4.2E-05	5.6E-04	4.1E-08	3.6E-04	0.0E+00	0.0E+00	4.1E-05	2.0E-04	0.0E+00	0.0E+00	5.0E-07	2.2E-06
Acrolein	107028	5.1E-06	2.1E-03	4.5E-06	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-07	2.2E-06	0.0E+00	0.0E+00
Ethylene dichloride {1,2-Dichloroethane}	107062	1.0E-10	8.7E-07	1.0E-10	8.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Toluene	108883	4.0E-03	4.9E-03	3.9E-03	4.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.9E-05	3.7E-04	0.0E+00	0.0E+00
Hexane	110543	1.8E-03	1.9E-03	1.8E-03	1.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-06	3.2E-05	0.0E+00	0.0E+00
Benzobfluoranthene	205992	3.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-09	1.5E-08	0.0E+00	0.0E+00
Benzokfluoranthene	207089	3.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-09	1.5E-08	0.0E+00	0.0E+00
Chrysene	218019	5.3E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-09	2.2E-08	0.0E+00	0.0E+00
1,3-Dichloropropene	542756	1.1E-09	9.8E-06	1.1E-09	9.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Xylenes	1330207	2.4E-03	2.8E-03	2.3E-03	2.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-05	2.1E-04	0.0E+00	0.0E+00
2378TetrachlorodibenzopDioxinTCDD	1746016	6.5E-16	2.7E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-16	2.7E-15	0.0E+00	0.0E+00
Octachlorodibenzopdioxin	3268879	3.7E-14	1.5E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-14	1.5E-13	0.0E+00	0.0E+00
Aluminum	7429905	2.4E-02	1.0E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-02	1.0E-01	0.0E+00	0.0E+00
Lead compounds (inorganic)	7439921	2.6E-04	1.1E-03	1.3E-09	1.2E-05	0.0E+00	0.0E+00	1.6E-06	7.6E-06	2.6E-04	1.1E-03	1.9E-08	8.4E-08
Manganese	7439965	2.9E-04	1.2E-03	5.0E-10	4.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-04	1.2E-03	0.0E+00	0.0E+00
Mercury and mercury compounds	7439976	5.3E-10	2.8E-06	3.2E-10	2.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-10	8.8E-10	0.0E+00	0.0E+00
Nickel	7440020	2.0E-05	9.0E-05	6.3E-10	5.5E-06	0.0E+00	0.0E+00	7.4E-07	3.6E-06	1.9E-05	8.1E-05	9.0E-09	3.9E-08
Arsenic and Compounds (inorganic)	7440382	4.5E-06	2.1E-05	2.6E-10	2.2E-06	0.0E+00	0.0E+00	3.0E-07	1.5E-06	4.2E-06	1.7E-05	3.7E-09	1.6E-08
Barium	7440393	2.9E-04	1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-04	1.2E-03	0.0E+00	0.0E+00
Beryllium	7440417	3.0E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07	1.3E-06	0.0E+00	0.0E+00
Cadmium	7440439	6.9E-06	3.1E-05	2.4E-10	2.1E-06	0.0E+00	0.0E+00	2.9E-07	1.4E-06	6.6E-06	2.8E-05	3.5E-09	1.5E-08
Chromium (total)	7440473	7.5E-05	3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-05	3.1E-04	0.0E+00	0.0E+00
Copper	7440508	2.6E-05	1.2E-04	6.6E-10	5.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-05	1.1E-04	0.0E+00	0.0E+00
Zinc	7440666	1.8E-04	7.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-04	7.6E-04	0.0E+00	0.0E+00
Hydrochloric acid	7647010	3.0E-08	2.6E-04	3.0E-08	2.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Ammonia	7664417	6.3E-03	2.4E-02	2.5E-03	6.1E-03	0.0E+00	0.0E+00	3.7E-03	1.8E-02	0.0E+00	0.0E+00	6.7E-05	2.9E-04
Selenium and compounds	7782492	3.0E-07	4.4E-06	3.5E-10	3.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07	1.3E-06	0.0E+00	0.0E+00
Hydrogen sulfide	7783064	1.4E-05	1.4E-05	1.4E-05	1.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chromium, hexavalent (and compounds)	18540299	1.9E-08	2.3E-07	1.6E-11	1.4E-07	0.0E+00	0.0E+00	1.9E-08	9.2E-08	2.1E-11	8.8E-11	2.3E-10	1.0E-09
123789HexachlorodibenzopDioxin	19408743	3.9E-16	1.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-16	1.6E-15	0.0E+00	0.0E+00
1234678HeptachlorodibenzopDioxin	35822469	4.7E-15	2.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-15	2.0E-14	0.0E+00	0.0E+00
Octachlorodibenzofuran	39001020	1.1E-14	4.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-14	4.5E-14	0.0E+00	0.0E+00
123478HexachlorodibenzopDioxin	39227286	3.0E-16	1.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-16	1.3E-15	0.0E+00	0.0E+00
12378PentachlorodibenzopDioxin	40321764	2.9E-16	1.2E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-16	1.2E-15	0.0E+00	0.0E+00
2378Tetrachlorodibenzofuran	51207319	2.2E-15	9.1E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-15	9.1E-15	0.0E+00	0.0E+00
1234789Heptachlorodibenzofuran	55673897	3.0E-16	1.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-16	1.3E-15	0.0E+00	0.0E+00
23478Pentachlorodibenzofuran	57117314	7.6E-16	3.2E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-16	3.2E-15	0.0E+00	0.0E+00
12378Pentachlorodibenzofuranj	57117416	1.0E-15	4.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-15	4.3E-15	0.0E+00	0.0E+00
123678Hexachlorodibenzofuran	57117449	9.1E-16	3.8E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-16	3.8E-15	0.0E+00	0.0E+00
123678HexachlorodibenzopDioxin	57653857	6.2E-16	2.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-16	2.6E-15	0.0E+00	0.0E+00
234678Hexachlorodibenzofuran	60851345	1.1E-15	4.5E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-15	4.5E-15	0.0E+00	0.0E+00
1234678Heptachlorodibenzofuran	67562394	9.5E-15	4.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-15	4.0E-14	0.0E+00	0.0E+00
123478Hexachlorodibenzofuran	70648269	8.6E-16	3.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.6E-16	3.6E-15	0.0E+00	0.0E+00
123789Hexachlorodibenzofuran	72918219	2.5E-16	1.0E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-16	1.0E-15	0.0E+00	0.0E+00

IOF HRA: Scenario 1 - 2019 operations
IOF HRA Emissions Calculations

Inputs for Equipment Emissions

Unit	AER Device ID	2019 Throughput, Annual	Analysis Throughput, Annual	Units	Peak Hourly	Units	Notes
AIR FLOATATION UNIT, AFU #1	ES266	76.3	76.3	M Gal	0.009	M Gal	1
AIR FLOATATION UNIT, AFU #2	ES267	76.3	76.3	M Gal	0.009	M Gal	1
AIR FLOATATION UNIT, AFU #3	ES268	76.3	76.3	M Gal	0.009	M Gal	1
AIR FLOATATION UNIT, AFU #4	ES273	76.3	76.3	M Gal	0.009	M Gal	1
AIR FLOATATION UNIT, AFU #5	ES274	76.3	76.3	M Gal	0.009	M Gal	1
FLARE, GROUND FLARE	ES263	15.1	15.1	mmscf	0.007	mmscf	2
FLOATATION UNIT	ES111	61.4	61.4	M Gal	0.007	M Gal	1
HEATER, H-100	ES69	55.2	55.2	mmscf	0.006	mmscf	1, 5
FIRE PUMP	ES39	11.2	11.2	gal	0.011	Mgal	3, 6
WAUKESHA EMERGENCY Gen	ES230	0.00602	0.00602	mmscf	0.006	mmscf	4, 5
BC 10K Wash Tank 1 (D39)	ES72	10793.0	10793.0	M gal	1.232	M gal	1
BC 10K Wash Tank 2 (D348)	ES77	16189.5	16189.5	M gal	1.848	M gal	1
BC 10K Wash Tank 3 (D350)	ES83	15474.9	15474.9	M gal	1.767	M gal	1
BC 3K Stock Tank (D45)	ES81	21586.0	21586.0	M gal	2.464	M gal	1
BC 5K Stock Tank (D44)	ES80	32378.9	32378.9	M gal	3.696	M gal	1
BC 5K Wash Tank (D349)	ES78	10793.0	10793.0	M gal	1.232	M gal	1
Gasoline Tank & Dispenser	ES309	31992.5	31992.5	gal	3.652	gal	1
LAI 10K Wash Tank 1 (D21)	ES84	17988.3	17988.3	M gal	2.053	M gal	1
LAI 10K Wash Tank 2 (D206)	ES65	17988.3	17988.3	M gal	2.053	M gal	1
LAI 5K Overflow Tank (D360)	ES231	359.8	359.8	M gal	0.041	M gal	1
LAI 5K Stock Tank (D36)	ES101	35976.6	35976.6	M gal	4.107	M gal	1
NUWP 0.5K Surge Tank 2-A (D69)	ES279	4.1	4.1	M gal	0.000	M gal	1
NUWP 0.5K Surge Tank 2-B (D70)	ES280	4.1	4.1	M gal	0.000	M gal	1
NUWP 10K Slop Tank T-1 (D60)	ES269	183.9	183.9	M gal	0.021	M gal	1
NUWP 5K Clean Tank T-10 (D365)	ES285	3.2	3.2	M gal	0.000	M gal	1
NUWP 5K Clean Tank T-6 (D354)	ES283	2.2	2.2	M gal	0.000	M gal	1
NUWP 5K Clean Tank T-9 (D364)	ES284	3.2	3.2	M gal	0.000	M gal	1
NUWP 5K Raw Tank T-1A (D67)	ES277	13520.9	13520.9	M gal	1.543	M gal	1
NUWP 5K Raw Tank T-1B (D68)	ES278	13520.9	13520.9	M gal	1.543	M gal	1
NUWP 5K Raw Tank T-1C/3 (D336)	ES281	13520.9	13520.9	M gal	1.543	M gal	1
NUWP 5K Raw Tank T-1D/5 (D353))	ES282	13520.9	13520.9	M gal	1.543	M gal	1
Packard 5K Clean Oil Tank (D339)	ES297	2635.7	2635.7	M gal	0.301	M gal	1
Packard 5K Stock Tank 1 (D19)	ES295	27838.9	27838.9	M gal	3.178	M gal	1
Packard 5K Stock Tank 2 (D20)	ES296	27838.9	27838.9	M gal	3.178	M gal	1
Packard 5K Stock Tank 3 (D366)	ES289	27838.9	27838.9	M gal	3.178	M gal	1
T/Vic 3K Post-Wemco Tank (D129)	ES110	57.5	57.5	M gal	0.007	M gal	1
T/Vic 3K Pre-Wemco Tank (D128)	ES109	6389.5	6389.5	M gal	0.729	M gal	1
T/Vic 5K Clean Water Tank (D132)	ES114	6.4	6.4	M gal	0.001	M gal	1
T/Vic 5K Stock Tank (D124)	ES55	9012.4	9012.4	M gal	1.029	M gal	1
T/Vic 5K Wash Tank (D346)	ES118	9012.4	9012.4	M gal	1.029	M gal	1
Well Cellars	ES318	2764.8	2764.8	sq ft	0.32	fraction	1
Other Issues							
Increased Wells number from 2019, factor[7]	1.00						
Max number of reworking rigs[8]	6						

Notes: 1) constant operations all year. 2) peak throughput, assumes same as source test.

3) peak throughput based on 0.6 hr testing. 4) peak throughput based on 1 hr testing, waukesha data.

5) used AQMD Reclaim value instead of AER as RECLAIM value is higher

6) AER same as the RECLAIM

7) For future scenario, based on average wells = 1.43. For 2019 scenario = 1.0
for future scenario, only flare, FP, gen, and gasoline assumed not to change

8) CSD allows up to 8. 2019 had max of 6.

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	AQMD A/N #	Permit No	Source Group Type	AER Device ID	ES Name	ES Operating Status	Process Name
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	AQMD A/N #	Permit No	Source Group Type	AER Device ID	ES Name	ES Operating Status	Process Name
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A	A/N: 564886	N28609	Other Processes	ES309	Gasoline Tank & Dispenser	Normal Operation	Gasoline AGST & Dispenser
BC tank farm							
BC tank farm							
BC tank farm							
Packard facilities							
Packard facilities							
Packard facilities							
LAI-A tank farm							
LAI-A tank farm							
LAI-A tank farm							
LAI-B tank farm							
LAI-B tank farm							
LAI-B tank farm							
Tvic Tank Farm							
Tvic Tank Farm							
Tvic Tank Farm							
Tvick Remote Tanks							
Tvick Remote Tanks							
Tvick Remote Tanks							
Water Plant							
Water Plant							
Water Plant							

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	Tank Location	Equipment Type	Tank Type	Fuel Type	HHV	HHV Units	HHV Default (Y/N)	HHV Data Source	Material/ Activity
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	Tank Location	Equipment Type	Tank Type	Fuel Type	HHV	HHV Units	HHV Default (Y/N)	HHV Data Source	Material/ Activity
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A		Other process equipment							
BC tank farm									
BC tank farm									
BC tank farm									
Packard facilities									
Packard facilities									
Packard facilities									
LAI-A tank farm									
LAI-A tank farm									
LAI-A tank farm									
LAI-B tank farm									
LAI-B tank farm									
LAI-B tank farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvick Remote Tanks									
Tvick Remote Tanks									
Tvick Remote Tanks									
Water Plant									
Water Plant									
Water Plant									

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	Material Description	Tank Product	Component Type	Capacity TP	TP Unit	2019 TP	2019 TP Unit	Throughput Type	Throughput Comment
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
Well Cellars				2,764.8	sq ft	2,764.8	sq ft	Input	
Well Cellars				2,764.8	sq ft	2,764.8	sq ft	Input	
Well Cellars				2,764.8	sq ft	2,764.8	sq ft	Input	
Well Cellars				2,764.8	sq ft	2,764.8	sq ft	Input	
Well Cellars				2,764.8	sq ft	2,764.8	sq ft	Input	
Well Cellars				2,764.8	sq ft	2,764.8	sq ft	Input	
Well Cellars				2,764.8	sq ft	2,764.8	sq ft	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	55.2	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal/

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	Material Description	Tank Product	Component Type	Capacity TP	TP Unit	2019 TP	2019 TP Unit	Throughput Type	Throughput Comment
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A				31,992.5	gal	31,992.5	gal	Input	
BC tank farm									
BC tank farm									
BC tank farm									
Packard facilities									
Packard facilities									
Packard facilities									
LAI-A tank farm									
LAI-A tank farm									
LAI-A tank farm									
LAI-B tank farm									
LAI-B tank farm									
LAI-B tank farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvick Remote Tanks									
Tvick Remote Tanks									
Tvick Remote Tanks									
Water Plant									
Water Plant									
Water Plant									

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	TAC Group	Pollutant	Standing Loss EF	Working Loss EF	CAP EF	TAC/GHG EF	EF Unit	EF Comment	EF Data Source
FUGITIVE EMISSIONS Gas Plant	2 - Benzene	71432							
FUGITIVE EMISSIONS Gas Plant	19 - PAHs [PAH, POM]	91203							
FUGITIVE EMISSIONS Gas Plant	40 - Ethyl benzene	100414							
FUGITIVE EMISSIONS Gas Plant	68 - Toluene	108883							
FUGITIVE EMISSIONS Gas Plant	70 - Xylenes	1330207							
FUGITIVE EMISSIONS Gas Plant	32 - Ammonia	7664417							
FUGITIVE EMISSIONS Gas Plant	47 - Hydrogen sulfide	7783064							
FUGITIVE EMISSIONS Field	2 - Benzene	71432							
FUGITIVE EMISSIONS Field	19 - PAHs [PAH, POM]	91203							
FUGITIVE EMISSIONS Field	40 - Ethyl benzene	100414							
FUGITIVE EMISSIONS Field	68 - Toluene	108883							
FUGITIVE EMISSIONS Field	70 - Xylenes	1330207							
FUGITIVE EMISSIONS Field	32 - Ammonia	7664417							
FUGITIVE EMISSIONS Field	47 - Hydrogen sulfide	7783064							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	2 - Benzene	71432				3.19000E-3	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	40 - Ethyl benzene	100414				6.38000E-4	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	68 - Toluene	108883				2.86000E-3	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	70 - Xylenes	1330207				1.98000E-3	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	2 - Benzene	71432				1.20180E-2	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	19 - PAHs [PAH, POM]	91203				5.00000E-5	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	40 - Ethyl benzene	100414				2.40400E-3	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	68 - Toluene	108883				1.07740E-2	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	70 - Xylenes	1330207				7.45900E-3	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	32 - Ammonia	7664417				2.10000E-5	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	47 - Hydrogen sulfide	7783064				4.60000E-5	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	19 - PAHs [PAH, POM]	1151				3.00000E-3	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	12 - Formaldehyde	50000				1.16900E+0	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	2 - Benzene	71432				1.59000E-1	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	29 - Acetaldehyde	75070				4.30000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	19 - PAHs [PAH, POM]	91203				1.10000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	40 - Ethyl benzene	100414				1.44400E+0	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	30 - Acrolein	107028				1.00000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	68 - Toluene	108883				5.80000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	44 - Hexane	110543				2.90000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	70 - Xylenes	1330207				2.90000E-2	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	19 - PAHs [PAH, POM]	1151				1.00000E-4	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	12 - Formaldehyde	50000				1.23000E-1	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	2 - Benzene	71432				5.80000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	29 - Acetaldehyde	75070				3.10000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	19 - PAHs [PAH, POM]	91203				3.00000E-4	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	40 - Ethyl benzene	100414				6.90000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	30 - Acrolein	107028				2.70000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	68 - Toluene	108883				2.65000E-2	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	44 - Hexane	110543				4.60000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	70 - Xylenes	1330207				1.97000E-2	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	32 - Ammonia	7664417				3.20000E+0	lbs/mmscf	No SCR or SNCR	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	19 - PAHs [PAH, POM]	1151				3.62000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	72 - Diesel exhaust particulates	9901				3.35000E+1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	12 - Formaldehyde	50000				1.72610E+0	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	2 - Benzene	71432				1.86300E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	29 - Acetaldehyde	75070				7.83300E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	19 - PAHs [PAH, POM]	91203				1.97000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	40 - Ethyl benzene	100414				1.09000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	4 - Butadiene [1,3]	106990				2.17400E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	30 - Acrolein	107028				3.39000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	68 - Toluene	108883				1.05400E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	44 - Hexane	110543				2.69000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	70 - Xylenes	1330207				4.24000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	15 - Lead compounds (inorganic)	7439921				8.30000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	49 - Manganese	7439965				3.10000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	50 - Mercury and mercury compounds	7439976				2.00000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	17 - Nickel	7440020				3.90000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	14 - Arsenic and Compounds (inorganic)	7440382				1.60000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	5 - Cadmium	7440439				1.50000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	36 - Copper	7440508				4.10000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	46 - Hydrochloric acid	7647010				1.86300E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	32 - Ammonia	7664417				8.00000E-1	lbs/M gal	No SCR or SNCR	AQMD default

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	TAC Group	Pollutant	Standing Loss EF	Working Loss EF	CAP EF	TAC/GHG EF	EF Unit	EF Comment	EF Data Source
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	64 - Selenium and compounds	7782492				2.20000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	13 - Chromium, hexavalent (and compounds)	18540299				1.00000E-4	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	12 - Formaldehyde	50000				2.09100E+0	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	6 - Carbon tetrachloride	56235				1.80540E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	51 - Methanol	67561				3.12120E+0	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	35 - Chloroform	67663				1.39740E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	2 - Benzene	71432				1.61160E-1	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	21 - Vinyl chloride	75014				7.32360E-4	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	29 - Acetaldehyde	75070				2.84580E+0	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	16 - Methylene chloride {Dichloromethane}	75092				4.20240E-1	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	27 - 1,2-Dichloropropane {Propylene dichloride}	78875				1.32600E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	25 - 1,1,2-Trichloroethane {Vinyl trichloride}	79005				1.56060E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	24 - 1,1,2,2-Tetrachloroethane	79345				2.58060E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	19 - PAHs [PAH, POM]	91203				9.90420E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	40 - Ethyl benzene	100414				2.52960E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	66 - Styrene	100425				1.21380E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	9 - Ethylene dibromide {1,2-Dibromoethane}	106934				2.17260E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	4 - Butadiene [1,3]	106990				6.76260E-2	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	30 - Acrolein	107028				2.68260E+0	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	10 - Ethylene dichloride {1,2-Dichloroethane}	107062				1.15260E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	68 - Toluene	108883				5.69160E-1	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	28 - 1,3-Dichloropropene	542756				1.29540E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	70 - Xylenes	1330207				1.98900E-1	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	32 - Ammonia	7664417				3.20000E+0	lbs/mmscf	NSCR-equipped, no SCR or SNCR	AQMD default
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A	2 - Benzene	71432				1.80000E-5	lbs/gal	1% benzene by wt	AQMD default
BC tank farm	2 - Benzene	71432							
BC tank farm	68 - Toluene	108883							
BC tank farm	44 - Hexane	110543							
Packard facilities	2 - Benzene	71432							
Packard facilities	68 - Toluene	108883							
Packard facilities	44 - Hexane	110543							
LAI-A tank farm	2 - Benzene	71432							
LAI-A tank farm	68 - Toluene	108883							
LAI-A tank farm	44 - Hexane	110543							
LAI-B tank farm	2 - Benzene	71432							
LAI-B tank farm	68 - Toluene	108883							
LAI-B tank farm	44 - Hexane	110543							
Tvic Tank Farm	2 - Benzene	71432							
Tvic Tank Farm	68 - Toluene	108883							
Tvic Tank Farm	44 - Hexane	110543							
Tvick Remote Tanks	2 - Benzene	71432							
Tvick Remote Tanks	68 - Toluene	108883							
Tvick Remote Tanks	44 - Hexane	110543							
Water Plant	2 - Benzene	71432							
Water Plant	68 - Toluene	108883							
Water Plant	44 - Hexane	110543							

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	RECLAIM pollutant (Y/N)	CE	Annual TAC Ems (lbs)	Pk Hour TAC Ems (lbs)
FUGITIVE EMISSIONS Gas Plant			4.1E+1	4.7E-3
FUGITIVE EMISSIONS Gas Plant			1.7E-1	2.0E-5
FUGITIVE EMISSIONS Gas Plant			8.3E+0	9.4E-4
FUGITIVE EMISSIONS Gas Plant			3.7E+1	4.2E-3
FUGITIVE EMISSIONS Gas Plant			2.6E+1	2.9E-3
FUGITIVE EMISSIONS Gas Plant			7.1E-2	8.1E-6
FUGITIVE EMISSIONS Gas Plant			1.6E-1	1.8E-5
FUGITIVE EMISSIONS Field			1.8E+2	2.1E-2
FUGITIVE EMISSIONS Field			7.5E-1	8.6E-5
FUGITIVE EMISSIONS Field			3.6E+1	4.1E-3
FUGITIVE EMISSIONS Field			1.6E+2	1.9E-2
FUGITIVE EMISSIONS Field			1.1E+2	1.3E-2
FUGITIVE EMISSIONS Field			3.1E-1	3.6E-5
FUGITIVE EMISSIONS Field			6.9E-1	7.9E-5
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		1.4E+0	1.6E-4
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		2.8E-1	3.1E-5
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		1.2E+0	1.4E-4
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		8.6E-1	9.8E-5
Well Cellars	No		3.3E+1	3.8E-3
Well Cellars	No		1.4E-1	1.6E-5
Well Cellars	No		6.6E+0	7.6E-4
Well Cellars	No		3.0E+1	3.4E-3
Well Cellars	No		2.1E+1	2.4E-3
Well Cellars	No		5.8E-2	6.6E-6
Well Cellars	No		1.3E-1	1.5E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		4.5E-2	2.0E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		1.8E+1	7.7E-3
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		2.4E+0	1.1E-3
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		6.5E-1	2.8E-4
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		1.7E-1	7.3E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		2.2E+1	9.6E-3
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		1.5E-1	6.6E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		8.7E-1	3.8E-4
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		4.4E-1	1.9E-4
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		4.4E-1	1.9E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		5.5E-3	6.3E-7
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		6.8E-1	7.7E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		3.2E-1	3.7E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.7E-1	2.0E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.7E-2	1.9E-6
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		3.8E-1	4.3E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.5E-1	1.7E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.5E+0	1.7E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		2.5E-1	2.9E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.1E+0	1.2E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.8E+2	2.0E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.0E-4	4.0E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.7E-1	3.7E-1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.9E-2	1.9E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.1E-3	2.1E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		8.7E-3	8.7E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.2E-4	2.2E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.2E-4	1.2E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.4E-3	2.4E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.8E-4	3.8E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.2E-3	1.2E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.0E-4	3.0E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.7E-4	4.7E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		9.3E-5	9.3E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.5E-5	3.5E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.2E-5	2.2E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.4E-5	4.4E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.8E-5	1.8E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.7E-5	1.7E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.6E-5	4.6E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.1E-3	2.1E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		8.9E-3	8.9E-3

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario 1 - 2019 operations

Permit Equipment Description	RECLAIM pollutant (Y/N)	CE	Annual TAC Ems (lbs)	Pk Hour TAC Ems (lbs)
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.5E-5	2.5E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.1E-6	1.1E-6
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.3E-2	1.3E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.1E-5	1.1E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.9E-2	1.9E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		8.4E-5	8.4E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		9.7E-4	9.7E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		4.4E-6	4.4E-6
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.7E-2	1.7E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		2.5E-3	2.5E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		8.0E-5	8.0E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		9.4E-5	9.4E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.6E-4	1.6E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		6.0E-5	6.0E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.5E-4	1.5E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		7.3E-5	7.3E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.3E-5	1.3E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		4.1E-4	4.1E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.6E-2	1.6E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		6.9E-6	6.9E-6
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		3.4E-3	3.4E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		7.8E-5	7.8E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.2E-3	1.2E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.9E-2	1.9E-2
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A	No		5.8E-1	6.6E-5
BC tank farm			2.0E+1	2.3E-3
BC tank farm			1.2E+1	1.4E-3
BC tank farm			4.0E+1	4.6E-3
Packard facilities			1.3E+1	1.5E-3
Packard facilities			7.8E+0	8.9E-4
Packard facilities			2.6E+1	3.0E-3
LAI-A tank farm			7.6E+0	8.7E-4
LAI-A tank farm			4.4E+0	5.1E-4
LAI-A tank farm			1.5E+1	1.7E-3
LAI-B tank farm			4.6E+0	5.2E-4
LAI-B tank farm			2.7E+0	3.0E-4
LAI-B tank farm			9.0E+0	1.0E-3
Tvic Tank Farm			3.9E+0	4.5E-4
Tvic Tank Farm			2.3E+0	2.6E-4
Tvic Tank Farm			7.7E+0	8.8E-4
Tvick Remote Tanks			1.6E+0	1.8E-4
Tvick Remote Tanks			9.1E-1	1.0E-4
Tvick Remote Tanks			3.1E+0	3.5E-4
Water Plant			1.1E+1	1.2E-3
Water Plant			6.2E+0	7.1E-4
Water Plant			2.1E+1	2.4E-3

Construction Activities

Equipment	Load Factor	BHP	Number	Use, Hours/Year	PM EF, g/bhp-hr	Fuel use, gal/yr	DPM, Lbs/yr	DPM, Lbs/hr
Rubber Tire 950G	0.36	203	1	88	0.0225	329	0.32	0.00
Cat Backhoe	0.37	97	1	287	0.0225	526	0.51	0.00
John Deere Skip Loader	0.37	97	1	220	0.0225	400	0.39	0.00
Cat Grader	0.41	187	1	76	0.0225	298	0.29	0.00
Fork Lift Maint. Yard	0.20	89	1	21	0.0225	19	0.02	0.00
Manitou Fork Lift	0.20	89	1	38	0.0225	35	0.03	0.00
Total						1,607	1.56	0.01

Load factor from CalEEMod. EF based on Tier III with 85% level III catalysts
BHP from EIR
PM EF based on Tier III with 85% reduction as per CSD
Fuel consumptions AP-42, gal/bhp-hr 0.0511
Hours/year based on Applicant 2018 data submittal

Toxic Compound	CAS NO.	EF, lb/1000 gal	Annual Emissions, lbs	Peak Hr Emissions, lbs
PAHs non-Napth	1151	0.00559	8.98E-03	4.49E-06
DPM	9901	-	1.56	0.01
Formaldehyde	50000	0.17261	2.77E-01	1.39E-04
Benzene	71432	0.01863	2.99E-02	1.50E-05
Acetaldehyde	75070	0.07833	1.26E-01	6.29E-05
PAHs Napth	91203	0.00197	3.17E-03	1.58E-06
Ethyl benzene	100414	0.00109	1.75E-03	8.76E-07
1,3-Butadiene	106990	0.02174	3.49E-02	1.75E-05
Acrolein	107028	0.00339	5.45E-03	2.72E-06
Toluene	108883	0.01054	1.69E-02	8.47E-06
Hexane	110543	0.00269	4.32E-03	2.16E-06
Xylenes	1330207	0.00424	6.81E-03	3.41E-06
Lead	7439921	0.00083	1.33E-03	6.67E-07
Manganese	7439965	0.00031	4.98E-04	2.49E-07
Mercury and mercury compounds	7439976	0.0002	3.21E-04	1.61E-07
Nickel	7440020	0.00039	6.27E-04	3.13E-07
Arsenic	7440382	0.00016	2.57E-04	1.29E-07
Cadmium	7440439	0.00015	2.41E-04	1.20E-07
Copper	7440508	0.00041	6.59E-04	3.29E-07
Hydrochloric acid	7647010	0.01863	2.99E-02	1.50E-05
Ammonia*	7664417	2.9	4.66E+00	2.33E-03
Selenium and compounds	7782492	0.00022	3.53E-04	1.77E-07
Hexavalent chromium	18540299	0.00001	1.61E-05	8.03E-09

Peak hour based on 8 hrs/day, 250 days/yr
Use of Tier 4 or Tier 3 with catalyst allows for a fraction reduction of 85%
DPM Emissions based on top table

Drilling Emissions

IOF HRA: Scenario 1 - 2019 operations

Inputs

Drilling Equipment	Load Factor	BHP	Number	PM EF, g/bhp-hr	Fuel use per Well, gal	DPM, per well, Lbs
Draw works	0.20	475	1	0.015	1,165.1	0.75
Mud pump	0.20	1005	1	0.015	2,465.1	1.60
Generator	0.30	415	1	0.015	1,526.9	0.99
Total					5,157.0	3.3

Based on Ensign 515 Rig from EIR

Load factor based on historical fuel use as per EIR

Assumes 90% reduction from Tier 3 engine as per CSD

Site Preparation Equipment	Load Factor	BHP	Number	PM EF, g/bhp-hr	Fuel use per Well, gal	DPM, per well, Lbs
Crane	0.29	120	3	0.015	170.7	0.11
Loader	0.36	250	3	0.015	441.5	0.29
Welding Machine	0.45	120	3	0.015	264.9	0.17
Forklift	0.20	120	3	0.015	117.7	0.08
Backhoe	0.37	120	3	0.015	217.8	0.14
Total					1,212.7	0.78

Load factor from CalEEMod. EF based on Tier III with 90% level III catalysts

BHP from EIR

PM EF based on Tier III with 85% reduction as per CSD

Fuel consumptions AP-42, gal/bhp-hr *0.0511*

Durations and Counts

Drilling duration, days/well	10	based on EIR
Drilling, hrs/day	24	based on EIR
Site Prep duration, days/well	4	based on average in EIR
Site prep, hrs/day	8	estimated
Number of wells annually	0	53 peak, as per CSD max annual allowed
Number of wells total additional	0	See below, as per CSD/Agreement 500 wells thru 2028
Number of wells peak hour	0	2, as per Settlement Agreement allowed

TAC Emissions

Toxic Compound	CAS NO.	EF, lb/1000 gal	Annual Emissions, lbs	Peak Hr Emissions, lbs
PAHs non-Napth	1151	0.0056	0.00E+00	0.00E+00
DPM	9901	-	0.0	0.00E+00
Formaldehyde	50000	0.1726	0.00E+00	0.00E+00
Benzene	71432	0.0186	0.00E+00	0.00E+00
Acetaldehyde	75070	0.0783	0.00E+00	0.00E+00
PAHs Napth	91203	0.0020	0.00E+00	0.00E+00
Ethyl benzene	100414	0.0011	0.00E+00	0.00E+00
1,3-Butadiene	106990	0.0217	0.00E+00	0.00E+00
Acrolein	107028	0.0034	0.00E+00	0.00E+00
Toluene	108883	0.0105	0.00E+00	0.00E+00
Hexane	110543	0.0027	0.00E+00	0.00E+00
Xylenes	1330207	0.0042	0.00E+00	0.00E+00
Lead	7439921	0.0008	0.00E+00	0.00E+00
Manganese	7439965	0.0003	0.00E+00	0.00E+00
Mercury and mercury compounds	7439976	0.0002	0.00E+00	0.00E+00
Nickel	7440020	0.0004	0.00E+00	0.00E+00
Arsenic	7440382	0.0002	0.00E+00	0.00E+00
Cadmium	7440439	0.0002	0.00E+00	0.00E+00
Copper	7440508	0.0004	0.00E+00	0.00E+00
Hydrochloric acid	7647010	0.0186	0.00E+00	0.00E+00
Ammonia*	7664417	2.9000	0.00E+00	0.00E+00
Selenium and compounds	7782492	0.0002	0.00E+00	0.00E+00
Hexavalent chromium	18540299	0.0000	0.00E+00	0.00E+00

**Assumes use of an NSCR system as per SCAQMD AER Tool*

Peak hour based on drilling activities only

Annual emissions based on peak year

Source of EF: SCAQMD Supplemental AB2588 instruction 2019 and AER Reporting Tool ONLINE with 90% reduction as per CSD

Well Drilling Allowed- Possible Worst Case Drilling/Abandonment Scenario

CSD and Settlement Agreement

Year	Wells Drilled /yr	Bonus Used /yr	Annual Wells Drilled	Wells Cumulative	Wells Abandoned	Bonus Earned	Bonus Remaining	Field Active Oil wells
2009	0	0	0	0	10	5	5	517
2010	19	0	19	19	2	2	7	527
2011	40	5	45	64	4	2	4	510
2012	20	0	20	84	4	3	7	469
2013	30	0	30	114	8	7	14	453
2014	18	0	18	132	5	1	15	431
2015	0	0	0	132	10	7	22	418
2016	0	0	0	132	8	6	28	428
2017	0	0	0	132	0	0	28	436
2018	0	0	0	132	2	2	30	436
2019	0	0	0	132	7	4	34	438
2020	0	0	0	132	12	6	40	426
2021	35	18	53	185	11	7	29	468
2022	35	11	46	231	11	7	25	503
2023	35	10	45	276	11	7	22	537
2024	35	10	45	321	11	7	19	571
2025	35	10	45	366	11	7	16	605
2026	35	10	45	411	10	6	12	640
2027	35	10	45	456	10	6	8	675
2028	33	11	44	500	5	3	0	714
Total		95		500	152	95		
Average since 2020								

Bonus remaining as of 2019 *34*
Average rate of abandoning thru 2019/yr *5.5*
Average rate of bonus wells thru 2019/yr *3.5*
Average fraction bonus or abandoned *0.65*
Wells drilled remainder 2020-2028 *368*
Wells/yr 30 yr avg *12.3*
Wells/yr avg through 2028 *46.0*
Active Oil wells through 2028 avg *571*
Well factor through 2028 *1.30*
Active oil wells in 2019 = 438
Field Active Wells assumes all wells are oil wells

Future Wells Post 2028

Year	Wells Abandoned	Field Active Oil wells
2029	5.5	709
2030	5.5	703
2031	5.5	698
2032	5.5	692
2033	5.5	687
2034	5.5	681
2035	5.5	676
2036	5.5	670
2037	5.5	665
2038	5.5	659
2039	5.5	654
2040	5.5	649
2041	5.5	643
2042	5.5	638
2043	5.5	632
2044	5.5	627
2045	5.5	621
2046	5.5	616
2047	5.5	610
2048	5.5	605
2049	5.5	599
2050	5.5	594
Average Since 2020	5.5	628

Assumes no drilling after 2028
Avg number of well 2020 through 2050 *628*
Well factor 2020-2050 *1.43*

Tank Farms, Gas Plant and Field Fugitives

Fugitive Components: 2019 SCAQMD 1173 Report Form D

Area	Component	Q1	Q2	Q3	Q4	Average
Gas Plant	Valves	3,762	3,748	3,784	3,765	3,765
	Fittings	12,381	12,289	13,177	12,355	12,551
	Others	1,259	1,255	1,266	1,263	1,261
	Pumps LL	15	15	15	15	15
	Pumps HL	0	0	0	0	0
	Compressors	36	36	36	36	36
	PRDs	94	91	97	94	94
	Total	17,547	17,434	18,375	17,528	17,721
Field	Valves	19,087	19,166	19,295	19,262	19,203
	Fittings	39,051	39,131	39,667	39,253	39,276
	Others	10,272	10,276	10,347	10,290	10,296
	Pumps LL	51	51	51	52	51
	Pumps HL	2	2	2	2	2
	Compressors	14	14	14	14	14
	PRDs	69	69	77	69	71
	Total	68,546	68,709	69,453	68,942	68,913

Combined	Valves	22,849	22,914	23,079	23,027	22,967
	Fittings	51,432	51,420	52,844	51,608	51,826
	Others	11,531	11,531	11,613	11,553	11,557
	Pumps LL	66	66	66	67	66
	Pumps HL	2	2	2	2	2
	Compressors	50	50	50	50	50
	PRDs	163	160	174	163	165
	Total	86,093	86,143	87,828	86,470	86,634

Vehicle Emissions

Pickup Truck Summary, SPR and Contractors, gasoline

Type	EMFAC Class	Miles	EMFAC17 ROC EF g/mile	Weight, tons
F-150	MDVG	203,559	0.0999	3.6
F-250	LHD1G	36,545	0.1065	4.6
F-350	LHD2G	7,048	0.0810	6.0
F-450	LHD2G	5,771	0.0810	6.0
C-1500	MDVG	22,053	0.0999	3.6
Annual Total and Weighted g/mile		274,976	0.0999	3.9

Med Trucks Summary, diesel

Type	EMFAC Class	Miles	EMFAC17 DPM EF g/mile	Weight, tons
Water Trucks	T6 CAIRP heavy	1,747	0.0307	15
Delivery Trucks	T6 CAIRP heavy	1,044	0.0307	15
Maintenance Trucks	T6 CAIRP heavy	1,249	0.0307	15
Annual Total and Weighted g/mile		4,040	0.0307	15
Line source, annual g/mile of line source			51.7971	
Line source, pk hr g/mile of line source			0.0248	
All vehicles weighted weight, tons				4.0

261 working days per year, 8 hours per day

Main IOF route distance, miles 2.4

Water truck assumes 2 trips around main route per day, 365 days/yr

Delivery trucks assume entrance to storage area (1 mile OW), 2 deliveries per work day

Maintenace trucks assume 2 routes aound main road per work day

TAC Emissions, Gasoline Combustion Vehicles 0-20% ethanol

ROC EF Annual Emissions, g/mile --->	0.09986
ROC EF Peak Hr Emissions, g/mile --->	0.09986
Total Annual Miles all gasoline vehicles --->	274,976
Total truck miles	4,040
Total Peak Hr Miles all gasoline vehicles --->	132
Total peak hour, truck miles	1.9
All line sourceslength, Annual, miles --->	2.4
All line sourceslength, Peak Hr, miles --->	2.4

Line Source Emissions

Compound	CAS	Value	Type	Emissions, g/line source mile/yr: Annual	Emissions, g/line source mile/yr: Peak hour	Total Annual, Pounds	Total Peak Hour, lbs
Acrolein	107028	6.0E-04	TAC/VOC fraction	6.9E+00	3.3E-03	3.6E-02	1.7E-05
Diesel exhaust particulates	9901			5.2E+01	2.5E-02	2.7E-01	1.3E-04
Benzaanthracene	56553	5.4E-06	TAC/VOC fraction	6.2E-02	3.0E-05	3.3E-04	1.6E-07
Benzoapyrene	50328	2.9E-07	TAC/VOC fraction	3.4E-03	1.6E-06	1.8E-05	8.5E-09
Benzobfluoranthene	205992	4.0E-06	TAC/VOC fraction	4.6E-02	2.2E-05	2.4E-04	1.2E-07
Benzokfluoranthene	207089	4.0E-06	TAC/VOC fraction	4.6E-02	2.2E-05	2.4E-04	1.2E-07
Chrysene	218019	6.1E-06	TAC/VOC fraction	6.9E-02	3.3E-05	3.7E-04	1.8E-07
EthylBenzene	100414	1.4E-02	TAC/VOC fraction	1.7E+02	7.9E-02	8.7E-01	4.2E-04
Naphthalene	91203	2.1E-03	TAC/VOC fraction	2.4E+01	1.1E-02	1.3E-01	6.0E-05
nHexane	110543	8.7E-03	TAC/VOC fraction	1.0E+02	4.8E-02	5.3E-01	2.5E-04
Styrene	100425	3.3E-03	TAC/VOC fraction	3.8E+01	1.8E-02	2.0E-01	9.7E-05
Toluene	108883	1.0E-01	TAC/VOC fraction	1.2E+03	5.6E-01	6.2E+00	3.0E-03
Xylene	1330207	5.7E-02	TAC/VOC fraction	6.6E+02	3.2E-01	3.5E+00	1.7E-03
Benzene	71432	4.7E-02	TAC/VOC fraction	5.4E+02	2.6E-01	2.8E+00	1.4E-03
1234678Heptachlorodibenzofuran	67562394	1.1E-12	g/mile	1.3E-07	6.0E-11	6.6E-10	3.2E-13
1234678HeptachlorodibenzopDioxin	35822469	5.4E-13	g/mile	6.2E-08	2.9E-11	3.2E-10	1.6E-13
1234789Heptachlorodibenzofuran	55673897	3.5E-14	g/mile	4.0E-09	1.9E-12	2.1E-11	1.0E-14
123478Hexachlorodibenzofuran	70648269	9.8E-14	g/mile	1.1E-08	5.4E-12	5.9E-11	2.8E-14
123478HexachlorodibenzopDioxin	39227286	3.5E-14	g/mile	4.0E-09	1.9E-12	2.1E-11	1.0E-14
123678Hexachlorodibenzofuran	57117449	1.0E-13	g/mile	1.2E-08	5.7E-12	6.3E-11	3.0E-14
123678HexachlorodibenzopDioxin	57653857	7.1E-14	g/mile	8.2E-09	3.9E-12	4.3E-11	2.1E-14
123789Hexachlorodibenzofuran	72918219	2.9E-14	g/mile	3.3E-09	1.6E-12	1.7E-11	8.3E-15
123789HexachlorodibenzopDioxin	19408743	4.4E-14	g/mile	5.1E-09	2.4E-12	2.7E-11	1.3E-14
12378Pentachlorodibenzofuranj	57117416	1.2E-13	g/mile	1.4E-08	6.5E-12	7.2E-11	3.4E-14
12378PentachlorodibenzopDioxin	40321764	3.3E-14	g/mile	3.8E-09	1.8E-12	2.0E-11	9.7E-15
234678Hexachlorodibenzofuran	60851345	1.2E-13	g/mile	1.4E-08	6.7E-12	7.4E-11	3.6E-14
23478Pentachlorodibenzofuran	57117314	8.7E-14	g/mile	1.0E-08	4.8E-12	5.3E-11	2.5E-14
2378Tetrachlorodibenzofuran	51207319	2.5E-13	g/mile	2.9E-08	1.4E-11	1.5E-10	7.2E-14
2378TetrachlorodibenzopDioxinTCDD	1746016	7.4E-14	g/mile	8.6E-09	4.1E-12	4.5E-11	2.2E-14
Arsenic[1]	7440382	4.8E-04	g/mile	5.5E+01	2.6E-02	2.9E-01	1.4E-04
Chromiumhexavalent6	18540299	2.4E-09	g/mile	2.8E-04	1.3E-07	1.5E-06	7.0E-10
Manganese[1]	7439965	3.3E-02	g/mile	3.8E+03	1.8E+00	2.0E+01	9.6E-03
MercuryElementalGaseous	7439976	2.4E-08	g/mile	2.8E-03	1.3E-06	1.5E-05	7.0E-09
Nickel[1]	7440020	2.2E-03	g/mile	2.5E+02	1.2E-01	1.3E+00	6.4E-04
Octachlorodibenzofuran	39001020	1.2E-12	g/mile	1.4E-07	6.8E-11	7.5E-10	3.6E-13
Octachlorodibenzopdioxin	3268879	4.2E-12	g/mile	4.9E-07	2.3E-10	2.6E-09	1.2E-12
Aluminum[2]	7429905	0.080509	lb/lb PM30	7.0E+02	3.4E-01	1.7E+03	8.1E-01
Barium[2]	7440393	0.000979	lb/lb PM30	8.6E+00	4.1E-03	2.0E+01	9.8E-03
Beryllium [2]	7440417	0.000001	lb/lb PM30	8.7E-03	4.2E-06	2.1E-02	1.0E-05
Cadmium [2]	7440439	0.000022	lb/lb PM30	1.9E-01	9.2E-05	4.6E-01	2.2E-04
Chromium (total)[2]	7440473	0.000248	lb/lb PM30	2.2E+00	1.0E-03	5.2E+00	2.5E-03
Copper[2]	7440508	0.000088	lb/lb PM30	7.7E-01	3.7E-04	1.8E+00	8.8E-04
Lead[2]	7439921	0.000867	lb/lb PM30	7.6E+00	3.6E-03	1.8E+01	8.7E-03
Selenium[2]	7782492	0.000001	lb/lb PM30	8.7E-03	4.2E-06	2.1E-02	1.0E-05
Silica, crystalline[2]	1175	0.1	lb/lb PM30	8.7E+02	4.2E-01	2.1E+03	1.0E+00
Zinc[2]	7440666	0.000605	lb/lb PM30	5.3E+00	2.5E-03	1.3E+01	6.1E-03

Metals reduction fraction, arsenic	0.2	is a function of PM2.5 emissions, used PM2.5 ratio
Metals reduction fraction, hex chromium	0.2	emissions are reduced by the fraction of PM2.5 2020 aggregate
Metals reduction fraction, mercury	0.2	emissions are reduced by the fraction of PM2.5 2020 aggregate
Dioxin reduction	0.09	based on year 2000 vehicles ROG emissions
Roadways amount paved	0.50	fraction paved
Fugitive Dust, PM30 lbs/VMT	0.075	see below, unpaved roads with 2x/day watering

Emissions based on EPA MOVES 2014 model tables 15, 48, 51, 54. Reductions taken for newer aggregate model years

ROC emissions based on EMFAC17, LA County, yr 2020, aggregate MY, 15 mph

1) both exhaust and fugitive dust

2) fugitive dust only

Unpaved Roadway Fugitive Dust Calculations

CAlEEMod, appendix A, section 5.3, unpaved roads

Inputs

8.5	s, surface materials silt content, %, CalEEMod default
15	S, mean vehicle speed, mph (limit onsite)
0.5	M, surface material moisture content, %, CalEEMod default
33	P, number of "wet" days per year (> 0.01 " rain), CalEEMod LAC
0.35	k, particle size multiplier for PM10 (CalEEMod particle size multiplier)
0.053	k, particle size multiplier for PM2.5 (CalEEMod particle size multiplier)
55	Control percentage, 2x/day watering, CalEEMod

Results

Unpaved Roads, dust only, function of moisture, speed and silt

0.121	lbs PM30/VMT
0.072	lbs PM10/VMT
0.011	lbs PM2.5/VMT

lbs PM30/PM10 based on CEIDARS ratio fugitive dust unpaved roads (0.594)

Paved Roadway Fugitive Dust Calculations

CalEEMod appendix A, Section 5.3 and AP-42 13.2.1

4.2	W, mean vehicle weight, tons
0.6	sL, paved roads silt loading in g/m2, low volume roads, AP-42 table 13.2.1-2
33	P, number of "wet" days per year (> 0.01 " rain)

Paved Roads - function of silt loading and vehicle weight,

0.0292	lbs PM30/VMT
0.0058	lbs PM10/VMT
0.0014	lbs PM2.5/VMT

Fugitive Dust TAC Emissions

Metal	CAS	lb/lb-PM30
Aluminum	7429905	0.080509
Arsenic	7440382	0.000014
Barium	7440393	0.000979
Beryllium	7440417	0.000001
Cadmium	7440439	0.000022
Chromium (total)	7440473	0.000248
Copper	7440508	0.000088
Lead	7439921	0.000867
Manganese	7439965	0.000973
Nickel	7440020	0.000065
Selenium	7782492	0.000001
Silica, crystalline5	1175	0.100000
Zinc	7440666	0.000605

CARB TAC PM Profiles, profile 394, CARB 2018

HARP Sources

roadway width, m 13

SourceID	SOURCE_Name	XCOORD1	YCOORD1	XCOORD1	YCOORD1	Length, m	g/m2-s
500	MainRoad1	373906	3762820	373892	3763077	257	0.00030
501	MainRoad2	373892	3763077	373824	3763182	125	0.00061
502	MainRoad3	373824	3763182	373647	3763271	198	0.00039
503	MainRoad4	373647	3763271	373508	3763443	221	0.00035
504	MainRoad5	373508	3763443	373444	3763591	161	0.00048
505	MainRoad6	373444	3763591	373273	3763628	175	0.00044
506	MainRoad7	373273	3763628	373157	3763590	122	0.00063
507	MainRoad8	373157	3763590	373029	3763409	222	0.00035
508	MainRoad9	373029	3763409	372882	3763319	172	0.00045
509	MainRoad10	372882	3763319	372854	3763548	231	0.00033
510	MainRoad11	372854	3763548	372682	3763916	406	0.00019
511	MainRoad12	372682	3763916	372668	3764008	93	0.00083
512	MainRoad13	372668	3764008	372618	3764071	80	0.00096
513	MainRoad14	372618	3764071	372633	3764215	145	0.00053
514	MainRoad15	372633	3764215	372430	3764361	250	0.00031
520	SideRoad1	373824	3763182	373695	3763014	212	0.00036
521	SideRoad2	373695	3763014	373553	3762951	155	0.00050
522	SideRoad3	373553	3762951	373386	3763294	381	0.00020
523	SideRoad4	373386	3763294	373484	3763261	103	0.00074
524	SideRoad5	373484	3763261	373626	3763298	147	0.00052
Mainroad length, m	2859						
Sideroad length, m	999						
Total Road Length,, m	3858						

Vehicle Miles Main Roads	260,738	remaining traffic uses main roads
Vehicle Miles Side Roads	14,237	assumes 20% of traffic uses side road
Total Vehicle Miles	274,976	

Well Emissions

TAC Fugitive Emissions per Well Type

Fugitive Emissions		Number/well	Type	Pollutant	CAS	Lb/Source	Lb/yr/well	Lb/hr/well	Note
Well Heads and Pumps - Oil Active		1	Oil Active	Benzene	71432	0.003190	3.2E-03	3.6E-07	AER 2019
Well Heads and Pumps - Oil Active		1	Oil Active	Ethyl benzene	100414	0.000638	6.4E-04	7.3E-08	AER 2019
Well Heads and Pumps - Oil Active		1	Oil Active	Toluene	108883	0.002860	2.9E-03	3.3E-07	AER 2019
Well Heads and Pumps - Oil Active		1	Oil Active	Xylenes	1330207	0.001980	2.0E-03	2.3E-07	AER 2019
Well Cellars - Oil Active		6.40	Oil Active	Benzene	71432	0.012018	7.7E-02	8.8E-06	AER 2019, lbs/sq ft/yr
Well Cellars - Oil Active		6.40	Oil Active	PAHs [PAH, POM]	91203	0.000050	3.2E-04	3.7E-08	AER 2019, lbs/sq ft/yr
Well Cellars - Oil Active		6.40	Oil Active	Ethyl benzene	100414	0.002404	1.5E-02	1.8E-06	AER 2019, lbs/sq ft/yr
Well Cellars - Oil Active		6.40	Oil Active	Toluene	108883	0.010774	6.9E-02	7.9E-06	AER 2019, lbs/sq ft/yr
Well Cellars - Oil Active		6.40	Oil Active	Xylenes	1330207	0.007459	4.8E-02	5.4E-06	AER 2019, lbs/sq ft/yr
Well Cellars - Oil Active		6.40	Oil Active	Ammonia	7664417	0.000021	1.3E-04	1.5E-08	AER 2019, lbs/sq ft/yr
Well Cellars - Oil Active		6.40	Oil Active	Hydrogen sulfide	7783064	0.000046	2.9E-04	3.4E-08	AER 2019, lbs/sq ft/yr
Components - Idle		37	Idle	Benzene	71432	0.0006119	2.3E-02	2.6E-06	AER 2019, fittings gas/oil
Components - Idle		37	Idle	PAHs [PAH, POM]	91203	2.53201E-06	9.4E-05	1.1E-08	AER 2019, fittings gas/oil
Components - Idle		37	Idle	Ethyl benzene	100414	0.0001224	4.5E-03	5.2E-07	AER 2019, fittings gas/oil
Components - Idle		37	Idle	Toluene	108883	0.0005486	2.0E-02	2.3E-06	AER 2019, fittings gas/oil
Components - Idle		37	Idle	Xylenes	1330207	0.0003798	1.4E-02	1.6E-06	AER 2019, fittings gas/oil
Components - Idle		37	Idle	Ammonia	7664417	0.000001055	3.9E-05	4.5E-09	AER 2019, fittings gas/oil
Components - Idle		37	Idle	Hydrogen sulfide	7783064	0.000002321	8.6E-05	9.8E-09	AER 2019, fittings gas/oil
Components - Injection		72	Idle	Benzene	71432	0.0006119	4.4E-02	5.0E-06	AER 2019, fittings gas/oil
Components - Injection		72	Idle	PAHs [PAH, POM]	91203	2.53201E-06	1.8E-04	2.1E-08	AER 2019, fittings gas/oil
Components - Injection		72	Idle	Ethyl benzene	100414	0.0001224	8.8E-03	1.0E-06	AER 2019, fittings gas/oil
Components - Injection		72	Idle	Toluene	108883	0.0005486	3.9E-02	4.5E-06	AER 2019, fittings gas/oil
Components - Injection		72	Idle	Xylenes	1330207	0.0003798	2.7E-02	3.1E-06	AER 2019, fittings gas/oil
Components - Injection		72	Idle	Ammonia	7664417	0.000001055	7.6E-05	8.7E-09	AER 2019, fittings gas/oil
Components - Injection		72	Idle	Hydrogen sulfide	7783064	0.000002321	1.7E-04	1.9E-08	AER 2019, fittings gas/oil

well cellar area per well based on 2019 AER of 2764.8 total sqft with 432 wells

Type			Number
Number of Active Wells			675
Number of Idle Wells			191
Number of Oil Wells			629
Number of Injection Wells			237
Number of Active Oil Wells			438

Workover Emissions
IOF HRA: Scenario 1 - 2019 operations
2019 Summary

Use	Daily Rig Total, Number	Hrs of Operation, hrs	Fuel Usage, Gal
Annual Total	1,174	10,918	88,219
Average Per Day	4.7	44	354
Peak Day	6	56	451
Peak hour, all rigs	6	1	48.5
Peak hr per rig	1	1	8.08

Average of non-zero days

Other Data

2019 total wells, active oil, number	438
Rig days/active oil well	2.68
Rig Hours/active oil well	24.9
Rig fuel useage/active oil well	201.4

TACs Emissions

Annual fuel use, gal	88,219
Peak hr fuel use, gal	48.5

Toxic Compound	CAS NO.	EF, lb/1000 gal	Annual Emissions, lbs	Peak Hr Emissions, lbs
PAHs non-Napth	1151	0.0084	7.40E-01	4.07E-04
DPM	9901	0.129	1.14E+01	6.27E-03
Formaldehyde	50000	0.2589	2.28E+01	1.26E-02
Benzene	71432	0.0279	2.47E+00	1.35E-03
Acetaldehyde	75070	0.1175	1.04E+01	5.70E-03
PAHs Napth	91203	0.0030	2.61E-01	1.43E-04
Ethyl benzene	100414	0.0016	1.44E-01	7.93E-05
1,3-Butadiene	106990	0.0326	2.88E+00	1.58E-03
Acrolein	107028	0.0051	4.49E-01	2.47E-04
Toluene	108883	0.0158	1.39E+00	7.66E-04
Hexane	110543	0.0040	3.56E-01	1.96E-04
Xylenes	1330207	0.0064	5.61E-01	3.08E-04
Lead	7439921	0.0012	1.10E-01	6.04E-05
Manganese	7439965	0.0005	4.10E-02	2.25E-05
Mercury and mercury compounds	7439976	0.0003	2.65E-02	1.45E-05
Nickel	7440020	0.0006	5.16E-02	2.84E-05
Arsenic	7440382	0.0002	2.12E-02	1.16E-05
Cadmium	7440439	0.0002	1.98E-02	1.09E-05
Copper	7440508	0.0006	5.43E-02	2.98E-05
Hydrochloric acid	7647010	0.0279	2.47E+00	1.35E-03
Ammonia**	7664417	2.9000	2.56E+02	1.41E-01
Selenium and compounds	7782492	0.0003	2.91E-02	1.60E-05
Hexavalent chromium	18540299	0.0000	1.32E-03	7.27E-07

Assumes workover rigs hp	485
Fuel consumptions AP-42, gal/bhp-hr	0.0511
Fuel consumptions rate GPH	8.08
PM EF, g/bhp-hr (CARB Certified engine specific)	0.003
Calculated load factor	0.33
Calculated PM lb/1000 gal	0.129

***Assumes use of an NSCR system as per SCAQMD AER Tool*
Source of EF: SCAQMD Supplemental AB2588 instruction 2016 and AER Reporting Tool ONLINE

Emission Factors

Diesel Combustion

Toxic Compound	CAS NO.	SCAQMD 2016 EF, lb/1000 gal	Tier 4 EF, lb/1000 gal	Tier 3 with 90% Catalyst EF, lb/1000 gal
PAHs non-Napth	1151	0.0559	0.008385	0.00559
DPM	9901	-	-	-
Formaldehyde	50000	1.7261	0.258915	0.17261
Benzene	71432	0.1863	0.027945	0.01863
Acetaldehyde	75070	0.7833	0.117495	0.07833
PAHs Napth	91203	0.0197	0.002955	0.00197
Ethyl benzene	100414	0.0109	0.001635	0.00109
1,3-Butadiene	106990	0.2174	0.03261	0.02174
Acrolein	107028	0.0339	0.005085	0.00339
Toluene	108883	0.1054	0.01581	0.01054
Hexane	110543	0.0269	0.004035	0.00269
Xylenes	1330207	0.0424	0.00636	0.00424
Lead	7439921	0.0083	0.001245	0.00083
Manganese	7439965	0.0031	0.000465	0.00031
Mercury and mercury compounds	7439976	0.002	0.0003	0.0002
Nickel	7440020	0.0039	0.000585	0.00039
Arsenic	7440382	0.0016	0.00024	0.00016
Cadmium	7440439	0.0015	0.000225	0.00015
Copper	7440508	0.0041	0.000615	0.00041
Hydrochloric acid	7647010	0.1863	0.027945	0.01863
Ammonia*	7664417	2.9	2.9	2.9
Selenium and compounds	7782492	0.0022	0.00033	0.00022
Hexavalent chromium	18540299	0.0001	0.000015	0.00001

Use of Tier 4 allows for a fraction reduction of *0.85*

Use of Tier 3 with 90% catalyst allows for a fraction reduction of *0.90*

Source: SCAQMD 2016

HARP Source Configurations

						Point Sources						Area				Volume	Line						
Source	ID	Type	How Applied?	Base_Elev	Release Height	Diam	Exit_Vel or Flow		Exit_Temp	Point_Type	XINIT	YINIT	Angle	SZINIT	SYINIT	Xend	Yend	Width	SZINIT	Emission _Rate	X1	Y1
				[m]	[m]	[m]	[m or m3/s]		[K]		[m]	[m]		[m]	[m]	[m]	[m]	[m]	[m]	g/s or g/sec-m2	[m]	[m]
FLARE, GROUND FLARE	554988	Point	Point	AERMET	18.3	11.0	8.1	m3	1273	Vert, no cap	-	-	-	-	-	-	-	-	-	1	373,411	3,763,440
HEATER, H-100	554965	Point	Point	AERMET	22.13	0.81	0.63	m3	537	Vert, no cap	-	-	-	-	-	-	-	-	-	1	373,418	3,763,484
FIRE PUMP	554957	Point	Point	AERMET	2.60	0.11	1.19	m3	691	Horiz	-	-	-	-	-	-	-	-	-	1	373,512	3,763,184
WAUKESHA EMERGENCY Gen	554983	Point	Point	AERMET	4	0.2	0.30	m3	843	Horiz	-	-	-	-	-	-	-	-	-	1	373,612	3,763,461
BC tank farm	901	Area	Area at TF	AERMET	7	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	373,719	3,762,973
Central Sales/Packard facilities	902	Area	Area at TF	AERMET	7.3	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	373,558	3,763,431
LAI-A tank farm	903	Area	Area at TF	AERMET	7.3	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	poly	poly
LAI-B tank farm	904	Area	Area at TF	AERMET	7.3	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	373623	3,762,226
Tvic Tank Farm	905	Area	Area at TF	AERMET	7.3	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	372,461	3,764,146
Tvick Remote Tanks	906	Area	Area at TF	AERMET	7.3	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	372,380	3,764,370
Water Treatment Plant	907	Area	Area at TF	AERMET	7.3	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	poly	poly
Gas Plant-Fugitives	910	Area	Area at Plant	AERMET	3.7	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	373,295	3,763,473
Well Grid-Workovers	1-407	Area	by # wells	AERMET	1	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	varies	varies
Well Grid-Drilling	1-407	Area	by # wells	AERMET	1	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	varies	varies
Well Grid-Fugitives	1-407	Area	by # wells	AERMET	1	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	varies	varies
Well Grid-Construction	1-407	Area	by # wells	AERMET	1	-	-	-	-	-	varies	-	-	-	-	-	-	-	-	varies	varies	varies
Vehicles-Combustion	500-524	Line	Along Main Roads	AERMET	0.78	-	-	-	-	-	-	-	-	-	-	varies	varies	13	1.23	varies	varies	varies
Vehicles-Fugitive Dust	500-524	Line	Along Main Roads	AERMET	0.78	-	-	-	-	-	-	-	-	-	-	varies	varies	13	1.23	varies	varies	varies
Gasoline ReFueling	564886	Volume	At refueling		1.00									3.02	1.86					1	374338	3,761,871

Notes

Coords: UTM Nad83 z11

Flare temp based on EPA AERSCREEN 2015 default flare temperature

Heater stack diameter based on source testing area

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
901	901	0	71432	Benzene	1	2.04E+01	2.35E-03	1
901	901	0	108883	Toluene	1	1.19E+01	1.37E-03	1
901	901	0	110543	Hexane	1	3.99E+01	4.60E-03	1
902	902	0	71432	Benzene	1	1.33E+01	1.52E-03	1
902	902	0	108883	Toluene	1	7.77E+00	8.87E-04	1
902	902	0	110543	Hexane	1	2.61E+01	2.98E-03	1
903	903	0	71432	Benzene	1	7.61E+00	8.69E-04	1
903	903	0	108883	Toluene	1	4.44E+00	5.07E-04	1
903	903	0	110543	Hexane	1	1.49E+01	1.70E-03	1
904	904	0	71432	Benzene	1	4.58E+00	5.23E-04	1
904	904	0	108883	Toluene	1	2.67E+00	3.05E-04	1
904	904	0	110543	Hexane	1	8.98E+00	1.02E-03	1
905	905	0	71432	Benzene	1	3.91E+00	4.46E-04	1
905	905	0	108883	Toluene	1	2.28E+00	2.60E-04	1
905	905	0	110543	Hexane	1	7.67E+00	8.75E-04	1
906	906	0	71432	Benzene	1	1.56E+00	1.78E-04	1
906	906	0	108883	Toluene	1	9.09E-01	1.04E-04	1
906	906	0	110543	Hexane	1	3.06E+00	3.49E-04	1
907	907	0	71432	Benzene	1	1.07E+01	1.22E-03	1
907	907	0	108883	Toluene	1	6.24E+00	7.12E-04	1
907	907	0	110543	Hexane	1	2.10E+01	2.39E-03	1
910	910	0	71432	Benzene	1	4.13E+01	4.71E-03	1
910	910	0	91203	PAHs[Napth]	1	1.71E-01	1.95E-05	1
910	910	0	100414	Ethylbenzene	1	8.26E+00	9.43E-04	1
910	910	0	108883	Toluene	1	3.70E+01	4.23E-03	1
910	910	0	1330207	Xylenes	1	2.56E+01	2.93E-03	1
910	910	0	7664417	Ammonia	1	7.12E-02	8.13E-06	1
910	910	0	7783064	Hydrogensulfide	1	1.57E-01	1.79E-05	1
554988	554988	0	1151	PAHs[Napth]	1	4.52E-02	1.99E-05	1
554988	554988	0	50000	Formaldehyde	1	1.76E+01	7.74E-03	1
554988	554988	0	71432	Benzene	1	2.40E+00	1.05E-03	1
554988	554988	0	75070	Acetaldehyde	1	6.48E-01	2.85E-04	1
554988	554988	0	91203	PAHs[Napth]	1	1.66E-01	7.28E-05	1
554988	554988	0	100414	Ethylbenzene	1	2.18E+01	9.56E-03	1
554988	554988	0	107028	Acrolein	1	1.51E-01	6.62E-05	1
554988	554988	0	108883	Toluene	1	8.74E-01	3.84E-04	1
554988	554988	0	110543	Hexane	1	4.37E-01	1.92E-04	1
554988	554988	0	1330207	Xylenes	1	4.37E-01	1.92E-04	1
554965	554965	0	1151	PAHs[Napth]	1	5.52E-03	6.30E-07	1
554965	554965	0	50000	Formaldehyde	1	6.79E-01	7.75E-05	1
554965	554965	0	71432	Benzene	1	3.20E-01	3.65E-05	1
554965	554965	0	75070	Acetaldehyde	1	1.71E-01	1.95E-05	1
554965	554965	0	91203	PAHs[Napth]	1	1.66E-02	1.89E-06	1
554965	554965	0	100414	Ethylbenzene	1	3.81E-01	4.35E-05	1
554965	554965	0	107028	Acrolein	1	1.49E-01	1.70E-05	1
554965	554965	0	108883	Toluene	1	1.46E+00	1.67E-04	1
554965	554965	0	110543	Hexane	1	2.54E-01	2.90E-05	1
554965	554965	0	1330207	Xylenes	1	1.09E+00	1.24E-04	1
554965	554965	0	7664417	Ammonia	1	1.77E+02	2.02E-02	1
554957	554957	0	1151	PAHs[Napth]	1	4.04E-04	4.04E-04	1
554957	554957	0	9901	DPM	1	3.74E-01	3.74E-01	1
554957	554957	0	50000	Formaldehyde	1	1.93E-02	1.93E-02	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
554957	554957	0	71432	Benzene	1	2.08E-03	2.08E-03	1
554957	554957	0	75070	Acetaldehyde	1	8.74E-03	8.74E-03	1
554957	554957	0	91203	PAHs[Napth]	1	2.20E-04	2.20E-04	1
554957	554957	0	100414	Ethylbenzene	1	1.22E-04	1.22E-04	1
554957	554957	0	106990	Butadiene[13]	1	2.43E-03	2.43E-03	1
554957	554957	0	107028	Acrolein	1	3.78E-04	3.78E-04	1
554957	554957	0	108883	Toluene	1	1.18E-03	1.18E-03	1
554957	554957	0	110543	Hexane	1	3.00E-04	3.00E-04	1
554957	554957	0	1330207	Xylenes	1	4.73E-04	4.73E-04	1
554957	554957	0	7439921	Leadcompounds(inorganic)	1	9.26E-05	9.26E-05	1
554957	554957	0	7439965	Manganese	1	3.46E-05	3.46E-05	1
554957	554957	0	7439976	Mercury	1	2.23E-05	2.23E-05	1
554957	554957	0	7440020	Nickel	1	4.35E-05	4.35E-05	1
554957	554957	0	7440382	Arsenic	1	1.79E-05	1.79E-05	1
554957	554957	0	7440439	Cadmium	1	1.67E-05	1.67E-05	1
554957	554957	0	7440508	Copper	1	4.58E-05	4.58E-05	1
554957	554957	0	7647010	Hydrochloricacid	1	2.08E-03	2.08E-03	1
554957	554957	0	7664417	Ammonia	1	8.93E-03	8.93E-03	1
554957	554957	0	7782492	Selenium	1	2.46E-05	2.46E-05	1
554957	554957	0	18540299	Chromiumhexavalent6	1	1.12E-06	1.12E-06	1
554983	554983	0	50000	Formaldehyde	1	1.26E-02	1.26E-02	1
554983	554983	0	56235	Carbontetrachloride	1	1.09E-05	1.09E-05	1
554983	554983	0	67561	Methanol	1	1.88E-02	1.88E-02	1
554983	554983	0	67663	Chloroform	1	8.41E-05	8.41E-05	1
554983	554983	0	71432	Benzene	1	9.70E-04	9.70E-04	1
554983	554983	0	75014	Vinylchloride	1	4.41E-06	4.41E-06	1
554983	554983	0	75070	Acetaldehyde	1	1.71E-02	1.71E-02	1
554983	554983	0	75092	Methylenechloride{Dichloromethane}	1	2.53E-03	2.53E-03	1
554983	554983	0	78875	12-Dichloropropane{Propylenedichloride}	1	7.98E-05	7.98E-05	1
554983	554983	0	79005	112-Trichloroethane{Vinyltrichloride}	1	9.39E-05	9.39E-05	1
554983	554983	0	79345	1122-Tetrachloroethane	1	1.55E-04	1.55E-04	1
554983	554983	0	91203	PAHs[Napth]	1	5.96E-05	5.96E-05	1
554983	554983	0	100414	Ethylbenzene	1	1.52E-04	1.52E-04	1
554983	554983	0	100425	Styrene	1	7.31E-05	7.31E-05	1
554983	554983	0	106934	Ethylenedibromide{12-Dibromoethane}	1	1.31E-05	1.31E-05	1
554983	554983	0	106990	Butadiene[13]	1	4.07E-04	4.07E-04	1
554983	554983	0	107028	Acrolein	1	1.61E-02	1.61E-02	1
554983	554983	0	107062	Ethylenedichloride{12-Dichloroethane}	1	6.94E-06	6.94E-06	1
554983	554983	0	108883	Toluene	1	3.43E-03	3.43E-03	1
554983	554983	0	542756	13-Dichloropropene	1	7.80E-05	7.80E-05	1
554983	554983	0	1330207	Xylenes	1	1.20E-03	1.20E-03	1
554983	554983	0	7664417	Ammonia	1	1.93E-02	1.93E-02	1
564886	564886	0	71432	Benzene	1	5.76E-01	6.57E-05	1
500	500	0	107028	Acrolein	1	3.10E-03	1.48E-06	1
500	500	0	9901	DPM	1	2.33E-02	1.12E-05	1
500	500	0	56553	Benzaanthracene	1	2.79E-05	1.34E-08	1
500	500	0	50328	Benzoapyrene	1	1.52E-06	7.28E-10	1
500	500	0	205992	Benzobfluoranthene	1	2.07E-05	9.92E-09	1
500	500	0	207089	Benzokfluoranthene	1	2.07E-05	9.92E-09	1
500	500	0	218019	Chrysene	1	3.13E-05	1.50E-08	1
500	500	0	100414	Ethylbenzene	1	7.45E-02	3.57E-05	1
500	500	0	91203	PAHs[Napth]	1	1.07E-02	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
500	500	0	110543	Hexane	1	4.52E-02	2.16E-05	1
500	500	0	100425	Styrene	1	1.73E-02	8.26E-06	1
500	500	0	108883	Toluene	1	5.26E-01	2.52E-04	1
500	500	0	1330207	Xylenes	1	2.96E-01	1.42E-04	1
500	500	0	71432	Benzene	1	2.43E-01	1.16E-04	1
500	500	0	67562394	1234678Heptachlorodibenzofuran	1	5.63E-11	2.70E-14	1
500	500	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.77E-11	1.33E-14	1
500	500	0	55673897	1234789Heptachlorodibenzofuran	1	1.80E-12	8.63E-16	1
500	500	0	70648269	123478Hexachlorodibenzofuran	1	5.08E-12	2.43E-15	1
500	500	0	39227286	123478HexachlorodibenzopDioxin	1	1.80E-12	8.63E-16	1
500	500	0	57117449	123678Hexachlorodibenzofuran	1	5.40E-12	2.59E-15	1
500	500	0	57653857	123678HexachlorodibenzopDioxin	1	3.69E-12	1.77E-15	1
500	500	0	72918219	123789Hexachlorodibenzofuran	1	1.48E-12	7.07E-16	1
500	500	0	19408743	123789HexachlorodibenzopDioxin	1	2.30E-12	1.10E-15	1
500	500	0	57117416	12378Pentachlorodibenzofuranj	1	6.15E-12	2.94E-15	1
500	500	0	40321764	12378PentachlorodibenzopDioxin	1	1.72E-12	8.25E-16	1
500	500	0	60851345	234678Hexachlorodibenzofuran	1	6.33E-12	3.03E-15	1
500	500	0	57117314	23478Pentachlorodibenzofuran	1	4.51E-12	2.16E-15	1
500	500	0	51207319	2378Tetrachlorodibenzofuran	1	1.29E-11	6.16E-15	1
500	500	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.85E-12	1.84E-15	1
500	500	0	7440382	Arsenic	1	2.47E-02	1.18E-05	1
500	500	0	18540299	Chromiumhexavalent6	1	1.24E-07	5.95E-11	1
500	500	0	7439965	Manganese	1	1.71E+00	8.20E-04	1
500	500	0	7439976	Mercury	1	1.24E-06	5.96E-10	1
500	500	0	7440020	Nickel	1	1.14E-01	5.48E-05	1
500	500	0	39001020	Octachlorodibenzofuran	1	6.38E-11	3.06E-14	1
500	500	0	3268879	Octachlorodibenzopdioxin	1	2.19E-10	1.05E-13	1
500	500	0	7429905	Aluminum	1	1.44E+02	6.89E-02	1
500	500	0	7440393	Barium	1	1.75E+00	8.37E-04	1
500	500	0	7440417	Beryllium	1	1.79E-03	8.55E-07	1
500	500	0	7440439	Cadmium	1	3.93E-02	1.88E-05	1
500	500	0	7440473	Chromium(total)	1	4.43E-01	2.12E-04	1
500	500	0	7440508	Copper	1	1.57E-01	7.53E-05	1
500	500	0	7439921	Leadcompounds(inorganic)	1	1.55E+00	7.42E-04	1
500	500	0	7782492	Selenium	1	1.79E-03	8.55E-07	1
500	500	0	1175	Silica	1	1.79E+02	8.55E-02	1
500	500	0	7440666	Zinc	1	1.08E+00	5.18E-04	1
501	501	0	107028	Acrolein	1	1.51E-03	7.22E-07	1
501	501	0	9901	DPM	1	1.13E-02	5.43E-06	1
501	501	0	56553	Benzaanthracene	1	1.36E-05	6.49E-09	1
501	501	0	50328	Benzoapyrene	1	7.38E-07	3.54E-10	1
501	501	0	205992	Benzobfluoranthene	1	1.01E-05	4.82E-09	1
501	501	0	207089	Benzokfluoranthene	1	1.01E-05	4.82E-09	1
501	501	0	218019	Chrysene	1	1.52E-05	7.28E-09	1
501	501	0	100414	Ethylbenzene	1	3.62E-02	1.73E-05	1
501	501	0	91203	PAHs[Napth]	1	5.20E-03	2.49E-06	1
501	501	0	110543	Hexane	1	2.20E-02	1.05E-05	1
501	501	0	100425	Styrene	1	8.39E-03	4.02E-06	1
501	501	0	108883	Toluene	1	2.56E-01	1.22E-04	1
501	501	0	1330207	Xylenes	1	1.44E-01	6.90E-05	1
501	501	0	71432	Benzene	1	1.18E-01	5.65E-05	1
501	501	0	67562394	1234678Heptachlorodibenzofuran	1	2.74E-11	1.31E-14	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
501	501	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.35E-11	6.45E-15	1
501	501	0	55673897	1234789Heptachlorodibenzofuran	1	8.76E-13	4.20E-16	1
501	501	0	70648269	123478Hexachlorodibenzofuran	1	2.47E-12	1.18E-15	1
501	501	0	39227286	123478HexachlorodibenzopDioxin	1	8.76E-13	4.20E-16	1
501	501	0	57117449	123678Hexachlorodibenzofuran	1	2.63E-12	1.26E-15	1
501	501	0	57653857	123678HexachlorodibenzopDioxin	1	1.79E-12	8.59E-16	1
501	501	0	72918219	123789Hexachlorodibenzofuran	1	7.17E-13	3.44E-16	1
501	501	0	19408743	123789HexachlorodibenzopDioxin	1	1.12E-12	5.34E-16	1
501	501	0	57117416	12378Pentachlorodibenzofuranj	1	2.99E-12	1.43E-15	1
501	501	0	40321764	12378PentachlorodibenzopDioxin	1	8.37E-13	4.01E-16	1
501	501	0	60851345	234678Hexachlorodibenzofuran	1	3.08E-12	1.47E-15	1
501	501	0	57117314	23478Pentachlorodibenzofuran	1	2.19E-12	1.05E-15	1
501	501	0	51207319	2378Tetrachlorodibenzofuran	1	6.25E-12	2.99E-15	1
501	501	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.87E-12	8.96E-16	1
501	501	0	7440382	Arsenic	1	1.20E-02	5.74E-06	1
501	501	0	18540299	Chromiumhexavalent6	1	6.04E-08	2.89E-11	1
501	501	0	7439965	Manganese	1	8.32E-01	3.99E-04	1
501	501	0	7439976	Mercury	1	6.05E-07	2.90E-10	1
501	501	0	7440020	Nickel	1	5.56E-02	2.66E-05	1
501	501	0	39001020	Octachlorodibenzofuran	1	3.10E-11	1.49E-14	1
501	501	0	3268879	Octachlorodibenzopdioxin	1	1.06E-10	5.09E-14	1
501	501	0	7429905	Aluminum	1	6.99E+01	3.35E-02	1
501	501	0	7440393	Barium	1	8.50E-01	4.07E-04	1
501	501	0	7440417	Beryllium	1	8.68E-04	4.16E-07	1
501	501	0	7440439	Cadmium	1	1.91E-02	9.15E-06	1
501	501	0	7440473	Chromium(total)	1	2.15E-01	1.03E-04	1
501	501	0	7440508	Copper	1	7.64E-02	3.66E-05	1
501	501	0	7439921	Leadcompounds(inorganic)	1	7.53E-01	3.60E-04	1
501	501	0	7782492	Selenium	1	8.68E-04	4.16E-07	1
501	501	0	1175	Silica	1	8.68E+01	4.16E-02	1
501	501	0	7440666	Zinc	1	5.25E-01	2.52E-04	1
502	502	0	107028	Acrolein	1	2.39E-03	1.14E-06	1
502	502	0	9901	DPM	1	1.80E-02	8.60E-06	1
502	502	0	56553	Benzaanthracene	1	2.15E-05	1.03E-08	1
502	502	0	50328	Benzoapyrene	1	1.17E-06	5.60E-10	1
502	502	0	205992	Benzobfluoranthene	1	1.59E-05	7.64E-09	1
502	502	0	207089	Benzokfluoranthene	1	1.59E-05	7.64E-09	1
502	502	0	218019	Chrysene	1	2.41E-05	1.15E-08	1
502	502	0	100414	Ethylbenzene	1	5.73E-02	2.74E-05	1
502	502	0	91203	PAHs[Napth]	1	8.23E-03	3.94E-06	1
502	502	0	110543	Hexane	1	3.48E-02	1.67E-05	1
502	502	0	100425	Styrene	1	1.33E-02	6.36E-06	1
502	502	0	108883	Toluene	1	4.05E-01	1.94E-04	1
502	502	0	1330207	Xylenes	1	2.28E-01	1.09E-04	1
502	502	0	71432	Benzene	1	1.87E-01	8.95E-05	1
502	502	0	67562394	1234678Heptachlorodibenzofuran	1	4.34E-11	2.08E-14	1
502	502	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.13E-11	1.02E-14	1
502	502	0	55673897	1234789Heptachlorodibenzofuran	1	1.39E-12	6.64E-16	1
502	502	0	70648269	123478Hexachlorodibenzofuran	1	3.91E-12	1.87E-15	1
502	502	0	39227286	123478HexachlorodibenzopDioxin	1	1.39E-12	6.64E-16	1
502	502	0	57117449	123678Hexachlorodibenzofuran	1	4.16E-12	1.99E-15	1
502	502	0	57653857	123678HexachlorodibenzopDioxin	1	2.84E-12	1.36E-15	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
502	502	0	72918219	123789Hexachlorodibenzofuran	1	1.14E-12	5.44E-16	1
502	502	0	19408743	123789HexachlorodibenzopDioxin	1	1.77E-12	8.46E-16	1
502	502	0	57117416	12378Pentachlorodibenzofuranj	1	4.73E-12	2.27E-15	1
502	502	0	40321764	12378PentachlorodibenzopDioxin	1	1.33E-12	6.35E-16	1
502	502	0	60851345	234678Hexachlorodibenzofuran	1	4.87E-12	2.33E-15	1
502	502	0	57117314	23478Pentachlorodibenzofuran	1	3.47E-12	1.66E-15	1
502	502	0	51207319	2378Tetrachlorodibenzofuran	1	9.89E-12	4.74E-15	1
502	502	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.96E-12	1.42E-15	1
502	502	0	7440382	Arsenic	1	1.90E-02	9.09E-06	1
502	502	0	18540299	Chromiumhexavalent6	1	9.56E-08	4.58E-11	1
502	502	0	7439965	Manganese	1	1.32E+00	6.31E-04	1
502	502	0	7439976	Mercury	1	9.58E-07	4.59E-10	1
502	502	0	7440020	Nickel	1	8.81E-02	4.22E-05	1
502	502	0	39001020	Octachlorodibenzofuran	1	4.91E-11	2.35E-14	1
502	502	0	3268879	Octachlorodibenzopdioxin	1	1.68E-10	8.07E-14	1
502	502	0	7429905	Aluminum	1	1.11E+02	5.30E-02	1
502	502	0	7440393	Barium	1	1.35E+00	6.45E-04	1
502	502	0	7440417	Beryllium	1	1.37E-03	6.58E-07	1
502	502	0	7440439	Cadmium	1	3.02E-02	1.45E-05	1
502	502	0	7440473	Chromium(total)	1	3.41E-01	1.63E-04	1
502	502	0	7440508	Copper	1	1.21E-01	5.79E-05	1
502	502	0	7439921	Leadcompounds(inorganic)	1	1.19E+00	5.71E-04	1
502	502	0	7782492	Selenium	1	1.37E-03	6.58E-07	1
502	502	0	1175	Silica	1	1.37E+02	6.58E-02	1
502	502	0	7440666	Zinc	1	8.32E-01	3.98E-04	1
503	503	0	107028	Acrolein	1	2.66E-03	1.28E-06	1
503	503	0	9901	DPM	1	2.00E-02	9.60E-06	1
503	503	0	56553	Benzaanthracene	1	2.40E-05	1.15E-08	1
503	503	0	50328	Benzoapyrene	1	1.31E-06	6.25E-10	1
503	503	0	205992	Benzobfluoranthene	1	1.78E-05	8.53E-09	1
503	503	0	207089	Benzokfluoranthene	1	1.78E-05	8.53E-09	1
503	503	0	218019	Chrysene	1	2.69E-05	1.29E-08	1
503	503	0	100414	Ethylbenzene	1	6.40E-02	3.06E-05	1
503	503	0	91203	PAHs[Napth]	1	9.19E-03	4.40E-06	1
503	503	0	110543	Hexane	1	3.88E-02	1.86E-05	1
503	503	0	100425	Styrene	1	1.48E-02	7.10E-06	1
503	503	0	108883	Toluene	1	4.52E-01	2.17E-04	1
503	503	0	1330207	Xylenes	1	2.55E-01	1.22E-04	1
503	503	0	71432	Benzene	1	2.09E-01	9.99E-05	1
503	503	0	67562394	1234678Heptachlorodibenzofuran	1	4.84E-11	2.32E-14	1
503	503	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.38E-11	1.14E-14	1
503	503	0	55673897	1234789Heptachlorodibenzofuran	1	1.55E-12	7.42E-16	1
503	503	0	70648269	123478Hexachlorodibenzofuran	1	4.36E-12	2.09E-15	1
503	503	0	39227286	123478HexachlorodibenzopDioxin	1	1.55E-12	7.42E-16	1
503	503	0	57117449	123678Hexachlorodibenzofuran	1	4.64E-12	2.22E-15	1
503	503	0	57653857	123678HexachlorodibenzopDioxin	1	3.17E-12	1.52E-15	1
503	503	0	72918219	123789Hexachlorodibenzofuran	1	1.27E-12	6.07E-16	1
503	503	0	19408743	123789HexachlorodibenzopDioxin	1	1.97E-12	9.45E-16	1
503	503	0	57117416	12378Pentachlorodibenzofuranj	1	5.28E-12	2.53E-15	1
503	503	0	40321764	12378PentachlorodibenzopDioxin	1	1.48E-12	7.09E-16	1
503	503	0	60851345	234678Hexachlorodibenzofuran	1	5.44E-12	2.61E-15	1
503	503	0	57117314	23478Pentachlorodibenzofuran	1	3.87E-12	1.85E-15	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
503	503	0	51207319	2378Tetrachlorodibenzofuran	1	1.10E-11	5.29E-15	1
503	503	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.31E-12	1.58E-15	1
503	503	0	7440382	Arsenic	1	2.12E-02	1.02E-05	1
503	503	0	18540299	Chromiumhexavalent6	1	1.07E-07	5.11E-11	1
503	503	0	7439965	Manganese	1	1.47E+00	7.05E-04	1
503	503	0	7439976	Mercury	1	1.07E-06	5.12E-10	1
503	503	0	7440020	Nickel	1	9.83E-02	4.71E-05	1
503	503	0	39001020	Octachlorodibenzofuran	1	5.48E-11	2.63E-14	1
503	503	0	3268879	Octachlorodibenzopdioxin	1	1.88E-10	9.01E-14	1
503	503	0	7429905	Aluminum	1	1.24E+02	5.92E-02	1
503	503	0	7440393	Barium	1	1.50E+00	7.20E-04	1
503	503	0	7440417	Beryllium	1	1.53E-03	7.35E-07	1
503	503	0	7440439	Cadmium	1	3.38E-02	1.62E-05	1
503	503	0	7440473	Chromium(total)	1	3.81E-01	1.82E-04	1
503	503	0	7440508	Copper	1	1.35E-01	6.47E-05	1
503	503	0	7439921	Leadcompounds(inorganic)	1	1.33E+00	6.37E-04	1
503	503	0	7782492	Selenium	1	1.53E-03	7.35E-07	1
503	503	0	1175	Silica	1	1.53E+02	7.35E-02	1
503	503	0	7440666	Zinc	1	9.28E-01	4.45E-04	1
504	504	0	107028	Acrolein	1	1.94E-03	9.30E-07	1
504	504	0	9901	DPM	1	1.46E-02	7.00E-06	1
504	504	0	56553	Benzaanthracene	1	1.75E-05	8.37E-09	1
504	504	0	50328	Benzoapyrene	1	9.52E-07	4.56E-10	1
504	504	0	205992	Benzobfluoranthene	1	1.30E-05	6.22E-09	1
504	504	0	207089	Benzokfluoranthene	1	1.30E-05	6.22E-09	1
504	504	0	218019	Chrysene	1	1.96E-05	9.38E-09	1
504	504	0	100414	Ethylbenzene	1	4.66E-02	2.23E-05	1
504	504	0	91203	PAHs[Napth]	1	6.70E-03	3.21E-06	1
504	504	0	110543	Hexane	1	2.83E-02	1.36E-05	1
504	504	0	100425	Styrene	1	1.08E-02	5.18E-06	1
504	504	0	108883	Toluene	1	3.30E-01	1.58E-04	1
504	504	0	1330207	Xylenes	1	1.86E-01	8.89E-05	1
504	504	0	71432	Benzene	1	1.52E-01	7.29E-05	1
504	504	0	67562394	1234678Heptachlorodibenzofuran	1	3.53E-11	1.69E-14	1
504	504	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.74E-11	8.31E-15	1
504	504	0	55673897	1234789Heptachlorodibenzofuran	1	1.13E-12	5.41E-16	1
504	504	0	70648269	123478Hexachlorodibenzofuran	1	3.18E-12	1.52E-15	1
504	504	0	39227286	123478HexachlorodibenzopDioxin	1	1.13E-12	5.41E-16	1
504	504	0	57117449	123678Hexachlorodibenzofuran	1	3.38E-12	1.62E-15	1
504	504	0	57653857	123678HexachlorodibenzopDioxin	1	2.31E-12	1.11E-15	1
504	504	0	72918219	123789Hexachlorodibenzofuran	1	9.25E-13	4.43E-16	1
504	504	0	19408743	123789HexachlorodibenzopDioxin	1	1.44E-12	6.89E-16	1
504	504	0	57117416	12378Pentachlorodibenzofuranj	1	3.85E-12	1.84E-15	1
504	504	0	40321764	12378PentachlorodibenzopDioxin	1	1.08E-12	5.17E-16	1
504	504	0	60851345	234678Hexachlorodibenzofuran	1	3.97E-12	1.90E-15	1
504	504	0	57117314	23478Pentachlorodibenzofuran	1	2.82E-12	1.35E-15	1
504	504	0	51207319	2378Tetrachlorodibenzofuran	1	8.05E-12	3.86E-15	1
504	504	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.41E-12	1.16E-15	1
504	504	0	7440382	Arsenic	1	1.55E-02	7.40E-06	1
504	504	0	18540299	Chromiumhexavalent6	1	7.78E-08	3.73E-11	1
504	504	0	7439965	Manganese	1	1.07E+00	5.14E-04	1
504	504	0	7439976	Mercury	1	7.80E-07	3.74E-10	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
504	504	0	7440020	Nickel	1	7.17E-02	3.43E-05	1
504	504	0	39001020	Octachlorodibenzofuran	1	4.00E-11	1.91E-14	1
504	504	0	3268879	Octachlorodibenzopdioxin	1	1.37E-10	6.57E-14	1
504	504	0	7429905	Aluminum	1	9.01E+01	4.31E-02	1
504	504	0	7440393	Barium	1	1.10E+00	5.25E-04	1
504	504	0	7440417	Beryllium	1	1.12E-03	5.36E-07	1
504	504	0	7440439	Cadmium	1	2.46E-02	1.18E-05	1
504	504	0	7440473	Chromium(total)	1	2.77E-01	1.33E-04	1
504	504	0	7440508	Copper	1	9.85E-02	4.72E-05	1
504	504	0	7439921	Leadcompounds(inorganic)	1	9.70E-01	4.65E-04	1
504	504	0	7782492	Selenium	1	1.12E-03	5.36E-07	1
504	504	0	1175	Silica	1	1.12E+02	5.36E-02	1
504	504	0	7440666	Zinc	1	6.77E-01	3.24E-04	1
505	505	0	107028	Acrolein	1	2.11E-03	1.01E-06	1
505	505	0	9901	DPM	1	1.59E-02	7.59E-06	1
505	505	0	56553	Benzaanthracene	1	1.90E-05	9.08E-09	1
505	505	0	50328	Benzoapyrene	1	1.03E-06	4.95E-10	1
505	505	0	205992	Benzobfluoranthene	1	1.41E-05	6.75E-09	1
505	505	0	207089	Benzokfluoranthene	1	1.41E-05	6.75E-09	1
505	505	0	218019	Chrysene	1	2.12E-05	1.02E-08	1
505	505	0	100414	Ethylbenzene	1	5.06E-02	2.42E-05	1
505	505	0	91203	PAHs[Napth]	1	7.27E-03	3.48E-06	1
505	505	0	110543	Hexane	1	3.07E-02	1.47E-05	1
505	505	0	100425	Styrene	1	1.17E-02	5.62E-06	1
505	505	0	108883	Toluene	1	3.58E-01	1.71E-04	1
505	505	0	1330207	Xylenes	1	2.01E-01	9.64E-05	1
505	505	0	71432	Benzene	1	1.65E-01	7.91E-05	1
505	505	0	67562394	1234678Heptachlorodibenzofuran	1	3.83E-11	1.83E-14	1
505	505	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.88E-11	9.02E-15	1
505	505	0	55673897	1234789Heptachlorodibenzofuran	1	1.23E-12	5.87E-16	1
505	505	0	70648269	123478Hexachlorodibenzofuran	1	3.45E-12	1.65E-15	1
505	505	0	39227286	123478HexachlorodibenzopDioxin	1	1.23E-12	5.87E-16	1
505	505	0	57117449	123678Hexachlorodibenzofuran	1	3.67E-12	1.76E-15	1
505	505	0	57653857	123678HexachlorodibenzopDioxin	1	2.51E-12	1.20E-15	1
505	505	0	72918219	123789Hexachlorodibenzofuran	1	1.00E-12	4.81E-16	1
505	505	0	19408743	123789HexachlorodibenzopDioxin	1	1.56E-12	7.47E-16	1
505	505	0	57117416	12378Pentachlorodibenzofuranj	1	4.18E-12	2.00E-15	1
505	505	0	40321764	12378PentachlorodibenzopDioxin	1	1.17E-12	5.61E-16	1
505	505	0	60851345	234678Hexachlorodibenzofuran	1	4.31E-12	2.06E-15	1
505	505	0	57117314	23478Pentachlorodibenzofuran	1	3.06E-12	1.47E-15	1
505	505	0	51207319	2378Tetrachlorodibenzofuran	1	8.74E-12	4.18E-15	1
505	505	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.62E-12	1.25E-15	1
505	505	0	7440382	Arsenic	1	1.68E-02	8.03E-06	1
505	505	0	18540299	Chromiumhexavalent6	1	8.44E-08	4.04E-11	1
505	505	0	7439965	Manganese	1	1.16E+00	5.58E-04	1
505	505	0	7439976	Mercury	1	8.46E-07	4.05E-10	1
505	505	0	7440020	Nickel	1	7.78E-02	3.73E-05	1
505	505	0	39001020	Octachlorodibenzofuran	1	4.34E-11	2.08E-14	1
505	505	0	3268879	Octachlorodibenzopdioxin	1	1.49E-10	7.13E-14	1
505	505	0	7429905	Aluminum	1	9.77E+01	4.68E-02	1
505	505	0	7440393	Barium	1	1.19E+00	5.69E-04	1
505	505	0	7440417	Beryllium	1	1.21E-03	5.81E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
505	505	0	7440439	Cadmium	1	2.67E-02	1.28E-05	1
505	505	0	7440473	Chromium(total)	1	3.01E-01	1.44E-04	1
505	505	0	7440508	Copper	1	1.07E-01	5.12E-05	1
505	505	0	7439921	Leadcompounds(inorganic)	1	1.05E+00	5.04E-04	1
505	505	0	7782492	Selenium	1	1.21E-03	5.81E-07	1
505	505	0	1175	Silica	1	1.21E+02	5.81E-02	1
505	505	0	7440666	Zinc	1	7.35E-01	3.52E-04	1
506	506	0	107028	Acrolein	1	1.47E-03	7.04E-07	1
506	506	0	9901	DPM	1	1.11E-02	5.30E-06	1
506	506	0	56553	Benzaanthracene	1	1.32E-05	6.34E-09	1
506	506	0	50328	Benzoapyrene	1	7.20E-07	3.45E-10	1
506	506	0	205992	Benzobfluoranthene	1	9.83E-06	4.71E-09	1
506	506	0	207089	Benzokfluoranthene	1	9.83E-06	4.71E-09	1
506	506	0	218019	Chrysene	1	1.48E-05	7.10E-09	1
506	506	0	100414	Ethylbenzene	1	3.53E-02	1.69E-05	1
506	506	0	91203	PAHs[Napth]	1	5.07E-03	2.43E-06	1
506	506	0	110543	Hexane	1	2.14E-02	1.03E-05	1
506	506	0	100425	Styrene	1	8.18E-03	3.92E-06	1
506	506	0	108883	Toluene	1	2.50E-01	1.20E-04	1
506	506	0	1330207	Xylenes	1	1.40E-01	6.73E-05	1
506	506	0	71432	Benzene	1	1.15E-01	5.52E-05	1
506	506	0	67562394	1234678Heptachlorodibenzofuran	1	2.67E-11	1.28E-14	1
506	506	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.31E-11	6.29E-15	1
506	506	0	55673897	1234789Heptachlorodibenzofuran	1	8.55E-13	4.09E-16	1
506	506	0	70648269	123478Hexachlorodibenzofuran	1	2.41E-12	1.15E-15	1
506	506	0	39227286	123478HexachlorodibenzopDioxin	1	8.55E-13	4.09E-16	1
506	506	0	57117449	123678Hexachlorodibenzofuran	1	2.56E-12	1.23E-15	1
506	506	0	57653857	123678HexachlorodibenzopDioxin	1	1.75E-12	8.38E-16	1
506	506	0	72918219	123789Hexachlorodibenzofuran	1	7.00E-13	3.35E-16	1
506	506	0	19408743	123789HexachlorodibenzopDioxin	1	1.09E-12	5.21E-16	1
506	506	0	57117416	12378Pentachlorodibenzofuranj	1	2.92E-12	1.40E-15	1
506	506	0	40321764	12378PentachlorodibenzopDioxin	1	8.17E-13	3.91E-16	1
506	506	0	60851345	234678Hexachlorodibenzofuran	1	3.00E-12	1.44E-15	1
506	506	0	57117314	23478Pentachlorodibenzofuran	1	2.14E-12	1.02E-15	1
506	506	0	51207319	2378Tetrachlorodibenzofuran	1	6.10E-12	2.92E-15	1
506	506	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.83E-12	8.75E-16	1
506	506	0	7440382	Arsenic	1	1.17E-02	5.60E-06	1
506	506	0	18540299	Chromiumhexavalent6	1	5.89E-08	2.82E-11	1
506	506	0	7439965	Manganese	1	8.12E-01	3.89E-04	1
506	506	0	7439976	Mercury	1	5.90E-07	2.83E-10	1
506	506	0	7440020	Nickel	1	5.43E-02	2.60E-05	1
506	506	0	39001020	Octachlorodibenzofuran	1	3.03E-11	1.45E-14	1
506	506	0	3268879	Octachlorodibenzopdioxin	1	1.04E-10	4.97E-14	1
506	506	0	7429905	Aluminum	1	6.82E+01	3.27E-02	1
506	506	0	7440393	Barium	1	8.29E-01	3.97E-04	1
506	506	0	7440417	Beryllium	1	8.47E-04	4.06E-07	1
506	506	0	7440439	Cadmium	1	1.86E-02	8.92E-06	1
506	506	0	7440473	Chromium(total)	1	2.10E-01	1.01E-04	1
506	506	0	7440508	Copper	1	7.45E-02	3.57E-05	1
506	506	0	7439921	Leadcompounds(inorganic)	1	7.34E-01	3.52E-04	1
506	506	0	7782492	Selenium	1	8.47E-04	4.06E-07	1
506	506	0	1175	Silica	1	8.47E+01	4.06E-02	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
506	506	0	7440666	Zinc	1	5.12E-01	2.45E-04	1
507	507	0	107028	Acrolein	1	2.67E-03	1.28E-06	1
507	507	0	9901	DPM	1	2.01E-02	9.62E-06	1
507	507	0	56553	Benzaanthracene	1	2.40E-05	1.15E-08	1
507	507	0	50328	Benzoapyrene	1	1.31E-06	6.27E-10	1
507	507	0	205992	Benzobfluoranthene	1	1.78E-05	8.55E-09	1
507	507	0	207089	Benzokfluoranthene	1	1.78E-05	8.55E-09	1
507	507	0	218019	Chrysene	1	2.69E-05	1.29E-08	1
507	507	0	100414	Ethylbenzene	1	6.41E-02	3.07E-05	1
507	507	0	91203	PAHs[Napth]	1	9.21E-03	4.41E-06	1
507	507	0	110543	Hexane	1	3.89E-02	1.86E-05	1
507	507	0	100425	Styrene	1	1.49E-02	7.12E-06	1
507	507	0	108883	Toluene	1	4.53E-01	2.17E-04	1
507	507	0	1330207	Xylenes	1	2.55E-01	1.22E-04	1
507	507	0	71432	Benzene	1	2.09E-01	1.00E-04	1
507	507	0	67562394	1234678Heptachlorodibenzofuran	1	4.85E-11	2.32E-14	1
507	507	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.39E-11	1.14E-14	1
507	507	0	55673897	1234789Heptachlorodibenzofuran	1	1.55E-12	7.43E-16	1
507	507	0	70648269	123478Hexachlorodibenzofuran	1	4.37E-12	2.09E-15	1
507	507	0	39227286	123478HexachlorodibenzopDioxin	1	1.55E-12	7.43E-16	1
507	507	0	57117449	123678Hexachlorodibenzofuran	1	4.65E-12	2.23E-15	1
507	507	0	57653857	123678HexachlorodibenzopDioxin	1	3.18E-12	1.52E-15	1
507	507	0	72918219	123789Hexachlorodibenzofuran	1	1.27E-12	6.09E-16	1
507	507	0	19408743	123789HexachlorodibenzopDioxin	1	1.98E-12	9.47E-16	1
507	507	0	57117416	12378Pentachlorodibenzofuranj	1	5.29E-12	2.54E-15	1
507	507	0	40321764	12378PentachlorodibenzopDioxin	1	1.48E-12	7.11E-16	1
507	507	0	60851345	234678Hexachlorodibenzofuran	1	5.45E-12	2.61E-15	1
507	507	0	57117314	23478Pentachlorodibenzofuran	1	3.88E-12	1.86E-15	1
507	507	0	51207319	2378Tetrachlorodibenzofuran	1	1.11E-11	5.30E-15	1
507	507	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.32E-12	1.59E-15	1
507	507	0	7440382	Arsenic	1	2.12E-02	1.02E-05	1
507	507	0	18540299	Chromiumhexavalent6	1	1.07E-07	5.12E-11	1
507	507	0	7439965	Manganese	1	1.48E+00	7.06E-04	1
507	507	0	7439976	Mercury	1	1.07E-06	5.14E-10	1
507	507	0	7440020	Nickel	1	9.86E-02	4.72E-05	1
507	507	0	39001020	Octachlorodibenzofuran	1	5.50E-11	2.63E-14	1
507	507	0	3268879	Octachlorodibenzopdioxin	1	1.89E-10	9.03E-14	1
507	507	0	7429905	Aluminum	1	1.24E+02	5.93E-02	1
507	507	0	7440393	Barium	1	1.51E+00	7.21E-04	1
507	507	0	7440417	Beryllium	1	1.54E-03	7.37E-07	1
507	507	0	7440439	Cadmium	1	3.38E-02	1.62E-05	1
507	507	0	7440473	Chromium(total)	1	3.82E-01	1.83E-04	1
507	507	0	7440508	Copper	1	1.35E-01	6.48E-05	1
507	507	0	7439921	Leadcompounds(inorganic)	1	1.33E+00	6.39E-04	1
507	507	0	7782492	Selenium	1	1.54E-03	7.37E-07	1
507	507	0	1175	Silica	1	1.54E+02	7.37E-02	1
507	507	0	7440666	Zinc	1	9.31E-01	4.46E-04	1
508	508	0	107028	Acrolein	1	2.08E-03	9.94E-07	1
508	508	0	9901	DPM	1	1.56E-02	7.48E-06	1
508	508	0	56553	Benzaanthracene	1	1.87E-05	8.95E-09	1
508	508	0	50328	Benzoapyrene	1	1.02E-06	4.87E-10	1
508	508	0	205992	Benzobfluoranthene	1	1.39E-05	6.65E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
508	508	0	207089	Benzokfluoranthene	1	1.39E-05	6.65E-09	1
508	508	0	218019	Chrysene	1	2.09E-05	1.00E-08	1
508	508	0	100414	Ethylbenzene	1	4.99E-02	2.39E-05	1
508	508	0	91203	PAHs[Napth]	1	7.16E-03	3.43E-06	1
508	508	0	110543	Hexane	1	3.03E-02	1.45E-05	1
508	508	0	100425	Styrene	1	1.16E-02	5.53E-06	1
508	508	0	108883	Toluene	1	3.52E-01	1.69E-04	1
508	508	0	1330207	Xylenes	1	1.98E-01	9.50E-05	1
508	508	0	71432	Benzene	1	1.63E-01	7.79E-05	1
508	508	0	67562394	1234678Heptachlorodibenzofuran	1	3.77E-11	1.81E-14	1
508	508	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.86E-11	8.89E-15	1
508	508	0	55673897	1234789Heptachlorodibenzofuran	1	1.21E-12	5.78E-16	1
508	508	0	70648269	123478Hexachlorodibenzofuran	1	3.40E-12	1.63E-15	1
508	508	0	39227286	123478HexachlorodibenzopDioxin	1	1.21E-12	5.78E-16	1
508	508	0	57117449	123678Hexachlorodibenzofuran	1	3.62E-12	1.73E-15	1
508	508	0	57653857	123678HexachlorodibenzopDioxin	1	2.47E-12	1.18E-15	1
508	508	0	72918219	123789Hexachlorodibenzofuran	1	9.89E-13	4.73E-16	1
508	508	0	19408743	123789HexachlorodibenzopDioxin	1	1.54E-12	7.36E-16	1
508	508	0	57117416	12378Pentachlorodibenzofuranj	1	4.12E-12	1.97E-15	1
508	508	0	40321764	12378PentachlorodibenzopDioxin	1	1.15E-12	5.53E-16	1
508	508	0	60851345	234678Hexachlorodibenzofuran	1	4.24E-12	2.03E-15	1
508	508	0	57117314	23478Pentachlorodibenzofuran	1	3.02E-12	1.45E-15	1
508	508	0	51207319	2378Tetrachlorodibenzofuran	1	8.61E-12	4.12E-15	1
508	508	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.58E-12	1.24E-15	1
508	508	0	7440382	Arsenic	1	1.65E-02	7.91E-06	1
508	508	0	18540299	Chromiumhexavalent6	1	8.32E-08	3.98E-11	1
508	508	0	7439965	Manganese	1	1.15E+00	5.49E-04	1
508	508	0	7439976	Mercury	1	8.34E-07	3.99E-10	1
508	508	0	7440020	Nickel	1	7.66E-02	3.67E-05	1
508	508	0	39001020	Octachlorodibenzofuran	1	4.27E-11	2.05E-14	1
508	508	0	3268879	Octachlorodibenzopdioxin	1	1.47E-10	7.02E-14	1
508	508	0	7429905	Aluminum	1	9.63E+01	4.61E-02	1
508	508	0	7440393	Barium	1	1.17E+00	5.61E-04	1
508	508	0	7440417	Beryllium	1	1.20E-03	5.73E-07	1
508	508	0	7440439	Cadmium	1	2.63E-02	1.26E-05	1
508	508	0	7440473	Chromium(total)	1	2.97E-01	1.42E-04	1
508	508	0	7440508	Copper	1	1.05E-01	5.04E-05	1
508	508	0	7439921	Leadcompounds(inorganic)	1	1.04E+00	4.97E-04	1
508	508	0	7782492	Selenium	1	1.20E-03	5.73E-07	1
508	508	0	1175	Silica	1	1.20E+02	5.73E-02	1
508	508	0	7440666	Zinc	1	7.24E-01	3.47E-04	1
509	509	0	107028	Acrolein	1	2.78E-03	1.33E-06	1
509	509	0	9901	DPM	1	2.09E-02	1.00E-05	1
509	509	0	56553	Benzaanthracene	1	2.50E-05	1.20E-08	1
509	509	0	50328	Benzoapyrene	1	1.36E-06	6.52E-10	1
509	509	0	205992	Benzobfluoranthene	1	1.86E-05	8.89E-09	1
509	509	0	207089	Benzokfluoranthene	1	1.86E-05	8.89E-09	1
509	509	0	218019	Chrysene	1	2.80E-05	1.34E-08	1
509	509	0	100414	Ethylbenzene	1	6.67E-02	3.20E-05	1
509	509	0	91203	PAHs[Napth]	1	9.59E-03	4.59E-06	1
509	509	0	110543	Hexane	1	4.05E-02	1.94E-05	1
509	509	0	100425	Styrene	1	1.55E-02	7.41E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
509	509	0	108883	Toluene	1	4.72E-01	2.26E-04	1
509	509	0	1330207	Xylenes	1	2.66E-01	1.27E-04	1
509	509	0	71432	Benzene	1	2.18E-01	1.04E-04	1
509	509	0	67562394	1234678Heptachlorodibenzofuran	1	5.05E-11	2.42E-14	1
509	509	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.48E-11	1.19E-14	1
509	509	0	55673897	1234789Heptachlorodibenzofuran	1	1.62E-12	7.74E-16	1
509	509	0	70648269	123478Hexachlorodibenzofuran	1	4.55E-12	2.18E-15	1
509	509	0	39227286	123478HexachlorodibenzopDioxin	1	1.62E-12	7.74E-16	1
509	509	0	57117449	123678Hexachlorodibenzofuran	1	4.84E-12	2.32E-15	1
509	509	0	57653857	123678HexachlorodibenzopDioxin	1	3.31E-12	1.58E-15	1
509	509	0	72918219	123789Hexachlorodibenzofuran	1	1.32E-12	6.34E-16	1
509	509	0	19408743	123789HexachlorodibenzopDioxin	1	2.06E-12	9.86E-16	1
509	509	0	57117416	12378Pentachlorodibenzofuranj	1	5.51E-12	2.64E-15	1
509	509	0	40321764	12378PentachlorodibenzopDioxin	1	1.54E-12	7.40E-16	1
509	509	0	60851345	234678Hexachlorodibenzofuran	1	5.68E-12	2.72E-15	1
509	509	0	57117314	23478Pentachlorodibenzofuran	1	4.04E-12	1.94E-15	1
509	509	0	51207319	2378Tetrachlorodibenzofuran	1	1.15E-11	5.52E-15	1
509	509	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.45E-12	1.65E-15	1
509	509	0	7440382	Arsenic	1	2.21E-02	1.06E-05	1
509	509	0	18540299	Chromiumhexavalent6	1	1.11E-07	5.33E-11	1
509	509	0	7439965	Manganese	1	1.54E+00	7.35E-04	1
509	509	0	7439976	Mercury	1	1.12E-06	5.34E-10	1
509	509	0	7440020	Nickel	1	1.03E-01	4.91E-05	1
509	509	0	39001020	Octachlorodibenzofuran	1	5.72E-11	2.74E-14	1
509	509	0	3268879	Octachlorodibenzopdioxin	1	1.96E-10	9.40E-14	1
509	509	0	7429905	Aluminum	1	1.29E+02	6.17E-02	1
509	509	0	7440393	Barium	1	1.57E+00	7.51E-04	1
509	509	0	7440417	Beryllium	1	1.60E-03	7.67E-07	1
509	509	0	7440439	Cadmium	1	3.52E-02	1.69E-05	1
509	509	0	7440473	Chromium(total)	1	3.97E-01	1.90E-04	1
509	509	0	7440508	Copper	1	1.41E-01	6.75E-05	1
509	509	0	7439921	Leadcompounds(inorganic)	1	1.39E+00	6.65E-04	1
509	509	0	7782492	Selenium	1	1.60E-03	7.67E-07	1
509	509	0	1175	Silica	1	1.60E+02	7.67E-02	1
509	509	0	7440666	Zinc	1	9.69E-01	4.64E-04	1
510	510	0	107028	Acrolein	1	4.89E-03	2.34E-06	1
510	510	0	9901	DPM	1	3.68E-02	1.76E-05	1
510	510	0	56553	Benzaanthracene	1	4.40E-05	2.11E-08	1
510	510	0	50328	Benzoapyrene	1	2.40E-06	1.15E-09	1
510	510	0	205992	Benzobfluoranthene	1	3.27E-05	1.57E-08	1
510	510	0	207089	Benzokfluoranthene	1	3.27E-05	1.57E-08	1
510	510	0	218019	Chrysene	1	4.93E-05	2.36E-08	1
510	510	0	100414	Ethylbenzene	1	1.18E-01	5.63E-05	1
510	510	0	91203	PAHs[Napth]	1	1.69E-02	8.08E-06	1
510	510	0	110543	Hexane	1	7.13E-02	3.42E-05	1
510	510	0	100425	Styrene	1	2.72E-02	1.30E-05	1
510	510	0	108883	Toluene	1	8.30E-01	3.98E-04	1
510	510	0	1330207	Xylenes	1	4.68E-01	2.24E-04	1
510	510	0	71432	Benzene	1	3.83E-01	1.84E-04	1
510	510	0	67562394	1234678Heptachlorodibenzofuran	1	8.89E-11	4.26E-14	1
510	510	0	35822469	1234678HeptachlorodibenzopDioxin	1	4.37E-11	2.09E-14	1
510	510	0	55673897	1234789Heptachlorodibenzofuran	1	2.84E-12	1.36E-15	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
510	510	0	70648269	123478Hexachlorodibenzofuran	1	8.01E-12	3.84E-15	1
510	510	0	39227286	123478HexachlorodibenzopDioxin	1	2.84E-12	1.36E-15	1
510	510	0	57117449	123678Hexachlorodibenzofuran	1	8.53E-12	4.08E-15	1
510	510	0	57653857	123678HexachlorodibenzopDioxin	1	5.82E-12	2.79E-15	1
510	510	0	72918219	123789Hexachlorodibenzofuran	1	2.33E-12	1.12E-15	1
510	510	0	19408743	123789HexachlorodibenzopDioxin	1	3.62E-12	1.74E-15	1
510	510	0	57117416	12378Pentachlorodibenzofuranj	1	9.70E-12	4.65E-15	1
510	510	0	40321764	12378PentachlorodibenzopDioxin	1	2.72E-12	1.30E-15	1
510	510	0	60851345	234678Hexachlorodibenzofuran	1	1.00E-11	4.79E-15	1
510	510	0	57117314	23478Pentachlorodibenzofuran	1	7.11E-12	3.41E-15	1
510	510	0	51207319	2378Tetrachlorodibenzofuran	1	2.03E-11	9.72E-15	1
510	510	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	6.08E-12	2.91E-15	1
510	510	0	7440382	Arsenic	1	3.89E-02	1.86E-05	1
510	510	0	18540299	Chromiumhexavalent6	1	1.96E-07	9.39E-11	1
510	510	0	7439965	Manganese	1	2.70E+00	1.29E-03	1
510	510	0	7439976	Mercury	1	1.96E-06	9.41E-10	1
510	510	0	7440020	Nickel	1	1.81E-01	8.65E-05	1
510	510	0	39001020	Octachlorodibenzofuran	1	1.01E-10	4.82E-14	1
510	510	0	3268879	Octachlorodibenzopdioxin	1	3.45E-10	1.65E-13	1
510	510	0	7429905	Aluminum	1	2.27E+02	1.09E-01	1
510	510	0	7440393	Barium	1	2.76E+00	1.32E-03	1
510	510	0	7440417	Beryllium	1	2.82E-03	1.35E-06	1
510	510	0	7440439	Cadmium	1	6.20E-02	2.97E-05	1
510	510	0	7440473	Chromium(total)	1	6.99E-01	3.35E-04	1
510	510	0	7440508	Copper	1	2.48E-01	1.19E-04	1
510	510	0	7439921	Leadcompounds(inorganic)	1	2.44E+00	1.17E-03	1
510	510	0	7782492	Selenium	1	2.82E-03	1.35E-06	1
510	510	0	1175	Silica	1	2.82E+02	1.35E-01	1
510	510	0	7440666	Zinc	1	1.71E+00	8.17E-04	1
511	511	0	107028	Acrolein	1	1.12E-03	5.37E-07	1
511	511	0	9901	DPM	1	8.43E-03	4.04E-06	1
511	511	0	56553	Benzaanthracene	1	1.01E-05	4.83E-09	1
511	511	0	50328	Benzoapyrene	1	5.49E-07	2.63E-10	1
511	511	0	205992	Benzobfluoranthene	1	7.49E-06	3.59E-09	1
511	511	0	207089	Benzokfluoranthene	1	7.49E-06	3.59E-09	1
511	511	0	218019	Chrysene	1	1.13E-05	5.41E-09	1
511	511	0	100414	Ethylbenzene	1	2.69E-02	1.29E-05	1
511	511	0	91203	PAHs[Napth]	1	3.87E-03	1.85E-06	1
511	511	0	110543	Hexane	1	1.63E-02	7.82E-06	1
511	511	0	100425	Styrene	1	6.24E-03	2.99E-06	1
511	511	0	108883	Toluene	1	1.90E-01	9.11E-05	1
511	511	0	1330207	Xylenes	1	1.07E-01	5.13E-05	1
511	511	0	71432	Benzene	1	8.78E-02	4.21E-05	1
511	511	0	67562394	1234678Heptachlorodibenzofuran	1	2.04E-11	9.76E-15	1
511	511	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.00E-11	4.80E-15	1
511	511	0	55673897	1234789Heptachlorodibenzofuran	1	6.52E-13	3.12E-16	1
511	511	0	70648269	123478Hexachlorodibenzofuran	1	1.84E-12	8.79E-16	1
511	511	0	39227286	123478HexachlorodibenzopDioxin	1	6.52E-13	3.12E-16	1
511	511	0	57117449	123678Hexachlorodibenzofuran	1	1.95E-12	9.35E-16	1
511	511	0	57653857	123678HexachlorodibenzopDioxin	1	1.33E-12	6.39E-16	1
511	511	0	72918219	123789Hexachlorodibenzofuran	1	5.34E-13	2.56E-16	1
511	511	0	19408743	123789HexachlorodibenzopDioxin	1	8.30E-13	3.98E-16	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
511	511	0	57117416	12378Pentachlorodibenzofuranj	1	2.22E-12	1.06E-15	1
511	511	0	40321764	12378PentachlorodibenzopDioxin	1	6.23E-13	2.98E-16	1
511	511	0	60851345	234678Hexachlorodibenzofuran	1	2.29E-12	1.10E-15	1
511	511	0	57117314	23478Pentachlorodibenzofuran	1	1.63E-12	7.81E-16	1
511	511	0	51207319	2378Tetrachlorodibenzofuran	1	4.65E-12	2.23E-15	1
511	511	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.39E-12	6.67E-16	1
511	511	0	7440382	Arsenic	1	8.92E-03	4.27E-06	1
511	511	0	18540299	Chromiumhexavalent6	1	4.49E-08	2.15E-11	1
511	511	0	7439965	Manganese	1	6.19E-01	2.97E-04	1
511	511	0	7439976	Mercury	1	4.50E-07	2.16E-10	1
511	511	0	7440020	Nickel	1	4.14E-02	1.98E-05	1
511	511	0	39001020	Octachlorodibenzofuran	1	2.31E-11	1.10E-14	1
511	511	0	3268879	Octachlorodibenzopdioxin	1	7.91E-11	3.79E-14	1
511	511	0	7429905	Aluminum	1	5.20E+01	2.49E-02	1
511	511	0	7440393	Barium	1	6.32E-01	3.03E-04	1
511	511	0	7440417	Beryllium	1	6.46E-04	3.09E-07	1
511	511	0	7440439	Cadmium	1	1.42E-02	6.80E-06	1
511	511	0	7440473	Chromium(total)	1	1.60E-01	7.67E-05	1
511	511	0	7440508	Copper	1	5.68E-02	2.72E-05	1
511	511	0	7439921	Leadcompounds(inorganic)	1	5.60E-01	2.68E-04	1
511	511	0	7782492	Selenium	1	6.46E-04	3.09E-07	1
511	511	0	1175	Silica	1	6.46E+01	3.09E-02	1
511	511	0	7440666	Zinc	1	3.91E-01	1.87E-04	1
512	512	0	107028	Acrolein	1	9.69E-04	4.64E-07	1
512	512	0	9901	DPM	1	7.29E-03	3.49E-06	1
512	512	0	56553	Benzaanthracene	1	8.72E-06	4.18E-09	1
512	512	0	50328	Benzoapyrene	1	4.75E-07	2.27E-10	1
512	512	0	205992	Benzobfluoranthene	1	6.47E-06	3.10E-09	1
512	512	0	207089	Benzokfluoranthene	1	6.47E-06	3.10E-09	1
512	512	0	218019	Chrysene	1	9.77E-06	4.68E-09	1
512	512	0	100414	Ethylbenzene	1	2.33E-02	1.11E-05	1
512	512	0	91203	PAHs[Napth]	1	3.34E-03	1.60E-06	1
512	512	0	110543	Hexane	1	1.41E-02	6.76E-06	1
512	512	0	100425	Styrene	1	5.39E-03	2.58E-06	1
512	512	0	108883	Toluene	1	1.64E-01	7.87E-05	1
512	512	0	1330207	Xylenes	1	9.26E-02	4.43E-05	1
512	512	0	71432	Benzene	1	7.59E-02	3.63E-05	1
512	512	0	67562394	1234678Heptachlorodibenzofuran	1	1.76E-11	8.43E-15	1
512	512	0	35822469	1234678HeptachlorodibenzopDioxin	1	8.66E-12	4.15E-15	1
512	512	0	55673897	1234789Heptachlorodibenzofuran	1	5.63E-13	2.70E-16	1
512	512	0	70648269	123478Hexachlorodibenzofuran	1	1.59E-12	7.60E-16	1
512	512	0	39227286	123478HexachlorodibenzopDioxin	1	5.63E-13	2.70E-16	1
512	512	0	57117449	123678Hexachlorodibenzofuran	1	1.69E-12	8.08E-16	1
512	512	0	57653857	123678HexachlorodibenzopDioxin	1	1.15E-12	5.52E-16	1
512	512	0	72918219	123789Hexachlorodibenzofuran	1	4.61E-13	2.21E-16	1
512	512	0	19408743	123789HexachlorodibenzopDioxin	1	7.17E-13	3.44E-16	1
512	512	0	57117416	12378Pentachlorodibenzofuranj	1	1.92E-12	9.20E-16	1
512	512	0	40321764	12378PentachlorodibenzopDioxin	1	5.38E-13	2.58E-16	1
512	512	0	60851345	234678Hexachlorodibenzofuran	1	1.98E-12	9.48E-16	1
512	512	0	57117314	23478Pentachlorodibenzofuran	1	1.41E-12	6.75E-16	1
512	512	0	51207319	2378Tetrachlorodibenzofuran	1	4.02E-12	1.92E-15	1
512	512	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.20E-12	5.76E-16	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
512	512	0	7440382	Arsenic	1	7.71E-03	3.69E-06	1
512	512	0	18540299	Chromiumhexavalent6	1	3.88E-08	1.86E-11	1
512	512	0	7439965	Manganese	1	5.35E-01	2.56E-04	1
512	512	0	7439976	Mercury	1	3.89E-07	1.86E-10	1
512	512	0	7440020	Nickel	1	3.58E-02	1.71E-05	1
512	512	0	39001020	Octachlorodibenzofuran	1	1.99E-11	9.55E-15	1
512	512	0	3268879	Octachlorodibenzopdioxin	1	6.84E-11	3.28E-14	1
512	512	0	7429905	Aluminum	1	4.49E+01	2.15E-02	1
512	512	0	7440393	Barium	1	5.46E-01	2.62E-04	1
512	512	0	7440417	Beryllium	1	5.58E-04	2.67E-07	1
512	512	0	7440439	Cadmium	1	1.23E-02	5.88E-06	1
512	512	0	7440473	Chromium(total)	1	1.38E-01	6.63E-05	1
512	512	0	7440508	Copper	1	4.91E-02	2.35E-05	1
512	512	0	7439921	Leadcompounds(inorganic)	1	4.84E-01	2.32E-04	1
512	512	0	7782492	Selenium	1	5.58E-04	2.67E-07	1
512	512	0	1175	Silica	1	5.58E+01	2.67E-02	1
512	512	0	7440666	Zinc	1	3.38E-01	1.62E-04	1
513	513	0	107028	Acrolein	1	1.74E-03	8.35E-07	1
513	513	0	9901	DPM	1	1.31E-02	6.28E-06	1
513	513	0	56553	Benzaanthracene	1	1.57E-05	7.52E-09	1
513	513	0	50328	Benzoapyrene	1	8.54E-07	4.09E-10	1
513	513	0	205992	Benzobfluoranthene	1	1.17E-05	5.58E-09	1
513	513	0	207089	Benzokfluoranthene	1	1.17E-05	5.58E-09	1
513	513	0	218019	Chrysene	1	1.76E-05	8.42E-09	1
513	513	0	100414	Ethylbenzene	1	4.19E-02	2.01E-05	1
513	513	0	91203	PAHs[Napth]	1	6.02E-03	2.88E-06	1
513	513	0	110543	Hexane	1	2.54E-02	1.22E-05	1
513	513	0	100425	Styrene	1	9.71E-03	4.65E-06	1
513	513	0	108883	Toluene	1	2.96E-01	1.42E-04	1
513	513	0	1330207	Xylenes	1	1.67E-01	7.98E-05	1
513	513	0	71432	Benzene	1	1.37E-01	6.54E-05	1
513	513	0	67562394	1234678Heptachlorodibenzofuran	1	3.17E-11	1.52E-14	1
513	513	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.56E-11	7.46E-15	1
513	513	0	55673897	1234789Heptachlorodibenzofuran	1	1.01E-12	4.86E-16	1
513	513	0	70648269	123478Hexachlorodibenzofuran	1	2.86E-12	1.37E-15	1
513	513	0	39227286	123478HexachlorodibenzopDioxin	1	1.01E-12	4.86E-16	1
513	513	0	57117449	123678Hexachlorodibenzofuran	1	3.04E-12	1.46E-15	1
513	513	0	57653857	123678HexachlorodibenzopDioxin	1	2.07E-12	9.94E-16	1
513	513	0	72918219	123789Hexachlorodibenzofuran	1	8.30E-13	3.98E-16	1
513	513	0	19408743	123789HexachlorodibenzopDioxin	1	1.29E-12	6.18E-16	1
513	513	0	57117416	12378Pentachlorodibenzofuranj	1	3.46E-12	1.66E-15	1
513	513	0	40321764	12378PentachlorodibenzopDioxin	1	9.69E-13	4.64E-16	1
513	513	0	60851345	234678Hexachlorodibenzofuran	1	3.56E-12	1.71E-15	1
513	513	0	57117314	23478Pentachlorodibenzofuran	1	2.54E-12	1.21E-15	1
513	513	0	51207319	2378Tetrachlorodibenzofuran	1	7.23E-12	3.46E-15	1
513	513	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.17E-12	1.04E-15	1
513	513	0	7440382	Arsenic	1	1.39E-02	6.65E-06	1
513	513	0	18540299	Chromiumhexavalent6	1	6.99E-08	3.35E-11	1
513	513	0	7439965	Manganese	1	9.63E-01	4.61E-04	1
513	513	0	7439976	Mercury	1	7.00E-07	3.35E-10	1
513	513	0	7440020	Nickel	1	6.44E-02	3.08E-05	1
513	513	0	39001020	Octachlorodibenzofuran	1	3.59E-11	1.72E-14	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
513	513	0	3268879	Octachlorodibenzopdioxin	1	1.23E-10	5.90E-14	1
513	513	0	7429905	Aluminum	1	8.09E+01	3.87E-02	1
513	513	0	7440393	Barium	1	9.84E-01	4.71E-04	1
513	513	0	7440417	Beryllium	1	1.00E-03	4.81E-07	1
513	513	0	7440439	Cadmium	1	2.21E-02	1.06E-05	1
513	513	0	7440473	Chromium(total)	1	2.49E-01	1.19E-04	1
513	513	0	7440508	Copper	1	8.84E-02	4.23E-05	1
513	513	0	7439921	Leadcompounds(inorganic)	1	8.71E-01	4.17E-04	1
513	513	0	7782492	Selenium	1	1.00E-03	4.81E-07	1
513	513	0	1175	Silica	1	1.00E+02	4.81E-02	1
513	513	0	7440666	Zinc	1	6.08E-01	2.91E-04	1
514	514	0	107028	Acrolein	1	3.01E-03	1.44E-06	1
514	514	0	9901	DPM	1	2.27E-02	1.09E-05	1
514	514	0	56553	Benzaanthracene	1	2.71E-05	1.30E-08	1
514	514	0	50328	Benzoapyrene	1	1.48E-06	7.07E-10	1
514	514	0	205992	Benzobfluoranthene	1	2.01E-05	9.64E-09	1
514	514	0	207089	Benzokfluoranthene	1	2.01E-05	9.64E-09	1
514	514	0	218019	Chrysene	1	3.04E-05	1.45E-08	1
514	514	0	100414	Ethylbenzene	1	7.23E-02	3.46E-05	1
514	514	0	91203	PAHs[Napth]	1	1.04E-02	4.98E-06	1
514	514	0	110543	Hexane	1	4.39E-02	2.10E-05	1
514	514	0	100425	Styrene	1	1.68E-02	8.03E-06	1
514	514	0	108883	Toluene	1	5.11E-01	2.45E-04	1
514	514	0	1330207	Xylenes	1	2.88E-01	1.38E-04	1
514	514	0	71432	Benzene	1	2.36E-01	1.13E-04	1
514	514	0	67562394	1234678Heptachlorodibenzofuran	1	5.47E-11	2.62E-14	1
514	514	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.69E-11	1.29E-14	1
514	514	0	55673897	1234789Heptachlorodibenzofuran	1	1.75E-12	8.39E-16	1
514	514	0	70648269	123478Hexachlorodibenzofuran	1	4.93E-12	2.36E-15	1
514	514	0	39227286	123478HexachlorodibenzopDioxin	1	1.75E-12	8.39E-16	1
514	514	0	57117449	123678Hexachlorodibenzofuran	1	5.25E-12	2.51E-15	1
514	514	0	57653857	123678HexachlorodibenzopDioxin	1	3.58E-12	1.72E-15	1
514	514	0	72918219	123789Hexachlorodibenzofuran	1	1.43E-12	6.87E-16	1
514	514	0	19408743	123789HexachlorodibenzopDioxin	1	2.23E-12	1.07E-15	1
514	514	0	57117416	12378Pentachlorodibenzofuranj	1	5.97E-12	2.86E-15	1
514	514	0	40321764	12378PentachlorodibenzopDioxin	1	1.67E-12	8.02E-16	1
514	514	0	60851345	234678Hexachlorodibenzofuran	1	6.15E-12	2.95E-15	1
514	514	0	57117314	23478Pentachlorodibenzofuran	1	4.38E-12	2.10E-15	1
514	514	0	51207319	2378Tetrachlorodibenzofuran	1	1.25E-11	5.98E-15	1
514	514	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.74E-12	1.79E-15	1
514	514	0	7440382	Arsenic	1	2.40E-02	1.15E-05	1
514	514	0	18540299	Chromiumhexavalent6	1	1.21E-07	5.78E-11	1
514	514	0	7439965	Manganese	1	1.66E+00	7.97E-04	1
514	514	0	7439976	Mercury	1	1.21E-06	5.79E-10	1
514	514	0	7440020	Nickel	1	1.11E-01	5.32E-05	1
514	514	0	39001020	Octachlorodibenzofuran	1	6.20E-11	2.97E-14	1
514	514	0	3268879	Octachlorodibenzopdioxin	1	2.13E-10	1.02E-13	1
514	514	0	7429905	Aluminum	1	1.40E+02	6.69E-02	1
514	514	0	7440393	Barium	1	1.70E+00	8.14E-04	1
514	514	0	7440417	Beryllium	1	1.74E-03	8.31E-07	1
514	514	0	7440439	Cadmium	1	3.82E-02	1.83E-05	1
514	514	0	7440473	Chromium(total)	1	4.30E-01	2.06E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
514	514	0	7440508	Copper	1	1.53E-01	7.31E-05	1
514	514	0	7439921	Leadcompounds(inorganic)	1	1.50E+00	7.21E-04	1
514	514	0	7782492	Selenium	1	1.74E-03	8.31E-07	1
514	514	0	1175	Silica	1	1.74E+02	8.31E-02	1
514	514	0	7440666	Zinc	1	1.05E+00	5.03E-04	1
520	520	0	107028	Acrolein	1	3.99E-04	1.91E-07	1
520	520	0	9901	DPM	1	3.00E-03	1.44E-06	1
520	520	0	56553	Benzaanthracene	1	3.59E-06	1.72E-09	1
520	520	0	50328	Benzoapyrene	1	1.95E-07	9.36E-11	1
520	520	0	205992	Benzobfluoranthene	1	2.67E-06	1.28E-09	1
520	520	0	207089	Benzokfluoranthene	1	2.67E-06	1.28E-09	1
520	520	0	218019	Chrysene	1	4.02E-06	1.93E-09	1
520	520	0	100414	Ethylbenzene	1	9.58E-03	4.59E-06	1
520	520	0	91203	PAHs[Napth]	1	1.38E-03	6.59E-07	1
520	520	0	110543	Hexane	1	5.81E-03	2.78E-06	1
520	520	0	100425	Styrene	1	2.22E-03	1.06E-06	1
520	520	0	108883	Toluene	1	6.77E-02	3.24E-05	1
520	520	0	1330207	Xylenes	1	3.81E-02	1.83E-05	1
520	520	0	71432	Benzene	1	3.12E-02	1.50E-05	1
520	520	0	67562394	1234678Heptachlorodibenzofuran	1	7.25E-12	3.47E-15	1
520	520	0	35822469	1234678HeptachlorodibenzopDioxin	1	3.56E-12	1.71E-15	1
520	520	0	55673897	1234789Heptachlorodibenzofuran	1	2.32E-13	1.11E-16	1
520	520	0	70648269	123478Hexachlorodibenzofuran	1	6.53E-13	3.13E-16	1
520	520	0	39227286	123478HexachlorodibenzopDioxin	1	2.32E-13	1.11E-16	1
520	520	0	57117449	123678Hexachlorodibenzofuran	1	6.95E-13	3.33E-16	1
520	520	0	57653857	123678HexachlorodibenzopDioxin	1	4.74E-13	2.27E-16	1
520	520	0	72918219	123789Hexachlorodibenzofuran	1	1.90E-13	9.10E-17	1
520	520	0	19408743	123789HexachlorodibenzopDioxin	1	2.95E-13	1.41E-16	1
520	520	0	57117416	12378Pentachlorodibenzofuranj	1	7.91E-13	3.79E-16	1
520	520	0	40321764	12378PentachlorodibenzopDioxin	1	2.22E-13	1.06E-16	1
520	520	0	60851345	234678Hexachlorodibenzofuran	1	8.15E-13	3.90E-16	1
520	520	0	57117314	23478Pentachlorodibenzofuran	1	5.80E-13	2.78E-16	1
520	520	0	51207319	2378Tetrachlorodibenzofuran	1	1.65E-12	7.92E-16	1
520	520	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	4.95E-13	2.37E-16	1
520	520	0	7440382	Arsenic	1	3.17E-03	1.52E-06	1
520	520	0	18540299	Chromiumhexavalent6	1	1.60E-08	7.65E-12	1
520	520	0	7439965	Manganese	1	2.20E-01	1.06E-04	1
520	520	0	7439976	Mercury	1	1.60E-07	7.67E-11	1
520	520	0	7440020	Nickel	1	1.47E-02	7.05E-06	1
520	520	0	39001020	Octachlorodibenzofuran	1	8.21E-12	3.93E-15	1
520	520	0	3268879	Octachlorodibenzopdioxin	1	2.82E-11	1.35E-14	1
520	520	0	7429905	Aluminum	1	1.85E+01	8.86E-03	1
520	520	0	7440393	Barium	1	2.25E-01	1.08E-04	1
520	520	0	7440417	Beryllium	1	2.30E-04	1.10E-07	1
520	520	0	7440439	Cadmium	1	5.05E-03	2.42E-06	1
520	520	0	7440473	Chromium(total)	1	5.70E-02	2.73E-05	1
520	520	0	7440508	Copper	1	2.02E-02	9.68E-06	1
520	520	0	7439921	Leadcompounds(inorganic)	1	1.99E-01	9.54E-05	1
520	520	0	7782492	Selenium	1	2.30E-04	1.10E-07	1
520	520	0	1175	Silica	1	2.30E+01	1.10E-02	1
520	520	0	7440666	Zinc	1	1.39E-01	6.66E-05	1
521	521	0	107028	Acrolein	1	2.92E-04	1.40E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
521	521	0	9901	DPM	1	2.20E-03	1.05E-06	1
521	521	0	56553	Benzaanthracene	1	2.63E-06	1.26E-09	1
521	521	0	50328	Benzoapyrene	1	1.43E-07	6.86E-11	1
521	521	0	205992	Benzobfluoranthene	1	1.95E-06	9.36E-10	1
521	521	0	207089	Benzokfluoranthene	1	1.95E-06	9.36E-10	1
521	521	0	218019	Chrysene	1	2.95E-06	1.41E-09	1
521	521	0	100414	Ethylbenzene	1	7.02E-03	3.36E-06	1
521	521	0	91203	PAHs[Napth]	1	1.01E-03	4.83E-07	1
521	521	0	110543	Hexane	1	4.26E-03	2.04E-06	1
521	521	0	100425	Styrene	1	1.63E-03	7.80E-07	1
521	521	0	108883	Toluene	1	4.96E-02	2.38E-05	1
521	521	0	1330207	Xylenes	1	2.79E-02	1.34E-05	1
521	521	0	71432	Benzene	1	2.29E-02	1.10E-05	1
521	521	0	67562394	1234678Heptachlorodibenzofuran	1	5.32E-12	2.55E-15	1
521	521	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.61E-12	1.25E-15	1
521	521	0	55673897	1234789Heptachlorodibenzofuran	1	1.70E-13	8.14E-17	1
521	521	0	70648269	123478Hexachlorodibenzofuran	1	4.79E-13	2.29E-16	1
521	521	0	39227286	123478HexachlorodibenzopDioxin	1	1.70E-13	8.14E-17	1
521	521	0	57117449	123678Hexachlorodibenzofuran	1	5.10E-13	2.44E-16	1
521	521	0	57653857	123678HexachlorodibenzopDioxin	1	3.48E-13	1.67E-16	1
521	521	0	72918219	123789Hexachlorodibenzofuran	1	1.39E-13	6.67E-17	1
521	521	0	19408743	123789HexachlorodibenzopDioxin	1	2.17E-13	1.04E-16	1
521	521	0	57117416	12378Pentachlorodibenzofuranj	1	5.80E-13	2.78E-16	1
521	521	0	40321764	12378PentachlorodibenzopDioxin	1	1.63E-13	7.79E-17	1
521	521	0	60851345	234678Hexachlorodibenzofuran	1	5.98E-13	2.86E-16	1
521	521	0	57117314	23478Pentachlorodibenzofuran	1	4.25E-13	2.04E-16	1
521	521	0	51207319	2378Tetrachlorodibenzofuran	1	1.21E-12	5.81E-16	1
521	521	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.63E-13	1.74E-16	1
521	521	0	7440382	Arsenic	1	2.33E-03	1.11E-06	1
521	521	0	18540299	Chromiumhexavalent6	1	1.17E-08	5.61E-12	1
521	521	0	7439965	Manganese	1	1.62E-01	7.74E-05	1
521	521	0	7439976	Mercury	1	1.17E-07	5.63E-11	1
521	521	0	7440020	Nickel	1	1.08E-02	5.17E-06	1
521	521	0	39001020	Octachlorodibenzofuran	1	6.02E-12	2.88E-15	1
521	521	0	3268879	Octachlorodibenzopdioxin	1	2.07E-11	9.89E-15	1
521	521	0	7429905	Aluminum	1	1.36E+01	6.50E-03	1
521	521	0	7440393	Barium	1	1.65E-01	7.90E-05	1
521	521	0	7440417	Beryllium	1	1.69E-04	8.07E-08	1
521	521	0	7440439	Cadmium	1	3.71E-03	1.78E-06	1
521	521	0	7440473	Chromium(total)	1	4.18E-02	2.00E-05	1
521	521	0	7440508	Copper	1	1.48E-02	7.10E-06	1
521	521	0	7439921	Leadcompounds(inorganic)	1	1.46E-01	7.00E-05	1
521	521	0	7782492	Selenium	1	1.69E-04	8.07E-08	1
521	521	0	1175	Silica	1	1.69E+01	8.07E-03	1
521	521	0	7440666	Zinc	1	1.02E-01	4.88E-05	1
522	522	0	107028	Acrolein	1	7.18E-04	3.44E-07	1
522	522	0	9901	DPM	1	5.40E-03	2.59E-06	1
522	522	0	56553	Benzaanthracene	1	6.46E-06	3.10E-09	1
522	522	0	50328	Benzoapyrene	1	3.52E-07	1.69E-10	1
522	522	0	205992	Benzobfluoranthene	1	4.80E-06	2.30E-09	1
522	522	0	207089	Benzokfluoranthene	1	4.80E-06	2.30E-09	1
522	522	0	218019	Chrysene	1	7.24E-06	3.47E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
522	522	0	100414	Ethylbenzene	1	1.73E-02	8.26E-06	1
522	522	0	91203	PAHs[Napth]	1	2.48E-03	1.19E-06	1
522	522	0	110543	Hexane	1	1.05E-02	5.01E-06	1
522	522	0	100425	Styrene	1	4.00E-03	1.91E-06	1
522	522	0	108883	Toluene	1	1.22E-01	5.84E-05	1
522	522	0	1330207	Xylenes	1	6.86E-02	3.29E-05	1
522	522	0	71432	Benzene	1	5.63E-02	2.69E-05	1
522	522	0	67562394	1234678Heptachlorodibenzofuran	1	1.31E-11	6.25E-15	1
522	522	0	35822469	1234678HeptachlorodibenzopDioxin	1	6.42E-12	3.07E-15	1
522	522	0	55673897	1234789Heptachlorodibenzofuran	1	4.18E-13	2.00E-16	1
522	522	0	70648269	123478Hexachlorodibenzofuran	1	1.18E-12	5.63E-16	1
522	522	0	39227286	123478HexachlorodibenzopDioxin	1	4.18E-13	2.00E-16	1
522	522	0	57117449	123678Hexachlorodibenzofuran	1	1.25E-12	5.99E-16	1
522	522	0	57653857	123678HexachlorodibenzopDioxin	1	8.55E-13	4.09E-16	1
522	522	0	72918219	123789Hexachlorodibenzofuran	1	3.42E-13	1.64E-16	1
522	522	0	19408743	123789HexachlorodibenzopDioxin	1	5.32E-13	2.55E-16	1
522	522	0	57117416	12378Pentachlorodibenzofuranj	1	1.42E-12	6.82E-16	1
522	522	0	40321764	12378PentachlorodibenzopDioxin	1	3.99E-13	1.91E-16	1
522	522	0	60851345	234678Hexachlorodibenzofuran	1	1.47E-12	7.03E-16	1
522	522	0	57117314	23478Pentachlorodibenzofuran	1	1.04E-12	5.00E-16	1
522	522	0	51207319	2378Tetrachlorodibenzofuran	1	2.98E-12	1.43E-15	1
522	522	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	8.92E-13	4.27E-16	1
522	522	0	7440382	Arsenic	1	5.72E-03	2.74E-06	1
522	522	0	18540299	Chromiumhexavalent6	1	2.88E-08	1.38E-11	1
522	522	0	7439965	Manganese	1	3.97E-01	1.90E-04	1
522	522	0	7439976	Mercury	1	2.88E-07	1.38E-10	1
522	522	0	7440020	Nickel	1	2.65E-02	1.27E-05	1
522	522	0	39001020	Octachlorodibenzofuran	1	1.48E-11	7.08E-15	1
522	522	0	3268879	Octachlorodibenzopdioxin	1	5.07E-11	2.43E-14	1
522	522	0	7429905	Aluminum	1	3.33E+01	1.60E-02	1
522	522	0	7440393	Barium	1	4.05E-01	1.94E-04	1
522	522	0	7440417	Beryllium	1	4.14E-04	1.98E-07	1
522	522	0	7440439	Cadmium	1	9.10E-03	4.36E-06	1
522	522	0	7440473	Chromium(total)	1	1.03E-01	4.92E-05	1
522	522	0	7440508	Copper	1	3.64E-02	1.74E-05	1
522	522	0	7439921	Leadcompounds(inorganic)	1	3.59E-01	1.72E-04	1
522	522	0	7782492	Selenium	1	4.14E-04	1.98E-07	1
522	522	0	1175	Silica	1	4.14E+01	1.98E-02	1
522	522	0	7440666	Zinc	1	2.50E-01	1.20E-04	1
523	523	0	107028	Acrolein	1	1.95E-04	9.32E-08	1
523	523	0	9901	DPM	1	1.46E-03	7.02E-07	1
523	523	0	56553	Benzaanthracene	1	1.75E-06	8.39E-10	1
523	523	0	50328	Benzoapyrene	1	9.54E-08	4.57E-11	1
523	523	0	205992	Benzobfluoranthene	1	1.30E-06	6.23E-10	1
523	523	0	207089	Benzokfluoranthene	1	1.30E-06	6.23E-10	1
523	523	0	218019	Chrysene	1	1.96E-06	9.40E-10	1
523	523	0	100414	Ethylbenzene	1	4.68E-03	2.24E-06	1
523	523	0	91203	PAHs[Napth]	1	6.72E-04	3.22E-07	1
523	523	0	110543	Hexane	1	2.84E-03	1.36E-06	1
523	523	0	100425	Styrene	1	1.08E-03	5.19E-07	1
523	523	0	108883	Toluene	1	3.30E-02	1.58E-05	1
523	523	0	1330207	Xylenes	1	1.86E-02	8.91E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
523	523	0	71432	Benzene	1	1.53E-02	7.30E-06	1
523	523	0	67562394	1234678Heptachlorodibenzofuran	1	3.54E-12	1.69E-15	1
523	523	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.74E-12	8.33E-16	1
523	523	0	55673897	1234789Heptachlorodibenzofuran	1	1.13E-13	5.42E-17	1
523	523	0	70648269	123478Hexachlorodibenzofuran	1	3.19E-13	1.53E-16	1
523	523	0	39227286	123478HexachlorodibenzopDioxin	1	1.13E-13	5.42E-17	1
523	523	0	57117449	123678Hexachlorodibenzofuran	1	3.39E-13	1.62E-16	1
523	523	0	57653857	123678HexachlorodibenzopDioxin	1	2.32E-13	1.11E-16	1
523	523	0	72918219	123789Hexachlorodibenzofuran	1	9.27E-14	4.44E-17	1
523	523	0	19408743	123789HexachlorodibenzopDioxin	1	1.44E-13	6.91E-17	1
523	523	0	57117416	12378Pentachlorodibenzofuranj	1	3.86E-13	1.85E-16	1
523	523	0	40321764	12378PentachlorodibenzopDioxin	1	1.08E-13	5.18E-17	1
523	523	0	60851345	234678Hexachlorodibenzofuran	1	3.98E-13	1.90E-16	1
523	523	0	57117314	23478Pentachlorodibenzofuran	1	2.83E-13	1.36E-16	1
523	523	0	51207319	2378Tetrachlorodibenzofuran	1	8.07E-13	3.87E-16	1
523	523	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.42E-13	1.16E-16	1
523	523	0	7440382	Arsenic	1	1.55E-03	7.42E-07	1
523	523	0	18540299	Chromiumhexavalent6	1	7.80E-09	3.74E-12	1
523	523	0	7439965	Manganese	1	1.08E-01	5.15E-05	1
523	523	0	7439976	Mercury	1	7.82E-08	3.74E-11	1
523	523	0	7440020	Nickel	1	7.19E-03	3.44E-06	1
523	523	0	39001020	Octachlorodibenzofuran	1	4.01E-12	1.92E-15	1
523	523	0	3268879	Octachlorodibenzopdioxin	1	1.37E-11	6.58E-15	1
523	523	0	7429905	Aluminum	1	9.03E+00	4.33E-03	1
523	523	0	7440393	Barium	1	1.10E-01	5.26E-05	1
523	523	0	7440417	Beryllium	1	1.12E-04	5.37E-08	1
523	523	0	7440439	Cadmium	1	2.47E-03	1.18E-06	1
523	523	0	7440473	Chromium(total)	1	2.78E-02	1.33E-05	1
523	523	0	7440508	Copper	1	9.87E-03	4.73E-06	1
523	523	0	7439921	Leadcompounds(inorganic)	1	9.73E-02	4.66E-05	1
523	523	0	7782492	Selenium	1	1.12E-04	5.37E-08	1
523	523	0	1175	Silica	1	1.12E+01	5.37E-03	1
523	523	0	7440666	Zinc	1	6.79E-02	3.25E-05	1
524	524	0	107028	Acrolein	1	2.76E-04	1.32E-07	1
524	524	0	9901	DPM	1	2.08E-03	9.95E-07	1
524	524	0	56553	Benzaanthracene	1	2.49E-06	1.19E-09	1
524	524	0	50328	Benzoapyrene	1	1.35E-07	6.48E-11	1
524	524	0	205992	Benzobfluoranthene	1	1.85E-06	8.84E-10	1
524	524	0	207089	Benzokfluoranthene	1	1.85E-06	8.84E-10	1
524	524	0	218019	Chrysene	1	2.79E-06	1.33E-09	1
524	524	0	100414	Ethylbenzene	1	6.64E-03	3.18E-06	1
524	524	0	91203	PAHs[Napth]	1	9.53E-04	4.57E-07	1
524	524	0	110543	Hexane	1	4.03E-03	1.93E-06	1
524	524	0	100425	Styrene	1	1.54E-03	7.37E-07	1
524	524	0	108883	Toluene	1	4.69E-02	2.25E-05	1
524	524	0	1330207	Xylenes	1	2.64E-02	1.26E-05	1
524	524	0	71432	Benzene	1	2.16E-02	1.04E-05	1
524	524	0	67562394	1234678Heptachlorodibenzofuran	1	5.02E-12	2.41E-15	1
524	524	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.47E-12	1.18E-15	1
524	524	0	55673897	1234789Heptachlorodibenzofuran	1	1.61E-13	7.69E-17	1
524	524	0	70648269	123478Hexachlorodibenzofuran	1	4.52E-13	2.17E-16	1
524	524	0	39227286	123478HexachlorodibenzopDioxin	1	1.61E-13	7.69E-17	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
524	524	0	57117449	123678Hexachlorodibenzofuran	1	4.81E-13	2.31E-16	1
524	524	0	57653857	123678HexachlorodibenzopDioxin	1	3.29E-13	1.57E-16	1
524	524	0	72918219	123789Hexachlorodibenzofuran	1	1.32E-13	6.30E-17	1
524	524	0	19408743	123789HexachlorodibenzopDioxin	1	2.05E-13	9.80E-17	1
524	524	0	57117416	12378Pentachlorodibenzofuranj	1	5.48E-13	2.62E-16	1
524	524	0	40321764	12378PentachlorodibenzopDioxin	1	1.54E-13	7.35E-17	1
524	524	0	60851345	234678Hexachlorodibenzofuran	1	5.64E-13	2.70E-16	1
524	524	0	57117314	23478Pentachlorodibenzofuran	1	4.02E-13	1.92E-16	1
524	524	0	51207319	2378Tetrachlorodibenzofuran	1	1.15E-12	5.49E-16	1
524	524	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.43E-13	1.64E-16	1
524	524	0	7440382	Arsenic	1	2.20E-03	1.05E-06	1
524	524	0	18540299	Chromiumhexavalent6	1	1.11E-08	5.30E-12	1
524	524	0	7439965	Manganese	1	1.53E-01	7.31E-05	1
524	524	0	7439976	Mercury	1	1.11E-07	5.31E-11	1
524	524	0	7440020	Nickel	1	1.02E-02	4.88E-06	1
524	524	0	39001020	Octachlorodibenzofuran	1	5.69E-12	2.72E-15	1
524	524	0	3268879	Octachlorodibenzopdioxin	1	1.95E-11	9.34E-15	1
524	524	0	7429905	Aluminum	1	1.28E+01	6.14E-03	1
524	524	0	7440393	Barium	1	1.56E-01	7.46E-05	1
524	524	0	7440417	Beryllium	1	1.59E-04	7.62E-08	1
524	524	0	7440439	Cadmium	1	3.50E-03	1.68E-06	1
524	524	0	7440473	Chromium(total)	1	3.95E-02	1.89E-05	1
524	524	0	7440508	Copper	1	1.40E-02	6.71E-06	1
524	524	0	7439921	Leadcompounds(inorganic)	1	1.38E-01	6.61E-05	1
524	524	0	7782492	Selenium	1	1.59E-04	7.62E-08	1
524	524	0	1175	Silica	1	1.59E+01	7.62E-03	1
524	524	0	7440666	Zinc	1	9.63E-02	4.61E-05	1
1	1	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
1	1	0	9901	DPM	1	7.16E-02	0.00E+00	1
1	1	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
1	1	0	71432	Benzene	1	1.36E+00	1.23E-04	1
1	1	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
1	1	0	91203	PAHs[Napth]	1	5.60E-03	5.15E-07	1
1	1	0	100414	Ethylbenzene	1	2.72E-01	2.46E-05	1
1	1	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
1	1	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
1	1	0	108883	Toluene	1	1.22E+00	1.10E-04	1
1	1	0	110543	Hexane	1	0.00E+00	7.03E-07	1
1	1	0	1330207	Xylenes	1	8.45E-01	7.63E-05	1
1	1	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
1	1	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
1	1	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
1	1	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
1	1	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
1	1	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
1	1	0	7440508	Copper	1	0.00E+00	1.07E-07	1
1	1	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
1	1	0	7664417	Ammonia	1	2.33E-03	5.05E-04	1
1	1	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
1	1	0	7783064	Hydrogensulfide	1	5.13E-03	4.66E-07	1
1	1	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
2	2	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
2	2	0	9901	DPM	1	2.09E-02	0.00E+00	1
2	2	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
2	2	0	71432	Benzene	1	3.72E-01	3.08E-05	1
2	2	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
2	2	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
2	2	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
2	2	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
2	2	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
2	2	0	108883	Toluene	1	3.34E-01	2.76E-05	1
2	2	0	110543	Hexane	1	0.00E+00	1.76E-07	1
2	2	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
2	2	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
2	2	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
2	2	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
2	2	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
2	2	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
2	2	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
2	2	0	7440508	Copper	1	0.00E+00	2.68E-08	1
2	2	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
2	2	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
2	2	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
2	2	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
2	2	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
3	3	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
3	3	0	9901	DPM	1	5.47E-02	0.00E+00	1
3	3	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
3	3	0	71432	Benzene	1	1.05E+00	9.23E-05	1
3	3	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
3	3	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
3	3	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
3	3	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
3	3	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
3	3	0	108883	Toluene	1	9.40E-01	8.27E-05	1
3	3	0	110543	Hexane	1	0.00E+00	5.27E-07	1
3	3	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
3	3	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
3	3	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
3	3	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
3	3	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
3	3	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
3	3	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
3	3	0	7440508	Copper	1	0.00E+00	8.04E-08	1
3	3	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
3	3	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
3	3	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
3	3	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
3	3	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
4	4	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
4	4	0	9901	DPM	1	3.78E-02	0.00E+00	1
4	4	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
4	4	0	71432	Benzene	1	6.63E-01	6.15E-05	1
4	4	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
4	4	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
4	4	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
4	4	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
4	4	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
4	4	0	108883	Toluene	1	5.94E-01	5.51E-05	1
4	4	0	110543	Hexane	1	0.00E+00	3.52E-07	1
4	4	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
4	4	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
4	4	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
4	4	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
4	4	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
4	4	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
4	4	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
4	4	0	7440508	Copper	1	0.00E+00	5.36E-08	1
4	4	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
4	4	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
4	4	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
4	4	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
4	4	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
5	5	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
5	5	0	9901	DPM	1	3.78E-02	0.00E+00	1
5	5	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
5	5	0	71432	Benzene	1	6.63E-01	6.15E-05	1
5	5	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
5	5	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
5	5	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
5	5	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
5	5	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
5	5	0	108883	Toluene	1	5.94E-01	5.51E-05	1
5	5	0	110543	Hexane	1	0.00E+00	3.52E-07	1
5	5	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
5	5	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
5	5	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
5	5	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
5	5	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
5	5	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
5	5	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
5	5	0	7440508	Copper	1	0.00E+00	5.36E-08	1
5	5	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
5	5	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
5	5	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
5	5	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
5	5	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
6	6	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
6	6	0	9901	DPM	1	2.09E-02	0.00E+00	1
6	6	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
6	6	0	71432	Benzene	1	3.50E-01	3.08E-05	1
6	6	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
6	6	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
6	6	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
6	6	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
6	6	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
6	6	0	108883	Toluene	1	3.13E-01	2.76E-05	1
6	6	0	110543	Hexane	1	0.00E+00	1.76E-07	1
6	6	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
6	6	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
6	6	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
6	6	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
6	6	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
6	6	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
6	6	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
6	6	0	7440508	Copper	1	0.00E+00	2.68E-08	1
6	6	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
6	6	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
6	6	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
6	6	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
6	6	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
7	7	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
7	7	0	9901	DPM	1	7.16E-02	0.00E+00	1
7	7	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
7	7	0	71432	Benzene	1	1.38E+00	1.23E-04	1
7	7	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
7	7	0	91203	PAHs[Napth]	1	5.69E-03	5.15E-07	1
7	7	0	100414	Ethylbenzene	1	2.77E-01	2.46E-05	1
7	7	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
7	7	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
7	7	0	108883	Toluene	1	1.24E+00	1.10E-04	1
7	7	0	110543	Hexane	1	0.00E+00	7.03E-07	1
7	7	0	1330207	Xylenes	1	8.59E-01	7.63E-05	1
7	7	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
7	7	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
7	7	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
7	7	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
7	7	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
7	7	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
7	7	0	7440508	Copper	1	0.00E+00	1.07E-07	1
7	7	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
7	7	0	7664417	Ammonia	1	2.37E-03	5.05E-04	1
7	7	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
7	7	0	7783064	Hydrogensulfide	1	5.22E-03	4.66E-07	1
7	7	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
8	8	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
8	8	0	9901	DPM	1	1.73E-02	0.00E+00	1
8	8	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
8	8	0	71432	Benzene	1	3.14E-01	3.08E-05	1
8	8	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
8	8	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
8	8	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
8	8	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
8	8	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
8	8	0	108883	Toluene	1	2.81E-01	2.76E-05	1
8	8	0	110543	Hexane	1	0.00E+00	1.76E-07	1
8	8	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
8	8	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
8	8	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
8	8	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
8	8	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
8	8	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
8	8	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
8	8	0	7440508	Copper	1	0.00E+00	2.68E-08	1
8	8	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
8	8	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
8	8	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
8	8	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
8	8	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
9	9	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
9	9	0	9901	DPM	1	2.09E-02	0.00E+00	1
9	9	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
9	9	0	71432	Benzene	1	3.95E-01	3.08E-05	1
9	9	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
9	9	0	91203	PAHs[Napth]	1	1.62E-03	1.29E-07	1
9	9	0	100414	Ethylbenzene	1	7.89E-02	6.14E-06	1
9	9	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
9	9	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
9	9	0	108883	Toluene	1	3.54E-01	2.76E-05	1
9	9	0	110543	Hexane	1	0.00E+00	1.76E-07	1
9	9	0	1330207	Xylenes	1	2.45E-01	1.91E-05	1
9	9	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
9	9	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
9	9	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
9	9	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
9	9	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
9	9	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
9	9	0	7440508	Copper	1	0.00E+00	2.68E-08	1
9	9	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
9	9	0	7664417	Ammonia	1	6.76E-04	1.26E-04	1
9	9	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
9	9	0	7783064	Hydrogensulfide	1	1.49E-03	1.17E-07	1
9	9	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
10	10	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
10	10	0	9901	DPM	1	5.47E-02	0.00E+00	1
10	10	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
10	10	0	71432	Benzene	1	9.77E-01	9.23E-05	1
10	10	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
10	10	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
10	10	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
10	10	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
10	10	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
10	10	0	108883	Toluene	1	8.75E-01	8.27E-05	1
10	10	0	110543	Hexane	1	0.00E+00	5.27E-07	1
10	10	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
10	10	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
10	10	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
10	10	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
10	10	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
10	10	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
10	10	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
10	10	0	7440508	Copper	1	0.00E+00	8.04E-08	1
10	10	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
10	10	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
10	10	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
10	10	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
10	10	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
11	11	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
11	11	0	9901	DPM	1	7.16E-02	0.00E+00	1
11	11	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
11	11	0	71432	Benzene	1	1.35E+00	1.23E-04	1
11	11	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
11	11	0	91203	PAHs[Napth]	1	5.55E-03	5.15E-07	1
11	11	0	100414	Ethylbenzene	1	2.69E-01	2.46E-05	1
11	11	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
11	11	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
11	11	0	108883	Toluene	1	1.21E+00	1.10E-04	1
11	11	0	110543	Hexane	1	0.00E+00	7.03E-07	1
11	11	0	1330207	Xylenes	1	8.36E-01	7.63E-05	1
11	11	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
11	11	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
11	11	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
11	11	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
11	11	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
11	11	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
11	11	0	7440508	Copper	1	0.00E+00	1.07E-07	1
11	11	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
11	11	0	7664417	Ammonia	1	2.32E-03	5.05E-04	1
11	11	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
11	11	0	7783064	Hydrogensulfide	1	5.09E-03	4.66E-07	1
11	11	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
12	12	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
12	12	0	9901	DPM	1	5.47E-02	0.00E+00	1
12	12	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
12	12	0	71432	Benzene	1	1.04E+00	9.23E-05	1
12	12	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
12	12	0	91203	PAHs[Napth]	1	4.26E-03	3.86E-07	1
12	12	0	100414	Ethylbenzene	1	2.07E-01	1.84E-05	1
12	12	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
12	12	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
12	12	0	108883	Toluene	1	9.28E-01	8.27E-05	1
12	12	0	110543	Hexane	1	0.00E+00	5.27E-07	1
12	12	0	1330207	Xylenes	1	6.42E-01	5.72E-05	1
12	12	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
12	12	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
12	12	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
12	12	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
12	12	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
12	12	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
12	12	0	7440508	Copper	1	0.00E+00	8.04E-08	1
12	12	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
12	12	0	7664417	Ammonia	1	1.78E-03	3.79E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
12	12	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
12	12	0	7783064	Hydrogensulfide	1	3.90E-03	3.50E-07	1
12	12	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
13	13	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
13	13	0	9901	DPM	1	7.16E-02	0.00E+00	1
13	13	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
13	13	0	71432	Benzene	1	1.36E+00	1.23E-04	1
13	13	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
13	13	0	91203	PAHs[Napth]	1	5.60E-03	5.15E-07	1
13	13	0	100414	Ethylbenzene	1	2.72E-01	2.46E-05	1
13	13	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
13	13	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
13	13	0	108883	Toluene	1	1.22E+00	1.10E-04	1
13	13	0	110543	Hexane	1	0.00E+00	7.03E-07	1
13	13	0	1330207	Xylenes	1	8.45E-01	7.63E-05	1
13	13	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
13	13	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
13	13	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
13	13	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
13	13	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
13	13	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
13	13	0	7440508	Copper	1	0.00E+00	1.07E-07	1
13	13	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
13	13	0	7664417	Ammonia	1	2.33E-03	5.05E-04	1
13	13	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
13	13	0	7783064	Hydrogensulfide	1	5.13E-03	4.66E-07	1
13	13	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
14	14	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
14	14	0	9901	DPM	1	5.47E-02	0.00E+00	1
14	14	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
14	14	0	71432	Benzene	1	9.77E-01	9.23E-05	1
14	14	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
14	14	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
14	14	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
14	14	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
14	14	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
14	14	0	108883	Toluene	1	8.75E-01	8.27E-05	1
14	14	0	110543	Hexane	1	0.00E+00	5.27E-07	1
14	14	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
14	14	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
14	14	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
14	14	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
14	14	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
14	14	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
14	14	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
14	14	0	7440508	Copper	1	0.00E+00	8.04E-08	1
14	14	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
14	14	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
14	14	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
14	14	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
14	14	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
15	15	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
15	15	0	9901	DPM	1	2.09E-02	0.00E+00	1
15	15	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
15	15	0	71432	Benzene	1	3.50E-01	3.08E-05	1
15	15	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
15	15	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
15	15	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
15	15	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
15	15	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
15	15	0	108883	Toluene	1	3.13E-01	2.76E-05	1
15	15	0	110543	Hexane	1	0.00E+00	1.76E-07	1
15	15	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
15	15	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
15	15	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
15	15	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
15	15	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
15	15	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
15	15	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
15	15	0	7440508	Copper	1	0.00E+00	2.68E-08	1
15	15	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
15	15	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
15	15	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
15	15	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
15	15	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
16	16	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
16	16	0	9901	DPM	1	8.85E-02	0.00E+00	1
16	16	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
16	16	0	71432	Benzene	1	1.71E+00	1.54E-04	1
16	16	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
16	16	0	91203	PAHs[Napth]	1	7.03E-03	6.44E-07	1
16	16	0	100414	Ethylbenzene	1	3.42E-01	3.07E-05	1
16	16	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
16	16	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
16	16	0	108883	Toluene	1	1.53E+00	1.38E-04	1
16	16	0	110543	Hexane	1	0.00E+00	8.79E-07	1
16	16	0	1330207	Xylenes	1	1.06E+00	9.53E-05	1
16	16	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1
16	16	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
16	16	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
16	16	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
16	16	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
16	16	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
16	16	0	7440508	Copper	1	0.00E+00	1.34E-07	1
16	16	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
16	16	0	7664417	Ammonia	1	2.93E-03	6.32E-04	1
16	16	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
16	16	0	7783064	Hydrogensulfide	1	6.45E-03	5.83E-07	1
16	16	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
17	17	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
17	17	0	9901	DPM	1	2.09E-02	0.00E+00	1
17	17	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
17	17	0	71432	Benzene	1	3.50E-01	3.08E-05	1
17	17	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
17	17	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
17	17	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
17	17	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
17	17	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
17	17	0	108883	Toluene	1	3.13E-01	2.76E-05	1
17	17	0	110543	Hexane	1	0.00E+00	1.76E-07	1
17	17	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
17	17	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
17	17	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
17	17	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
17	17	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
17	17	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
17	17	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
17	17	0	7440508	Copper	1	0.00E+00	2.68E-08	1
17	17	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
17	17	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
17	17	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
17	17	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
17	17	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
18	18	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
18	18	0	9901	DPM	1	2.09E-02	0.00E+00	1
18	18	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
18	18	0	71432	Benzene	1	3.14E-01	3.08E-05	1
18	18	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
18	18	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
18	18	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
18	18	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
18	18	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
18	18	0	108883	Toluene	1	2.81E-01	2.76E-05	1
18	18	0	110543	Hexane	1	0.00E+00	1.76E-07	1
18	18	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
18	18	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
18	18	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
18	18	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
18	18	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
18	18	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
18	18	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
18	18	0	7440508	Copper	1	0.00E+00	2.68E-08	1
18	18	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
18	18	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
18	18	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
18	18	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
18	18	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
19	19	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
19	19	0	9901	DPM	1	2.09E-02	0.00E+00	1
19	19	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
19	19	0	71432	Benzene	1	3.50E-01	3.08E-05	1
19	19	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
19	19	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
19	19	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
19	19	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
19	19	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
19	19	0	108883	Toluene	1	3.13E-01	2.76E-05	1
19	19	0	110543	Hexane	1	0.00E+00	1.76E-07	1
19	19	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
19	19	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
19	19	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
19	19	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
19	19	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
19	19	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
19	19	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
19	19	0	7440508	Copper	1	0.00E+00	2.68E-08	1
19	19	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
19	19	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
19	19	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
19	19	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
19	19	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
20	20	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
20	20	0	9901	DPM	1	2.09E-02	0.00E+00	1
20	20	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
20	20	0	71432	Benzene	1	3.14E-01	3.08E-05	1
20	20	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
20	20	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
20	20	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
20	20	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
20	20	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
20	20	0	108883	Toluene	1	2.81E-01	2.76E-05	1
20	20	0	110543	Hexane	1	0.00E+00	1.76E-07	1
20	20	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
20	20	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
20	20	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
20	20	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
20	20	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
20	20	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
20	20	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
20	20	0	7440508	Copper	1	0.00E+00	2.68E-08	1
20	20	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
20	20	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
20	20	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
20	20	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
20	20	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
21	21	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
21	21	0	9901	DPM	1	2.09E-02	0.00E+00	1
21	21	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
21	21	0	71432	Benzene	1	3.50E-01	3.08E-05	1
21	21	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
21	21	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
21	21	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
21	21	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
21	21	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
21	21	0	108883	Toluene	1	3.13E-01	2.76E-05	1
21	21	0	110543	Hexane	1	0.00E+00	1.76E-07	1
21	21	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
21	21	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
21	21	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
21	21	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
21	21	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
21	21	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
21	21	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
21	21	0	7440508	Copper	1	0.00E+00	2.68E-08	1
21	21	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
21	21	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
21	21	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
21	21	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
21	21	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
22	22	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
22	22	0	9901	DPM	1	3.78E-02	0.00E+00	1
22	22	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
22	22	0	71432	Benzene	1	6.50E-01	6.15E-05	1
22	22	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
22	22	0	91203	PAHs[Napth]	1	2.69E-03	2.57E-07	1
22	22	0	100414	Ethylbenzene	1	1.30E-01	1.23E-05	1
22	22	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
22	22	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
22	22	0	108883	Toluene	1	5.82E-01	5.51E-05	1
22	22	0	110543	Hexane	1	0.00E+00	3.52E-07	1
22	22	0	1330207	Xylenes	1	4.03E-01	3.81E-05	1
22	22	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
22	22	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
22	22	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
22	22	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
22	22	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
22	22	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
22	22	0	7440508	Copper	1	0.00E+00	5.36E-08	1
22	22	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
22	22	0	7664417	Ammonia	1	1.12E-03	2.53E-04	1
22	22	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
22	22	0	7783064	Hydrogensulfide	1	2.46E-03	2.33E-07	1
22	22	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
23	23	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
23	23	0	9901	DPM	1	2.09E-02	0.00E+00	1
23	23	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
23	23	0	71432	Benzene	1	3.50E-01	3.08E-05	1
23	23	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
23	23	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
23	23	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
23	23	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
23	23	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
23	23	0	108883	Toluene	1	3.13E-01	2.76E-05	1
23	23	0	110543	Hexane	1	0.00E+00	1.76E-07	1
23	23	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
23	23	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
23	23	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
23	23	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
23	23	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
23	23	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
23	23	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
23	23	0	7440508	Copper	1	0.00E+00	2.68E-08	1
23	23	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
23	23	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
23	23	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
23	23	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
23	23	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
24	24	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
24	24	0	9901	DPM	1	3.78E-02	0.00E+00	1
24	24	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
24	24	0	71432	Benzene	1	6.99E-01	6.15E-05	1
24	24	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
24	24	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
24	24	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
24	24	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
24	24	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
24	24	0	108883	Toluene	1	6.27E-01	5.51E-05	1
24	24	0	110543	Hexane	1	0.00E+00	3.52E-07	1
24	24	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
24	24	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
24	24	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
24	24	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
24	24	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
24	24	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
24	24	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
24	24	0	7440508	Copper	1	0.00E+00	5.36E-08	1
24	24	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
24	24	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
24	24	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
24	24	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
24	24	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
25	25	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
25	25	0	9901	DPM	1	5.47E-02	0.00E+00	1
25	25	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
25	25	0	71432	Benzene	1	1.01E+00	9.23E-05	1
25	25	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
25	25	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
25	25	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
25	25	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
25	25	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
25	25	0	108883	Toluene	1	9.07E-01	8.27E-05	1
25	25	0	110543	Hexane	1	0.00E+00	5.27E-07	1
25	25	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
25	25	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
25	25	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
25	25	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
25	25	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
25	25	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
25	25	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
25	25	0	7440508	Copper	1	0.00E+00	8.04E-08	1
25	25	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
25	25	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
25	25	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
25	25	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
25	25	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
26	26	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
26	26	0	9901	DPM	1	2.09E-02	0.00E+00	1
26	26	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
26	26	0	71432	Benzene	1	3.14E-01	3.08E-05	1
26	26	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
26	26	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
26	26	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
26	26	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
26	26	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
26	26	0	108883	Toluene	1	2.81E-01	2.76E-05	1
26	26	0	110543	Hexane	1	0.00E+00	1.76E-07	1
26	26	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
26	26	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
26	26	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
26	26	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
26	26	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
26	26	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
26	26	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
26	26	0	7440508	Copper	1	0.00E+00	2.68E-08	1
26	26	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
26	26	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
26	26	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
26	26	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
26	26	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
27	27	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
27	27	0	9901	DPM	1	8.85E-02	0.00E+00	1
27	27	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
27	27	0	71432	Benzene	1	1.72E+00	1.54E-04	1
27	27	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
27	27	0	91203	PAHs[Napth]	1	7.08E-03	6.44E-07	1
27	27	0	100414	Ethylbenzene	1	3.44E-01	3.07E-05	1
27	27	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
27	27	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
27	27	0	108883	Toluene	1	1.54E+00	1.38E-04	1
27	27	0	110543	Hexane	1	0.00E+00	8.79E-07	1
27	27	0	1330207	Xylenes	1	1.07E+00	9.53E-05	1
27	27	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1
27	27	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
27	27	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
27	27	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
27	27	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
27	27	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
27	27	0	7440508	Copper	1	0.00E+00	1.34E-07	1
27	27	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
27	27	0	7664417	Ammonia	1	2.95E-03	6.32E-04	1
27	27	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
27	27	0	7783064	Hydrogensulfide	1	6.49E-03	5.83E-07	1
27	27	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
28	28	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
28	28	0	9901	DPM	1	2.09E-02	0.00E+00	1
28	28	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
28	28	0	71432	Benzene	1	3.50E-01	3.08E-05	1
28	28	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
28	28	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
28	28	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
28	28	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
28	28	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
28	28	0	108883	Toluene	1	3.13E-01	2.76E-05	1
28	28	0	110543	Hexane	1	0.00E+00	1.76E-07	1
28	28	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
28	28	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
28	28	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
28	28	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
28	28	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
28	28	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
28	28	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
28	28	0	7440508	Copper	1	0.00E+00	2.68E-08	1
28	28	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
28	28	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
28	28	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
28	28	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
28	28	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
29	29	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
29	29	0	9901	DPM	1	2.09E-02	0.00E+00	1
29	29	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
29	29	0	71432	Benzene	1	3.50E-01	3.08E-05	1
29	29	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
29	29	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
29	29	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
29	29	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
29	29	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
29	29	0	108883	Toluene	1	3.13E-01	2.76E-05	1
29	29	0	110543	Hexane	1	0.00E+00	1.76E-07	1
29	29	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
29	29	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
29	29	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
29	29	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
29	29	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
29	29	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
29	29	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
29	29	0	7440508	Copper	1	0.00E+00	2.68E-08	1
29	29	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
29	29	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
29	29	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
29	29	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
29	29	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
30	30	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
30	30	0	9901	DPM	1	5.47E-02	0.00E+00	1
30	30	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
30	30	0	71432	Benzene	1	1.01E+00	9.23E-05	1
30	30	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
30	30	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
30	30	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
30	30	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
30	30	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
30	30	0	108883	Toluene	1	9.07E-01	8.27E-05	1
30	30	0	110543	Hexane	1	0.00E+00	5.27E-07	1
30	30	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
30	30	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
30	30	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
30	30	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
30	30	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
30	30	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
30	30	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
30	30	0	7440508	Copper	1	0.00E+00	8.04E-08	1
30	30	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
30	30	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
30	30	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
30	30	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
30	30	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
31	31	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
31	31	0	9901	DPM	1	3.78E-02	0.00E+00	1
31	31	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
31	31	0	71432	Benzene	1	6.86E-01	6.15E-05	1
31	31	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
31	31	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
31	31	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
31	31	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
31	31	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
31	31	0	108883	Toluene	1	6.15E-01	5.51E-05	1
31	31	0	110543	Hexane	1	0.00E+00	3.52E-07	1
31	31	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
31	31	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
31	31	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
31	31	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
31	31	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
31	31	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
31	31	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
31	31	0	7440508	Copper	1	0.00E+00	5.36E-08	1
31	31	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
31	31	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
31	31	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
31	31	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
31	31	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
32	32	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
32	32	0	9901	DPM	1	2.09E-02	0.00E+00	1
32	32	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
32	32	0	71432	Benzene	1	3.14E-01	3.08E-05	1
32	32	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
32	32	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
32	32	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
32	32	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
32	32	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
32	32	0	108883	Toluene	1	2.81E-01	2.76E-05	1
32	32	0	110543	Hexane	1	0.00E+00	1.76E-07	1
32	32	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
32	32	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
32	32	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
32	32	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
32	32	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
32	32	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
32	32	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
32	32	0	7440508	Copper	1	0.00E+00	2.68E-08	1
32	32	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
32	32	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
32	32	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
32	32	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
32	32	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
33	33	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
33	33	0	9901	DPM	1	5.47E-02	0.00E+00	1
33	33	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
33	33	0	71432	Benzene	1	1.04E+00	9.23E-05	1
33	33	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
33	33	0	91203	PAHs[Napth]	1	4.26E-03	3.86E-07	1
33	33	0	100414	Ethylbenzene	1	2.07E-01	1.84E-05	1
33	33	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
33	33	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
33	33	0	108883	Toluene	1	9.28E-01	8.27E-05	1
33	33	0	110543	Hexane	1	0.00E+00	5.27E-07	1
33	33	0	1330207	Xylenes	1	6.42E-01	5.72E-05	1
33	33	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
33	33	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
33	33	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
33	33	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
33	33	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
33	33	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
33	33	0	7440508	Copper	1	0.00E+00	8.04E-08	1
33	33	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
33	33	0	7664417	Ammonia	1	1.78E-03	3.79E-04	1
33	33	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
33	33	0	7783064	Hydrogensulfide	1	3.90E-03	3.50E-07	1
33	33	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
34	34	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
34	34	0	9901	DPM	1	3.78E-02	0.00E+00	1
34	34	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
34	34	0	71432	Benzene	1	6.50E-01	6.15E-05	1
34	34	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
34	34	0	91203	PAHs[Napth]	1	2.69E-03	2.57E-07	1
34	34	0	100414	Ethylbenzene	1	1.30E-01	1.23E-05	1
34	34	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
34	34	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
34	34	0	108883	Toluene	1	5.82E-01	5.51E-05	1
34	34	0	110543	Hexane	1	0.00E+00	3.52E-07	1
34	34	0	1330207	Xylenes	1	4.03E-01	3.81E-05	1
34	34	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
34	34	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
34	34	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
34	34	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
34	34	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
34	34	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
34	34	0	7440508	Copper	1	0.00E+00	5.36E-08	1
34	34	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
34	34	0	7664417	Ammonia	1	1.12E-03	2.53E-04	1
34	34	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
34	34	0	7783064	Hydrogensulfide	1	2.46E-03	2.33E-07	1
34	34	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
35	35	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
35	35	0	9901	DPM	1	2.09E-02	0.00E+00	1
35	35	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
35	35	0	71432	Benzene	1	3.50E-01	3.08E-05	1
35	35	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
35	35	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
35	35	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
35	35	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
35	35	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
35	35	0	108883	Toluene	1	3.13E-01	2.76E-05	1
35	35	0	110543	Hexane	1	0.00E+00	1.76E-07	1
35	35	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
35	35	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
35	35	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
35	35	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
35	35	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
35	35	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
35	35	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
35	35	0	7440508	Copper	1	0.00E+00	2.68E-08	1
35	35	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
35	35	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
35	35	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
35	35	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
35	35	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
36	36	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
36	36	0	9901	DPM	1	5.47E-02	0.00E+00	1
36	36	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
36	36	0	71432	Benzene	1	1.05E+00	9.23E-05	1
36	36	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
36	36	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
36	36	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
36	36	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
36	36	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
36	36	0	108883	Toluene	1	9.40E-01	8.27E-05	1
36	36	0	110543	Hexane	1	0.00E+00	5.27E-07	1
36	36	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
36	36	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
36	36	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
36	36	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
36	36	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
36	36	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
36	36	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
36	36	0	7440508	Copper	1	0.00E+00	8.04E-08	1
36	36	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
36	36	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
36	36	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
36	36	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
36	36	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
37	37	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
37	37	0	9901	DPM	1	2.09E-02	0.00E+00	1
37	37	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
37	37	0	71432	Benzene	1	3.50E-01	3.08E-05	1
37	37	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
37	37	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
37	37	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
37	37	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
37	37	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
37	37	0	108883	Toluene	1	3.13E-01	2.76E-05	1
37	37	0	110543	Hexane	1	0.00E+00	1.76E-07	1
37	37	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
37	37	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
37	37	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
37	37	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
37	37	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
37	37	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
37	37	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
37	37	0	7440508	Copper	1	0.00E+00	2.68E-08	1
37	37	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
37	37	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
37	37	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
37	37	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
37	37	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
38	38	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
38	38	0	9901	DPM	1	3.78E-02	0.00E+00	1
38	38	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
38	38	0	71432	Benzene	1	6.99E-01	6.15E-05	1
38	38	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
38	38	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
38	38	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
38	38	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
38	38	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
38	38	0	108883	Toluene	1	6.27E-01	5.51E-05	1
38	38	0	110543	Hexane	1	0.00E+00	3.52E-07	1
38	38	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
38	38	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
38	38	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
38	38	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
38	38	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
38	38	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
38	38	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
38	38	0	7440508	Copper	1	0.00E+00	5.36E-08	1
38	38	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
38	38	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
38	38	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
38	38	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
38	38	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
39	39	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
39	39	0	9901	DPM	1	3.78E-02	0.00E+00	1
39	39	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
39	39	0	71432	Benzene	1	6.63E-01	6.15E-05	1
39	39	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
39	39	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
39	39	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
39	39	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
39	39	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
39	39	0	108883	Toluene	1	5.94E-01	5.51E-05	1
39	39	0	110543	Hexane	1	0.00E+00	3.52E-07	1
39	39	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
39	39	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
39	39	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
39	39	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
39	39	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
39	39	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
39	39	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
39	39	0	7440508	Copper	1	0.00E+00	5.36E-08	1
39	39	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
39	39	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
39	39	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
39	39	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
39	39	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
40	40	0	1151	PAHs[Napth]	1	0.00E+00	2.56E-06	1
40	40	0	9901	DPM	1	1.22E-01	0.00E+00	1
40	40	0	50000	Formaldehyde	1	0.00E+00	7.90E-05	1
40	40	0	71432	Benzene	1	2.34E+00	2.15E-04	1
40	40	0	75070	Acetaldehyde	1	0.00E+00	3.58E-05	1
40	40	0	91203	PAHs[Napth]	1	9.62E-03	9.01E-07	1
40	40	0	100414	Ethylbenzene	1	4.67E-01	4.30E-05	1
40	40	0	106990	Butadiene[13]	1	0.00E+00	9.94E-06	1
40	40	0	107028	Acrolein	1	0.00E+00	1.55E-06	1
40	40	0	108883	Toluene	1	2.10E+00	1.93E-04	1
40	40	0	110543	Hexane	1	0.00E+00	1.23E-06	1
40	40	0	1330207	Xylenes	1	1.45E+00	1.33E-04	1
40	40	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	3.80E-07	1
40	40	0	7439965	Manganese	1	0.00E+00	1.42E-07	1
40	40	0	7439976	Mercury	1	0.00E+00	9.15E-08	1
40	40	0	7440020	Nickel	1	0.00E+00	1.78E-07	1
40	40	0	7440382	Arsenic	1	0.00E+00	7.32E-08	1
40	40	0	7440439	Cadmium	1	0.00E+00	6.86E-08	1
40	40	0	7440508	Copper	1	0.00E+00	1.88E-07	1
40	40	0	7647010	Hydrochloricacid	1	0.00E+00	8.52E-06	1
40	40	0	7664417	Ammonia	1	4.01E-03	8.84E-04	1
40	40	0	7782492	Selenium	1	0.00E+00	1.01E-07	1
40	40	0	7783064	Hydrogensulfide	1	8.82E-03	8.16E-07	1
40	40	0	18540299	Chromiumhexavalent6	1	0.00E+00	4.57E-09	1
41	41	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
41	41	0	9901	DPM	1	3.78E-02	0.00E+00	1
41	41	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
41	41	0	71432	Benzene	1	6.86E-01	6.15E-05	1
41	41	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
41	41	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
41	41	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
41	41	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
41	41	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
41	41	0	108883	Toluene	1	6.15E-01	5.51E-05	1
41	41	0	110543	Hexane	1	0.00E+00	3.52E-07	1
41	41	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
41	41	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
41	41	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
41	41	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
41	41	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
41	41	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
41	41	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
41	41	0	7440508	Copper	1	0.00E+00	5.36E-08	1
41	41	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
41	41	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
41	41	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
41	41	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
41	41	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
42	42	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
42	42	0	9901	DPM	1	2.09E-02	0.00E+00	1
42	42	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
42	42	0	71432	Benzene	1	3.50E-01	3.08E-05	1
42	42	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
42	42	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
42	42	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
42	42	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
42	42	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
42	42	0	108883	Toluene	1	3.13E-01	2.76E-05	1
42	42	0	110543	Hexane	1	0.00E+00	1.76E-07	1
42	42	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
42	42	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
42	42	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
42	42	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
42	42	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
42	42	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
42	42	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
42	42	0	7440508	Copper	1	0.00E+00	2.68E-08	1
42	42	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
42	42	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
42	42	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
42	42	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
42	42	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
43	43	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
43	43	0	9901	DPM	1	2.09E-02	0.00E+00	1
43	43	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
43	43	0	71432	Benzene	1	3.50E-01	3.08E-05	1
43	43	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
43	43	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
43	43	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
43	43	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
43	43	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
43	43	0	108883	Toluene	1	3.13E-01	2.76E-05	1
43	43	0	110543	Hexane	1	0.00E+00	1.76E-07	1
43	43	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
43	43	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
43	43	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
43	43	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
43	43	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
43	43	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
43	43	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
43	43	0	7440508	Copper	1	0.00E+00	2.68E-08	1
43	43	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
43	43	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
43	43	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
43	43	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
43	43	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
44	44	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
44	44	0	9901	DPM	1	3.78E-02	0.00E+00	1
44	44	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
44	44	0	71432	Benzene	1	6.50E-01	6.15E-05	1
44	44	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
44	44	0	91203	PAHs[Napth]	1	2.69E-03	2.57E-07	1
44	44	0	100414	Ethylbenzene	1	1.30E-01	1.23E-05	1
44	44	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
44	44	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
44	44	0	108883	Toluene	1	5.82E-01	5.51E-05	1
44	44	0	110543	Hexane	1	0.00E+00	3.52E-07	1
44	44	0	1330207	Xylenes	1	4.03E-01	3.81E-05	1
44	44	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
44	44	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
44	44	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
44	44	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
44	44	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
44	44	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
44	44	0	7440508	Copper	1	0.00E+00	5.36E-08	1
44	44	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
44	44	0	7664417	Ammonia	1	1.12E-03	2.53E-04	1
44	44	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
44	44	0	7783064	Hydrogensulfide	1	2.46E-03	2.33E-07	1
44	44	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
45	45	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
45	45	0	9901	DPM	1	2.09E-02	0.00E+00	1
45	45	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
45	45	0	71432	Benzene	1	3.50E-01	3.08E-05	1
45	45	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
45	45	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
45	45	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
45	45	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
45	45	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
45	45	0	108883	Toluene	1	3.13E-01	2.76E-05	1
45	45	0	110543	Hexane	1	0.00E+00	1.76E-07	1
45	45	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
45	45	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
45	45	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
45	45	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
45	45	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
45	45	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
45	45	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
45	45	0	7440508	Copper	1	0.00E+00	2.68E-08	1
45	45	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
45	45	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
45	45	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
45	45	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
45	45	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
46	46	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1
46	46	0	9901	DPM	1	3.94E-03	0.00E+00	1
46	46	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
46	46	0	71432	Benzene	1	2.26E-02	2.58E-06	1
46	46	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
46	46	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
46	46	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
46	46	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
46	46	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
46	46	0	108883	Toluene	1	2.03E-02	2.32E-06	1
46	46	0	110543	Hexane	1	0.00E+00	3.64E-09	1
46	46	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
46	46	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
46	46	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
46	46	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
46	46	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
46	46	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
46	46	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
46	46	0	7440508	Copper	1	0.00E+00	5.55E-10	1
46	46	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
46	46	0	7664417	Ammonia	1	3.90E-05	3.93E-06	1
46	46	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
46	46	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
46	46	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
47	47	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
47	47	0	9901	DPM	1	2.09E-02	0.00E+00	1
47	47	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
47	47	0	71432	Benzene	1	3.14E-01	3.08E-05	1
47	47	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
47	47	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
47	47	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
47	47	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
47	47	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
47	47	0	108883	Toluene	1	2.81E-01	2.76E-05	1
47	47	0	110543	Hexane	1	0.00E+00	1.76E-07	1
47	47	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
47	47	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
47	47	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
47	47	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
47	47	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
47	47	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
47	47	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
47	47	0	7440508	Copper	1	0.00E+00	2.68E-08	1
47	47	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
47	47	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
47	47	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
47	47	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
47	47	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
48	48	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
48	48	0	9901	DPM	1	3.78E-02	0.00E+00	1
48	48	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
48	48	0	71432	Benzene	1	6.99E-01	6.15E-05	1
48	48	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
48	48	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
48	48	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
48	48	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
48	48	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
48	48	0	108883	Toluene	1	6.27E-01	5.51E-05	1
48	48	0	110543	Hexane	1	0.00E+00	3.52E-07	1
48	48	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
48	48	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
48	48	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
48	48	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
48	48	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
48	48	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
48	48	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
48	48	0	7440508	Copper	1	0.00E+00	5.36E-08	1
48	48	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
48	48	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
48	48	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
48	48	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
48	48	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
49	49	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
49	49	0	9901	DPM	1	7.16E-02	0.00E+00	1
49	49	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
49	49	0	71432	Benzene	1	1.35E+00	1.23E-04	1
49	49	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
49	49	0	91203	PAHs[Napth]	1	5.55E-03	5.15E-07	1
49	49	0	100414	Ethylbenzene	1	2.69E-01	2.46E-05	1
49	49	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
49	49	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
49	49	0	108883	Toluene	1	1.21E+00	1.10E-04	1
49	49	0	110543	Hexane	1	0.00E+00	7.03E-07	1
49	49	0	1330207	Xylenes	1	8.36E-01	7.63E-05	1
49	49	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
49	49	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
49	49	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
49	49	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
49	49	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
49	49	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
49	49	0	7440508	Copper	1	0.00E+00	1.07E-07	1
49	49	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
49	49	0	7664417	Ammonia	1	2.32E-03	5.05E-04	1
49	49	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
49	49	0	7783064	Hydrogensulfide	1	5.09E-03	4.66E-07	1
49	49	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
50	50	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
50	50	0	9901	DPM	1	2.09E-02	0.00E+00	1
50	50	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
50	50	0	71432	Benzene	1	3.14E-01	3.08E-05	1
50	50	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
50	50	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
50	50	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
50	50	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
50	50	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
50	50	0	108883	Toluene	1	2.81E-01	2.76E-05	1
50	50	0	110543	Hexane	1	0.00E+00	1.76E-07	1
50	50	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
50	50	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
50	50	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
50	50	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
50	50	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
50	50	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
50	50	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
50	50	0	7440508	Copper	1	0.00E+00	2.68E-08	1
50	50	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
50	50	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
50	50	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
50	50	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
50	50	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
51	51	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
51	51	0	9901	DPM	1	3.78E-02	0.00E+00	1
51	51	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
51	51	0	71432	Benzene	1	6.86E-01	6.15E-05	1
51	51	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
51	51	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
51	51	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
51	51	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
51	51	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
51	51	0	108883	Toluene	1	6.15E-01	5.51E-05	1
51	51	0	110543	Hexane	1	0.00E+00	3.52E-07	1
51	51	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
51	51	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
51	51	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
51	51	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
51	51	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
51	51	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
51	51	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
51	51	0	7440508	Copper	1	0.00E+00	5.36E-08	1
51	51	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
51	51	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
51	51	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
51	51	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
51	51	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
52	52	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
52	52	0	9901	DPM	1	3.78E-02	0.00E+00	1
52	52	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
52	52	0	71432	Benzene	1	6.99E-01	6.15E-05	1
52	52	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
52	52	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
52	52	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
52	52	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
52	52	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
52	52	0	108883	Toluene	1	6.27E-01	5.51E-05	1
52	52	0	110543	Hexane	1	0.00E+00	3.52E-07	1
52	52	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
52	52	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
52	52	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
52	52	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
52	52	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
52	52	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
52	52	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
52	52	0	7440508	Copper	1	0.00E+00	5.36E-08	1
52	52	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
52	52	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
52	52	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
52	52	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
52	52	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
53	53	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
53	53	0	9901	DPM	1	2.09E-02	0.00E+00	1
53	53	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
53	53	0	71432	Benzene	1	3.14E-01	3.08E-05	1
53	53	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
53	53	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
53	53	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
53	53	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
53	53	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
53	53	0	108883	Toluene	1	2.81E-01	2.76E-05	1
53	53	0	110543	Hexane	1	0.00E+00	1.76E-07	1
53	53	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
53	53	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
53	53	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
53	53	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
53	53	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
53	53	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
53	53	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
53	53	0	7440508	Copper	1	0.00E+00	2.68E-08	1
53	53	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
53	53	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
53	53	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
53	53	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
53	53	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
54	54	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
54	54	0	9901	DPM	1	2.09E-02	0.00E+00	1
54	54	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
54	54	0	71432	Benzene	1	3.50E-01	3.08E-05	1
54	54	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
54	54	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
54	54	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
54	54	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
54	54	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
54	54	0	108883	Toluene	1	3.13E-01	2.76E-05	1
54	54	0	110543	Hexane	1	0.00E+00	1.76E-07	1
54	54	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
54	54	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
54	54	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
54	54	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
54	54	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
54	54	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
54	54	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
54	54	0	7440508	Copper	1	0.00E+00	2.68E-08	1
54	54	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
54	54	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
54	54	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
54	54	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
54	54	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
55	55	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
55	55	0	9901	DPM	1	3.94E-03	0.00E+00	1
55	55	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
55	55	0	71432	Benzene	1	2.26E-02	2.58E-06	1
55	55	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
55	55	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
55	55	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
55	55	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
55	55	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
55	55	0	108883	Toluene	1	2.03E-02	2.32E-06	1
55	55	0	110543	Hexane	1	0.00E+00	3.64E-09	1
55	55	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
55	55	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
55	55	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
55	55	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
55	55	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
55	55	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
55	55	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
55	55	0	7440508	Copper	1	0.00E+00	5.54E-10	1
55	55	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
55	55	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
55	55	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
55	55	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
55	55	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
56	56	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
56	56	0	9901	DPM	1	2.09E-02	0.00E+00	1
56	56	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
56	56	0	71432	Benzene	1	3.50E-01	3.08E-05	1
56	56	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
56	56	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
56	56	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
56	56	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
56	56	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
56	56	0	108883	Toluene	1	3.13E-01	2.76E-05	1
56	56	0	110543	Hexane	1	0.00E+00	1.76E-07	1
56	56	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
56	56	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
56	56	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
56	56	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
56	56	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
56	56	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
56	56	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
56	56	0	7440508	Copper	1	0.00E+00	2.68E-08	1
56	56	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
56	56	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
56	56	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
56	56	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
56	56	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
57	57	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
57	57	0	9901	DPM	1	5.47E-02	0.00E+00	1
57	57	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
57	57	0	71432	Benzene	1	9.77E-01	9.23E-05	1
57	57	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
57	57	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
57	57	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
57	57	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
57	57	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
57	57	0	108883	Toluene	1	8.75E-01	8.27E-05	1
57	57	0	110543	Hexane	1	0.00E+00	5.27E-07	1
57	57	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
57	57	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
57	57	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
57	57	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
57	57	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
57	57	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
57	57	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
57	57	0	7440508	Copper	1	0.00E+00	8.04E-08	1
57	57	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
57	57	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
57	57	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
57	57	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
57	57	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
58	58	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
58	58	0	9901	DPM	1	2.09E-02	0.00E+00	1
58	58	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
58	58	0	71432	Benzene	1	3.50E-01	3.08E-05	1
58	58	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
58	58	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
58	58	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
58	58	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
58	58	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
58	58	0	108883	Toluene	1	3.13E-01	2.76E-05	1
58	58	0	110543	Hexane	1	0.00E+00	1.76E-07	1
58	58	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
58	58	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
58	58	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
58	58	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
58	58	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
58	58	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
58	58	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
58	58	0	7440508	Copper	1	0.00E+00	2.68E-08	1
58	58	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
58	58	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
58	58	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
58	58	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
58	58	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
59	59	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
59	59	0	9901	DPM	1	7.16E-02	0.00E+00	1
59	59	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
59	59	0	71432	Benzene	1	1.33E+00	1.23E-04	1
59	59	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
59	59	0	91203	PAHs[Napth]	1	5.46E-03	5.15E-07	1
59	59	0	100414	Ethylbenzene	1	2.65E-01	2.46E-05	1
59	59	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
59	59	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
59	59	0	108883	Toluene	1	1.19E+00	1.10E-04	1
59	59	0	110543	Hexane	1	0.00E+00	7.03E-07	1
59	59	0	1330207	Xylenes	1	8.22E-01	7.63E-05	1
59	59	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
59	59	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
59	59	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
59	59	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
59	59	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
59	59	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
59	59	0	7440508	Copper	1	0.00E+00	1.07E-07	1
59	59	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
59	59	0	7664417	Ammonia	1	2.28E-03	5.05E-04	1
59	59	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
59	59	0	7783064	Hydrogensulfide	1	5.01E-03	4.66E-07	1
59	59	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
60	60	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
60	60	0	9901	DPM	1	2.09E-02	0.00E+00	1
60	60	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
60	60	0	71432	Benzene	1	3.50E-01	3.08E-05	1
60	60	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
60	60	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
60	60	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
60	60	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
60	60	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
60	60	0	108883	Toluene	1	3.13E-01	2.76E-05	1
60	60	0	110543	Hexane	1	0.00E+00	1.76E-07	1
60	60	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
60	60	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
60	60	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
60	60	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
60	60	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
60	60	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
60	60	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
60	60	0	7440508	Copper	1	0.00E+00	2.68E-08	1
60	60	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
60	60	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
60	60	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
60	60	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
60	60	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
61	61	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
61	61	0	9901	DPM	1	2.09E-02	0.00E+00	1
61	61	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
61	61	0	71432	Benzene	1	3.14E-01	3.08E-05	1
61	61	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
61	61	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
61	61	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
61	61	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
61	61	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
61	61	0	108883	Toluene	1	2.81E-01	2.76E-05	1
61	61	0	110543	Hexane	1	0.00E+00	1.76E-07	1
61	61	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
61	61	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
61	61	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
61	61	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
61	61	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
61	61	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
61	61	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
61	61	0	7440508	Copper	1	0.00E+00	2.68E-08	1
61	61	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
61	61	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
61	61	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
61	61	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
61	61	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
62	62	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
62	62	0	9901	DPM	1	2.09E-02	0.00E+00	1
62	62	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
62	62	0	71432	Benzene	1	3.50E-01	3.08E-05	1
62	62	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
62	62	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
62	62	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
62	62	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
62	62	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
62	62	0	108883	Toluene	1	3.13E-01	2.76E-05	1
62	62	0	110543	Hexane	1	0.00E+00	1.76E-07	1
62	62	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
62	62	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
62	62	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
62	62	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
62	62	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
62	62	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
62	62	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
62	62	0	7440508	Copper	1	0.00E+00	2.68E-08	1
62	62	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
62	62	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
62	62	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
62	62	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
62	62	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
63	63	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
63	63	0	9901	DPM	1	2.09E-02	0.00E+00	1
63	63	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
63	63	0	71432	Benzene	1	3.14E-01	3.08E-05	1
63	63	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
63	63	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
63	63	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
63	63	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
63	63	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
63	63	0	108883	Toluene	1	2.81E-01	2.76E-05	1
63	63	0	110543	Hexane	1	0.00E+00	1.76E-07	1
63	63	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
63	63	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
63	63	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
63	63	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
63	63	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
63	63	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
63	63	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
63	63	0	7440508	Copper	1	0.00E+00	2.68E-08	1
63	63	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
63	63	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
63	63	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
63	63	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
63	63	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
64	64	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
64	64	0	9901	DPM	1	2.09E-02	0.00E+00	1
64	64	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
64	64	0	71432	Benzene	1	3.14E-01	3.08E-05	1
64	64	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
64	64	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
64	64	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
64	64	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
64	64	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
64	64	0	108883	Toluene	1	2.81E-01	2.76E-05	1
64	64	0	110543	Hexane	1	0.00E+00	1.76E-07	1
64	64	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
64	64	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
64	64	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
64	64	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
64	64	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
64	64	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
64	64	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
64	64	0	7440508	Copper	1	0.00E+00	2.68E-08	1
64	64	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
64	64	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
64	64	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
64	64	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
64	64	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
65	65	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
65	65	0	9901	DPM	1	8.85E-02	0.00E+00	1
65	65	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
65	65	0	71432	Benzene	1	1.68E+00	1.54E-04	1
65	65	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
65	65	0	91203	PAHs[Napth]	1	6.89E-03	6.44E-07	1
65	65	0	100414	Ethylbenzene	1	3.35E-01	3.07E-05	1
65	65	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
65	65	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
65	65	0	108883	Toluene	1	1.50E+00	1.38E-04	1
65	65	0	110543	Hexane	1	0.00E+00	8.79E-07	1
65	65	0	1330207	Xylenes	1	1.04E+00	9.53E-05	1
65	65	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1
65	65	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
65	65	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
65	65	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
65	65	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
65	65	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
65	65	0	7440508	Copper	1	0.00E+00	1.34E-07	1
65	65	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
65	65	0	7664417	Ammonia	1	2.87E-03	6.32E-04	1
65	65	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
65	65	0	7783064	Hydrogensulfide	1	6.32E-03	5.83E-07	1
65	65	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
66	66	0	1151	PAHs[Napth]	1	0.00E+00	7.56E-09	1
66	66	0	9901	DPM	1	3.94E-03	0.00E+00	1
66	66	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
66	66	0	71432	Benzene	1	2.26E-02	2.58E-06	1
66	66	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
66	66	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
66	66	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
66	66	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
66	66	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
66	66	0	108883	Toluene	1	2.03E-02	2.32E-06	1
66	66	0	110543	Hexane	1	0.00E+00	3.64E-09	1
66	66	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
66	66	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
66	66	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
66	66	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
66	66	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
66	66	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
66	66	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
66	66	0	7440508	Copper	1	0.00E+00	5.55E-10	1
66	66	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
66	66	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
66	66	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
66	66	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
66	66	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
67	67	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
67	67	0	9901	DPM	1	5.47E-02	0.00E+00	1
67	67	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
67	67	0	71432	Benzene	1	1.05E+00	9.23E-05	1
67	67	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
67	67	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
67	67	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
67	67	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
67	67	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
67	67	0	108883	Toluene	1	9.40E-01	8.27E-05	1
67	67	0	110543	Hexane	1	0.00E+00	5.27E-07	1
67	67	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
67	67	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
67	67	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
67	67	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
67	67	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
67	67	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
67	67	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
67	67	0	7440508	Copper	1	0.00E+00	8.04E-08	1
67	67	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
67	67	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
67	67	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
67	67	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
67	67	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
68	68	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
68	68	0	9901	DPM	1	3.78E-02	0.00E+00	1
68	68	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
68	68	0	71432	Benzene	1	6.99E-01	6.15E-05	1
68	68	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
68	68	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
68	68	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
68	68	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
68	68	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
68	68	0	108883	Toluene	1	6.27E-01	5.51E-05	1
68	68	0	110543	Hexane	1	0.00E+00	3.52E-07	1
68	68	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
68	68	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
68	68	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
68	68	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
68	68	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
68	68	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
68	68	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
68	68	0	7440508	Copper	1	0.00E+00	5.36E-08	1
68	68	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
68	68	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
68	68	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
68	68	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
68	68	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
69	69	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
69	69	0	9901	DPM	1	5.47E-02	0.00E+00	1
69	69	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
69	69	0	71432	Benzene	1	9.77E-01	9.23E-05	1
69	69	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
69	69	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
69	69	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
69	69	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
69	69	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
69	69	0	108883	Toluene	1	8.75E-01	8.27E-05	1
69	69	0	110543	Hexane	1	0.00E+00	5.27E-07	1
69	69	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
69	69	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
69	69	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
69	69	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
69	69	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
69	69	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
69	69	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
69	69	0	7440508	Copper	1	0.00E+00	8.04E-08	1
69	69	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
69	69	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
69	69	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
69	69	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
69	69	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
70	70	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
70	70	0	9901	DPM	1	5.47E-02	0.00E+00	1
70	70	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
70	70	0	71432	Benzene	1	9.99E-01	9.23E-05	1
70	70	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
70	70	0	91203	PAHs[Napth]	1	4.12E-03	3.86E-07	1
70	70	0	100414	Ethylbenzene	1	2.00E-01	1.84E-05	1
70	70	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
70	70	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
70	70	0	108883	Toluene	1	8.95E-01	8.27E-05	1
70	70	0	110543	Hexane	1	0.00E+00	5.27E-07	1
70	70	0	1330207	Xylenes	1	6.19E-01	5.72E-05	1
70	70	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
70	70	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
70	70	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
70	70	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
70	70	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
70	70	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
70	70	0	7440508	Copper	1	0.00E+00	8.04E-08	1
70	70	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
70	70	0	7664417	Ammonia	1	1.72E-03	3.79E-04	1
70	70	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
70	70	0	7783064	Hydrogensulfide	1	3.78E-03	3.50E-07	1
70	70	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
71	71	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
71	71	0	9901	DPM	1	2.09E-02	0.00E+00	1
71	71	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
71	71	0	71432	Benzene	1	3.50E-01	3.08E-05	1
71	71	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
71	71	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
71	71	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
71	71	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
71	71	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
71	71	0	108883	Toluene	1	3.13E-01	2.76E-05	1
71	71	0	110543	Hexane	1	0.00E+00	1.76E-07	1
71	71	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
71	71	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
71	71	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
71	71	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
71	71	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
71	71	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
71	71	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
71	71	0	7440508	Copper	1	0.00E+00	2.68E-08	1
71	71	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
71	71	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
71	71	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
71	71	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
71	71	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
72	72	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
72	72	0	9901	DPM	1	5.47E-02	0.00E+00	1
72	72	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
72	72	0	71432	Benzene	1	1.01E+00	9.23E-05	1
72	72	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
72	72	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
72	72	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
72	72	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
72	72	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
72	72	0	108883	Toluene	1	9.07E-01	8.27E-05	1
72	72	0	110543	Hexane	1	0.00E+00	5.27E-07	1
72	72	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
72	72	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
72	72	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
72	72	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
72	72	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
72	72	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
72	72	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
72	72	0	7440508	Copper	1	0.00E+00	8.04E-08	1
72	72	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
72	72	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
72	72	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
72	72	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
72	72	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
73	73	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
73	73	0	9901	DPM	1	3.78E-02	0.00E+00	1
73	73	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
73	73	0	71432	Benzene	1	7.22E-01	6.15E-05	1
73	73	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
73	73	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
73	73	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
73	73	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
73	73	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
73	73	0	108883	Toluene	1	6.47E-01	5.51E-05	1
73	73	0	110543	Hexane	1	0.00E+00	3.52E-07	1
73	73	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
73	73	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
73	73	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
73	73	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
73	73	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
73	73	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
73	73	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
73	73	0	7440508	Copper	1	0.00E+00	5.36E-08	1
73	73	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
73	73	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1
73	73	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
73	73	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
73	73	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
74	74	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
74	74	0	9901	DPM	1	2.09E-02	0.00E+00	1
74	74	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
74	74	0	71432	Benzene	1	3.50E-01	3.08E-05	1
74	74	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
74	74	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
74	74	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
74	74	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
74	74	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
74	74	0	108883	Toluene	1	3.13E-01	2.76E-05	1
74	74	0	110543	Hexane	1	0.00E+00	1.76E-07	1
74	74	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
74	74	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
74	74	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
74	74	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
74	74	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
74	74	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
74	74	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
74	74	0	7440508	Copper	1	0.00E+00	2.68E-08	1
74	74	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
74	74	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
74	74	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
74	74	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
74	74	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
75	75	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
75	75	0	9901	DPM	1	2.09E-02	0.00E+00	1
75	75	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
75	75	0	71432	Benzene	1	3.50E-01	3.08E-05	1
75	75	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
75	75	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
75	75	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
75	75	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
75	75	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
75	75	0	108883	Toluene	1	3.13E-01	2.76E-05	1
75	75	0	110543	Hexane	1	0.00E+00	1.76E-07	1
75	75	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
75	75	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
75	75	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
75	75	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
75	75	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
75	75	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
75	75	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
75	75	0	7440508	Copper	1	0.00E+00	2.68E-08	1
75	75	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
75	75	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
75	75	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
75	75	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
75	75	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
76	76	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
76	76	0	9901	DPM	1	2.09E-02	0.00E+00	1
76	76	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
76	76	0	71432	Benzene	1	3.50E-01	3.08E-05	1
76	76	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
76	76	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
76	76	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
76	76	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
76	76	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
76	76	0	108883	Toluene	1	3.13E-01	2.76E-05	1
76	76	0	110543	Hexane	1	0.00E+00	1.76E-07	1
76	76	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
76	76	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
76	76	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
76	76	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
76	76	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
76	76	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
76	76	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
76	76	0	7440508	Copper	1	0.00E+00	2.68E-08	1
76	76	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
76	76	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
76	76	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
76	76	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
76	76	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
77	77	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
77	77	0	9901	DPM	1	2.09E-02	0.00E+00	1
77	77	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
77	77	0	71432	Benzene	1	3.50E-01	3.08E-05	1
77	77	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
77	77	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
77	77	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
77	77	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
77	77	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
77	77	0	108883	Toluene	1	3.13E-01	2.76E-05	1
77	77	0	110543	Hexane	1	0.00E+00	1.76E-07	1
77	77	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
77	77	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
77	77	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
77	77	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
77	77	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
77	77	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
77	77	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
77	77	0	7440508	Copper	1	0.00E+00	2.68E-08	1
77	77	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
77	77	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
77	77	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
77	77	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
77	77	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
78	78	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
78	78	0	9901	DPM	1	2.09E-02	0.00E+00	1
78	78	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
78	78	0	71432	Benzene	1	3.50E-01	3.08E-05	1
78	78	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
78	78	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
78	78	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
78	78	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
78	78	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
78	78	0	108883	Toluene	1	3.13E-01	2.76E-05	1
78	78	0	110543	Hexane	1	0.00E+00	1.76E-07	1
78	78	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
78	78	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
78	78	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
78	78	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
78	78	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
78	78	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
78	78	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
78	78	0	7440508	Copper	1	0.00E+00	2.68E-08	1
78	78	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
78	78	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
78	78	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
78	78	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
78	78	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
79	79	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
79	79	0	9901	DPM	1	3.94E-03	0.00E+00	1
79	79	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
79	79	0	71432	Benzene	1	2.26E-02	2.58E-06	1
79	79	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
79	79	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
79	79	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
79	79	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
79	79	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
79	79	0	108883	Toluene	1	2.03E-02	2.32E-06	1
79	79	0	110543	Hexane	1	0.00E+00	3.64E-09	1
79	79	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
79	79	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
79	79	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
79	79	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
79	79	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
79	79	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
79	79	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
79	79	0	7440508	Copper	1	0.00E+00	5.54E-10	1
79	79	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
79	79	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
79	79	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
79	79	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
79	79	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
80	80	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
80	80	0	9901	DPM	1	5.47E-02	0.00E+00	1
80	80	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
80	80	0	71432	Benzene	1	1.01E+00	9.23E-05	1
80	80	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
80	80	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
80	80	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
80	80	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
80	80	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
80	80	0	108883	Toluene	1	9.07E-01	8.27E-05	1
80	80	0	110543	Hexane	1	0.00E+00	5.27E-07	1
80	80	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
80	80	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
80	80	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
80	80	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
80	80	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
80	80	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
80	80	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
80	80	0	7440508	Copper	1	0.00E+00	8.04E-08	1
80	80	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
80	80	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
80	80	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
80	80	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
80	80	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
81	81	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
81	81	0	9901	DPM	1	3.93E-03	0.00E+00	1
81	81	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
81	81	0	71432	Benzene	1	2.26E-02	2.58E-06	1
81	81	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
81	81	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
81	81	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
81	81	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
81	81	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
81	81	0	108883	Toluene	1	2.03E-02	2.32E-06	1
81	81	0	110543	Hexane	1	0.00E+00	3.63E-09	1
81	81	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
81	81	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
81	81	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
81	81	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
81	81	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
81	81	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
81	81	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
81	81	0	7440508	Copper	1	0.00E+00	5.54E-10	1
81	81	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
81	81	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
81	81	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
81	81	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
81	81	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
82	82	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
82	82	0	9901	DPM	1	2.09E-02	0.00E+00	1
82	82	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
82	82	0	71432	Benzene	1	3.14E-01	3.08E-05	1
82	82	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
82	82	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
82	82	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
82	82	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
82	82	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
82	82	0	108883	Toluene	1	2.81E-01	2.76E-05	1
82	82	0	110543	Hexane	1	0.00E+00	1.76E-07	1
82	82	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
82	82	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
82	82	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
82	82	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
82	82	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
82	82	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
82	82	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
82	82	0	7440508	Copper	1	0.00E+00	2.68E-08	1
82	82	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
82	82	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
82	82	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
82	82	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
82	82	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
83	83	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
83	83	0	9901	DPM	1	2.09E-02	0.00E+00	1
83	83	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
83	83	0	71432	Benzene	1	3.72E-01	3.08E-05	1
83	83	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
83	83	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
83	83	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
83	83	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
83	83	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
83	83	0	108883	Toluene	1	3.34E-01	2.76E-05	1
83	83	0	110543	Hexane	1	0.00E+00	1.76E-07	1
83	83	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
83	83	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
83	83	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
83	83	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
83	83	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
83	83	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
83	83	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
83	83	0	7440508	Copper	1	0.00E+00	2.68E-08	1
83	83	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
83	83	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
83	83	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
83	83	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
83	83	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
84	84	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
84	84	0	9901	DPM	1	2.09E-02	0.00E+00	1
84	84	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
84	84	0	71432	Benzene	1	3.50E-01	3.08E-05	1
84	84	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
84	84	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
84	84	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
84	84	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
84	84	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
84	84	0	108883	Toluene	1	3.13E-01	2.76E-05	1
84	84	0	110543	Hexane	1	0.00E+00	1.76E-07	1
84	84	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
84	84	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
84	84	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
84	84	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
84	84	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
84	84	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
84	84	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
84	84	0	7440508	Copper	1	0.00E+00	2.68E-08	1
84	84	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
84	84	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
84	84	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
84	84	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
84	84	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
85	85	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
85	85	0	9901	DPM	1	3.78E-02	0.00E+00	1
85	85	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
85	85	0	71432	Benzene	1	6.27E-01	6.15E-05	1
85	85	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
85	85	0	91203	PAHs[Napth]	1	2.59E-03	2.57E-07	1
85	85	0	100414	Ethylbenzene	1	1.25E-01	1.23E-05	1
85	85	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
85	85	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
85	85	0	108883	Toluene	1	5.62E-01	5.51E-05	1
85	85	0	110543	Hexane	1	0.00E+00	3.52E-07	1
85	85	0	1330207	Xylenes	1	3.89E-01	3.81E-05	1
85	85	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
85	85	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
85	85	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
85	85	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
85	85	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
85	85	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
85	85	0	7440508	Copper	1	0.00E+00	5.36E-08	1
85	85	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
85	85	0	7664417	Ammonia	1	1.08E-03	2.53E-04	1
85	85	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
85	85	0	7783064	Hydrogensulfide	1	2.38E-03	2.33E-07	1
85	85	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
86	86	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
86	86	0	9901	DPM	1	3.94E-03	0.00E+00	1
86	86	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
86	86	0	71432	Benzene	1	2.26E-02	2.58E-06	1
86	86	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
86	86	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
86	86	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
86	86	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
86	86	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
86	86	0	108883	Toluene	1	2.03E-02	2.32E-06	1
86	86	0	110543	Hexane	1	0.00E+00	3.63E-09	1
86	86	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
86	86	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
86	86	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
86	86	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
86	86	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
86	86	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
86	86	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
86	86	0	7440508	Copper	1	0.00E+00	5.54E-10	1
86	86	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
86	86	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
86	86	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
86	86	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
86	86	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
87	87	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
87	87	0	9901	DPM	1	3.78E-02	0.00E+00	1
87	87	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
87	87	0	71432	Benzene	1	6.99E-01	6.15E-05	1
87	87	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
87	87	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
87	87	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
87	87	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
87	87	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
87	87	0	108883	Toluene	1	6.27E-01	5.51E-05	1
87	87	0	110543	Hexane	1	0.00E+00	3.52E-07	1
87	87	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
87	87	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
87	87	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
87	87	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
87	87	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
87	87	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
87	87	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
87	87	0	7440508	Copper	1	0.00E+00	5.36E-08	1
87	87	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
87	87	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
87	87	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
87	87	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
87	87	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
88	88	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
88	88	0	9901	DPM	1	2.09E-02	0.00E+00	1
88	88	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
88	88	0	71432	Benzene	1	3.50E-01	3.08E-05	1
88	88	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
88	88	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
88	88	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
88	88	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
88	88	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
88	88	0	108883	Toluene	1	3.13E-01	2.76E-05	1
88	88	0	110543	Hexane	1	0.00E+00	1.76E-07	1
88	88	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
88	88	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
88	88	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
88	88	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
88	88	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
88	88	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
88	88	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
88	88	0	7440508	Copper	1	0.00E+00	2.68E-08	1
88	88	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
88	88	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
88	88	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
88	88	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
88	88	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
89	89	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
89	89	0	9901	DPM	1	8.85E-02	0.00E+00	1
89	89	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
89	89	0	71432	Benzene	1	1.70E+00	1.54E-04	1
89	89	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
89	89	0	91203	PAHs[Napth]	1	6.99E-03	6.44E-07	1
89	89	0	100414	Ethylbenzene	1	3.39E-01	3.07E-05	1
89	89	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
89	89	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
89	89	0	108883	Toluene	1	1.52E+00	1.38E-04	1
89	89	0	110543	Hexane	1	0.00E+00	8.79E-07	1
89	89	0	1330207	Xylenes	1	1.05E+00	9.53E-05	1
89	89	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1
89	89	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
89	89	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
89	89	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
89	89	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
89	89	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
89	89	0	7440508	Copper	1	0.00E+00	1.34E-07	1
89	89	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
89	89	0	7664417	Ammonia	1	2.91E-03	6.32E-04	1
89	89	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
89	89	0	7783064	Hydrogensulfide	1	6.41E-03	5.83E-07	1
89	89	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
90	90	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
90	90	0	9901	DPM	1	2.09E-02	0.00E+00	1
90	90	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
90	90	0	71432	Benzene	1	3.50E-01	3.08E-05	1
90	90	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
90	90	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
90	90	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
90	90	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
90	90	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
90	90	0	108883	Toluene	1	3.13E-01	2.76E-05	1
90	90	0	110543	Hexane	1	0.00E+00	1.76E-07	1
90	90	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
90	90	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
90	90	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
90	90	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
90	90	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
90	90	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
90	90	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
90	90	0	7440508	Copper	1	0.00E+00	2.68E-08	1
90	90	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
90	90	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
90	90	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
90	90	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
90	90	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
91	91	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
91	91	0	9901	DPM	1	5.47E-02	0.00E+00	1
91	91	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
91	91	0	71432	Benzene	1	1.01E+00	9.23E-05	1
91	91	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
91	91	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
91	91	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
91	91	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
91	91	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
91	91	0	108883	Toluene	1	9.07E-01	8.27E-05	1
91	91	0	110543	Hexane	1	0.00E+00	5.27E-07	1
91	91	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
91	91	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
91	91	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
91	91	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
91	91	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
91	91	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
91	91	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
91	91	0	7440508	Copper	1	0.00E+00	8.04E-08	1
91	91	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
91	91	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
91	91	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
91	91	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
91	91	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
92	92	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
92	92	0	9901	DPM	1	3.78E-02	0.00E+00	1
92	92	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
92	92	0	71432	Benzene	1	6.99E-01	6.15E-05	1
92	92	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
92	92	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
92	92	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
92	92	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
92	92	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
92	92	0	108883	Toluene	1	6.27E-01	5.51E-05	1
92	92	0	110543	Hexane	1	0.00E+00	3.52E-07	1
92	92	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
92	92	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
92	92	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
92	92	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
92	92	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
92	92	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
92	92	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
92	92	0	7440508	Copper	1	0.00E+00	5.36E-08	1
92	92	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
92	92	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
92	92	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
92	92	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
92	92	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
93	93	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
93	93	0	9901	DPM	1	3.93E-03	0.00E+00	1
93	93	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
93	93	0	71432	Benzene	1	2.26E-02	2.58E-06	1
93	93	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
93	93	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
93	93	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
93	93	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
93	93	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
93	93	0	108883	Toluene	1	2.03E-02	2.32E-06	1
93	93	0	110543	Hexane	1	0.00E+00	3.63E-09	1
93	93	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
93	93	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
93	93	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
93	93	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
93	93	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
93	93	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
93	93	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
93	93	0	7440508	Copper	1	0.00E+00	5.54E-10	1
93	93	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
93	93	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
93	93	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
93	93	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
93	93	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
94	94	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
94	94	0	9901	DPM	1	2.09E-02	0.00E+00	1
94	94	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
94	94	0	71432	Benzene	1	3.14E-01	3.08E-05	1
94	94	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
94	94	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
94	94	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
94	94	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
94	94	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
94	94	0	108883	Toluene	1	2.81E-01	2.76E-05	1
94	94	0	110543	Hexane	1	0.00E+00	1.76E-07	1
94	94	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
94	94	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
94	94	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
94	94	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
94	94	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
94	94	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
94	94	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
94	94	0	7440508	Copper	1	0.00E+00	2.68E-08	1
94	94	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
94	94	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
94	94	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
94	94	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
94	94	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
95	95	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
95	95	0	9901	DPM	1	2.09E-02	0.00E+00	1
95	95	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
95	95	0	71432	Benzene	1	3.50E-01	3.08E-05	1
95	95	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
95	95	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
95	95	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
95	95	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
95	95	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
95	95	0	108883	Toluene	1	3.13E-01	2.76E-05	1
95	95	0	110543	Hexane	1	0.00E+00	1.76E-07	1
95	95	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
95	95	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
95	95	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
95	95	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
95	95	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
95	95	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
95	95	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
95	95	0	7440508	Copper	1	0.00E+00	2.68E-08	1
95	95	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
95	95	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
95	95	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
95	95	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
95	95	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
96	96	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
96	96	0	9901	DPM	1	2.09E-02	0.00E+00	1
96	96	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
96	96	0	71432	Benzene	1	3.50E-01	3.08E-05	1
96	96	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
96	96	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
96	96	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
96	96	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
96	96	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
96	96	0	108883	Toluene	1	3.13E-01	2.76E-05	1
96	96	0	110543	Hexane	1	0.00E+00	1.76E-07	1
96	96	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
96	96	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
96	96	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
96	96	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
96	96	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
96	96	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
96	96	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
96	96	0	7440508	Copper	1	0.00E+00	2.68E-08	1
96	96	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
96	96	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
96	96	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
96	96	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
96	96	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
97	97	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
97	97	0	9901	DPM	1	5.47E-02	0.00E+00	1
97	97	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
97	97	0	71432	Benzene	1	9.77E-01	9.23E-05	1
97	97	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
97	97	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
97	97	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
97	97	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
97	97	0	107028	Acrolein	1	0.00E+00	6.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
97	97	0	108883	Toluene	1	8.75E-01	8.27E-05	1
97	97	0	110543	Hexane	1	0.00E+00	5.27E-07	1
97	97	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
97	97	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
97	97	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
97	97	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
97	97	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
97	97	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
97	97	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
97	97	0	7440508	Copper	1	0.00E+00	8.04E-08	1
97	97	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
97	97	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
97	97	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
97	97	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
97	97	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
98	98	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
98	98	0	9901	DPM	1	5.47E-02	0.00E+00	1
98	98	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
98	98	0	71432	Benzene	1	1.07E+00	9.23E-05	1
98	98	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
98	98	0	91203	PAHs[Napth]	1	4.39E-03	3.86E-07	1
98	98	0	100414	Ethylbenzene	1	2.14E-01	1.84E-05	1
98	98	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
98	98	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
98	98	0	108883	Toluene	1	9.60E-01	8.27E-05	1
98	98	0	110543	Hexane	1	0.00E+00	5.27E-07	1
98	98	0	1330207	Xylenes	1	6.64E-01	5.72E-05	1
98	98	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
98	98	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
98	98	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
98	98	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
98	98	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
98	98	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
98	98	0	7440508	Copper	1	0.00E+00	8.04E-08	1
98	98	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
98	98	0	7664417	Ammonia	1	1.83E-03	3.79E-04	1
98	98	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
98	98	0	7783064	Hydrogensulfide	1	4.03E-03	3.50E-07	1
98	98	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
99	99	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
99	99	0	9901	DPM	1	5.47E-02	0.00E+00	1
99	99	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
99	99	0	71432	Benzene	1	1.05E+00	9.23E-05	1
99	99	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
99	99	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
99	99	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
99	99	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
99	99	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
99	99	0	108883	Toluene	1	9.40E-01	8.27E-05	1
99	99	0	110543	Hexane	1	0.00E+00	5.27E-07	1
99	99	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
99	99	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
99	99	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
99	99	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
99	99	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
99	99	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
99	99	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
99	99	0	7440508	Copper	1	0.00E+00	8.04E-08	1
99	99	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
99	99	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
99	99	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
99	99	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
99	99	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
100	100	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
100	100	0	9901	DPM	1	2.09E-02	0.00E+00	1
100	100	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
100	100	0	71432	Benzene	1	3.50E-01	3.08E-05	1
100	100	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
100	100	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
100	100	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
100	100	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
100	100	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
100	100	0	108883	Toluene	1	3.13E-01	2.76E-05	1
100	100	0	110543	Hexane	1	0.00E+00	1.76E-07	1
100	100	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
100	100	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
100	100	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
100	100	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
100	100	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
100	100	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
100	100	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
100	100	0	7440508	Copper	1	0.00E+00	2.68E-08	1
100	100	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
100	100	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
100	100	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
100	100	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
100	100	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
101	101	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
101	101	0	9901	DPM	1	3.78E-02	0.00E+00	1
101	101	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
101	101	0	71432	Benzene	1	6.63E-01	6.15E-05	1
101	101	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
101	101	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
101	101	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
101	101	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
101	101	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
101	101	0	108883	Toluene	1	5.94E-01	5.51E-05	1
101	101	0	110543	Hexane	1	0.00E+00	3.52E-07	1
101	101	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
101	101	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
101	101	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
101	101	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
101	101	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
101	101	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
101	101	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
101	101	0	7440508	Copper	1	0.00E+00	5.36E-08	1
101	101	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
101	101	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
101	101	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
101	101	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
101	101	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
102	102	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
102	102	0	9901	DPM	1	3.78E-02	0.00E+00	1
102	102	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
102	102	0	71432	Benzene	1	6.99E-01	6.15E-05	1
102	102	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
102	102	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
102	102	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
102	102	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
102	102	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
102	102	0	108883	Toluene	1	6.27E-01	5.51E-05	1
102	102	0	110543	Hexane	1	0.00E+00	3.52E-07	1
102	102	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
102	102	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
102	102	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
102	102	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
102	102	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
102	102	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
102	102	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
102	102	0	7440508	Copper	1	0.00E+00	5.36E-08	1
102	102	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
102	102	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
102	102	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
102	102	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
102	102	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
103	103	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
103	103	0	9901	DPM	1	2.09E-02	0.00E+00	1
103	103	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
103	103	0	71432	Benzene	1	3.14E-01	3.08E-05	1
103	103	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
103	103	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
103	103	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
103	103	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
103	103	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
103	103	0	108883	Toluene	1	2.81E-01	2.76E-05	1
103	103	0	110543	Hexane	1	0.00E+00	1.76E-07	1
103	103	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
103	103	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
103	103	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
103	103	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
103	103	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
103	103	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
103	103	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
103	103	0	7440508	Copper	1	0.00E+00	2.68E-08	1
103	103	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
103	103	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
103	103	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
103	103	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
103	103	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
104	104	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
104	104	0	9901	DPM	1	2.09E-02	0.00E+00	1
104	104	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
104	104	0	71432	Benzene	1	3.50E-01	3.08E-05	1
104	104	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
104	104	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
104	104	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
104	104	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
104	104	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
104	104	0	108883	Toluene	1	3.13E-01	2.76E-05	1
104	104	0	110543	Hexane	1	0.00E+00	1.76E-07	1
104	104	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
104	104	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
104	104	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
104	104	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
104	104	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
104	104	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
104	104	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
104	104	0	7440508	Copper	1	0.00E+00	2.68E-08	1
104	104	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
104	104	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
104	104	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
104	104	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
104	104	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
105	105	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
105	105	0	9901	DPM	1	2.09E-02	0.00E+00	1
105	105	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
105	105	0	71432	Benzene	1	3.50E-01	3.08E-05	1
105	105	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
105	105	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
105	105	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
105	105	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
105	105	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
105	105	0	108883	Toluene	1	3.13E-01	2.76E-05	1
105	105	0	110543	Hexane	1	0.00E+00	1.76E-07	1
105	105	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
105	105	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
105	105	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
105	105	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
105	105	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
105	105	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
105	105	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
105	105	0	7440508	Copper	1	0.00E+00	2.68E-08	1
105	105	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
105	105	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
105	105	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
105	105	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
105	105	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
106	106	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
106	106	0	9901	DPM	1	3.78E-02	0.00E+00	1
106	106	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
106	106	0	71432	Benzene	1	6.63E-01	6.15E-05	1
106	106	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
106	106	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
106	106	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
106	106	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
106	106	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
106	106	0	108883	Toluene	1	5.94E-01	5.51E-05	1
106	106	0	110543	Hexane	1	0.00E+00	3.52E-07	1
106	106	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
106	106	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
106	106	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
106	106	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
106	106	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
106	106	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
106	106	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
106	106	0	7440508	Copper	1	0.00E+00	5.36E-08	1
106	106	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
106	106	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
106	106	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
106	106	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
106	106	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
107	107	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
107	107	0	9901	DPM	1	5.47E-02	0.00E+00	1
107	107	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
107	107	0	71432	Benzene	1	9.77E-01	9.23E-05	1
107	107	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
107	107	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
107	107	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
107	107	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
107	107	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
107	107	0	108883	Toluene	1	8.75E-01	8.27E-05	1
107	107	0	110543	Hexane	1	0.00E+00	5.27E-07	1
107	107	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
107	107	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
107	107	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
107	107	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
107	107	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
107	107	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
107	107	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
107	107	0	7440508	Copper	1	0.00E+00	8.04E-08	1
107	107	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
107	107	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
107	107	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
107	107	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
107	107	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
108	108	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
108	108	0	9901	DPM	1	3.78E-02	0.00E+00	1
108	108	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
108	108	0	71432	Benzene	1	6.99E-01	6.15E-05	1
108	108	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
108	108	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
108	108	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
108	108	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
108	108	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
108	108	0	108883	Toluene	1	6.27E-01	5.51E-05	1
108	108	0	110543	Hexane	1	0.00E+00	3.52E-07	1
108	108	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
108	108	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
108	108	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
108	108	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
108	108	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
108	108	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
108	108	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
108	108	0	7440508	Copper	1	0.00E+00	5.36E-08	1
108	108	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
108	108	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
108	108	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
108	108	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
108	108	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
109	109	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
109	109	0	9901	DPM	1	3.78E-02	0.00E+00	1
109	109	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
109	109	0	71432	Benzene	1	7.31E-01	6.15E-05	1
109	109	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
109	109	0	91203	PAHs[Napth]	1	3.01E-03	2.57E-07	1
109	109	0	100414	Ethylbenzene	1	1.46E-01	1.23E-05	1
109	109	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
109	109	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
109	109	0	108883	Toluene	1	6.55E-01	5.51E-05	1
109	109	0	110543	Hexane	1	0.00E+00	3.52E-07	1
109	109	0	1330207	Xylenes	1	4.53E-01	3.81E-05	1
109	109	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
109	109	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
109	109	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
109	109	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
109	109	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
109	109	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
109	109	0	7440508	Copper	1	0.00E+00	5.36E-08	1
109	109	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
109	109	0	7664417	Ammonia	1	1.26E-03	2.53E-04	1
109	109	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
109	109	0	7783064	Hydrogensulfide	1	2.76E-03	2.33E-07	1
109	109	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
110	110	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
110	110	0	9901	DPM	1	2.09E-02	0.00E+00	1
110	110	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
110	110	0	71432	Benzene	1	3.50E-01	3.08E-05	1
110	110	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
110	110	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
110	110	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
110	110	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
110	110	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
110	110	0	108883	Toluene	1	3.13E-01	2.76E-05	1
110	110	0	110543	Hexane	1	0.00E+00	1.76E-07	1
110	110	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
110	110	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
110	110	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
110	110	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
110	110	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
110	110	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
110	110	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
110	110	0	7440508	Copper	1	0.00E+00	2.68E-08	1
110	110	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
110	110	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
110	110	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
110	110	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
110	110	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
111	111	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
111	111	0	9901	DPM	1	3.78E-02	0.00E+00	1
111	111	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
111	111	0	71432	Benzene	1	6.27E-01	6.15E-05	1
111	111	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
111	111	0	91203	PAHs[Napth]	1	2.59E-03	2.57E-07	1
111	111	0	100414	Ethylbenzene	1	1.25E-01	1.23E-05	1
111	111	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
111	111	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
111	111	0	108883	Toluene	1	5.62E-01	5.51E-05	1
111	111	0	110543	Hexane	1	0.00E+00	3.52E-07	1
111	111	0	1330207	Xylenes	1	3.89E-01	3.81E-05	1
111	111	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
111	111	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
111	111	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
111	111	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
111	111	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
111	111	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
111	111	0	7440508	Copper	1	0.00E+00	5.36E-08	1
111	111	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
111	111	0	7664417	Ammonia	1	1.08E-03	2.53E-04	1
111	111	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
111	111	0	7783064	Hydrogensulfide	1	2.38E-03	2.33E-07	1
111	111	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
112	112	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
112	112	0	9901	DPM	1	2.09E-02	0.00E+00	1
112	112	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
112	112	0	71432	Benzene	1	3.50E-01	3.08E-05	1
112	112	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
112	112	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
112	112	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
112	112	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
112	112	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
112	112	0	108883	Toluene	1	3.13E-01	2.76E-05	1
112	112	0	110543	Hexane	1	0.00E+00	1.76E-07	1
112	112	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
112	112	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
112	112	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
112	112	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
112	112	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
112	112	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
112	112	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
112	112	0	7440508	Copper	1	0.00E+00	2.68E-08	1
112	112	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
112	112	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
112	112	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
112	112	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
112	112	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
113	113	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
113	113	0	9901	DPM	1	2.09E-02	0.00E+00	1
113	113	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
113	113	0	71432	Benzene	1	3.72E-01	3.08E-05	1
113	113	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
113	113	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
113	113	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
113	113	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
113	113	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
113	113	0	108883	Toluene	1	3.34E-01	2.76E-05	1
113	113	0	110543	Hexane	1	0.00E+00	1.76E-07	1
113	113	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
113	113	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
113	113	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
113	113	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
113	113	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
113	113	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
113	113	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
113	113	0	7440508	Copper	1	0.00E+00	2.68E-08	1
113	113	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
113	113	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
113	113	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
113	113	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
113	113	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
114	114	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
114	114	0	9901	DPM	1	3.78E-02	0.00E+00	1
114	114	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
114	114	0	71432	Benzene	1	7.31E-01	6.15E-05	1
114	114	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
114	114	0	91203	PAHs[Napth]	1	3.01E-03	2.57E-07	1
114	114	0	100414	Ethylbenzene	1	1.46E-01	1.23E-05	1
114	114	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
114	114	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
114	114	0	108883	Toluene	1	6.55E-01	5.51E-05	1
114	114	0	110543	Hexane	1	0.00E+00	3.52E-07	1
114	114	0	1330207	Xylenes	1	4.53E-01	3.81E-05	1
114	114	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
114	114	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
114	114	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
114	114	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
114	114	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
114	114	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
114	114	0	7440508	Copper	1	0.00E+00	5.36E-08	1
114	114	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
114	114	0	7664417	Ammonia	1	1.26E-03	2.53E-04	1
114	114	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
114	114	0	7783064	Hydrogensulfide	1	2.76E-03	2.33E-07	1
114	114	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
115	115	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
115	115	0	9901	DPM	1	5.47E-02	0.00E+00	1
115	115	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
115	115	0	71432	Benzene	1	1.01E+00	9.23E-05	1
115	115	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
115	115	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
115	115	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
115	115	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
115	115	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
115	115	0	108883	Toluene	1	9.07E-01	8.27E-05	1
115	115	0	110543	Hexane	1	0.00E+00	5.27E-07	1
115	115	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
115	115	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
115	115	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
115	115	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
115	115	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
115	115	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
115	115	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
115	115	0	7440508	Copper	1	0.00E+00	8.04E-08	1
115	115	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
115	115	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
115	115	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
115	115	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
115	115	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
116	116	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
116	116	0	9901	DPM	1	3.78E-02	0.00E+00	1
116	116	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
116	116	0	71432	Benzene	1	6.99E-01	6.15E-05	1
116	116	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
116	116	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
116	116	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
116	116	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
116	116	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
116	116	0	108883	Toluene	1	6.27E-01	5.51E-05	1
116	116	0	110543	Hexane	1	0.00E+00	3.52E-07	1
116	116	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
116	116	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
116	116	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
116	116	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
116	116	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
116	116	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
116	116	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
116	116	0	7440508	Copper	1	0.00E+00	5.36E-08	1
116	116	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
116	116	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
116	116	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
116	116	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
116	116	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
117	117	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
117	117	0	9901	DPM	1	2.09E-02	0.00E+00	1
117	117	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
117	117	0	71432	Benzene	1	3.50E-01	3.08E-05	1
117	117	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
117	117	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
117	117	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
117	117	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
117	117	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
117	117	0	108883	Toluene	1	3.13E-01	2.76E-05	1
117	117	0	110543	Hexane	1	0.00E+00	1.76E-07	1
117	117	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
117	117	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
117	117	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
117	117	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
117	117	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
117	117	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
117	117	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
117	117	0	7440508	Copper	1	0.00E+00	2.68E-08	1
117	117	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
117	117	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
117	117	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
117	117	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
117	117	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
118	118	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
118	118	0	9901	DPM	1	2.09E-02	0.00E+00	1
118	118	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
118	118	0	71432	Benzene	1	3.50E-01	3.08E-05	1
118	118	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
118	118	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
118	118	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
118	118	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
118	118	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
118	118	0	108883	Toluene	1	3.13E-01	2.76E-05	1
118	118	0	110543	Hexane	1	0.00E+00	1.76E-07	1
118	118	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
118	118	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
118	118	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
118	118	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
118	118	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
118	118	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
118	118	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
118	118	0	7440508	Copper	1	0.00E+00	2.68E-08	1
118	118	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
118	118	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
118	118	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
118	118	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
118	118	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
119	119	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
119	119	0	9901	DPM	1	2.09E-02	0.00E+00	1
119	119	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
119	119	0	71432	Benzene	1	3.36E-01	3.08E-05	1
119	119	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
119	119	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
119	119	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
119	119	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
119	119	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
119	119	0	108883	Toluene	1	3.01E-01	2.76E-05	1
119	119	0	110543	Hexane	1	0.00E+00	1.76E-07	1
119	119	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
119	119	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
119	119	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
119	119	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
119	119	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
119	119	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
119	119	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
119	119	0	7440508	Copper	1	0.00E+00	2.68E-08	1
119	119	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
119	119	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
119	119	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
119	119	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
119	119	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
120	120	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
120	120	0	9901	DPM	1	2.09E-02	0.00E+00	1
120	120	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
120	120	0	71432	Benzene	1	3.50E-01	3.08E-05	1
120	120	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
120	120	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
120	120	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
120	120	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
120	120	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
120	120	0	108883	Toluene	1	3.13E-01	2.76E-05	1
120	120	0	110543	Hexane	1	0.00E+00	1.76E-07	1
120	120	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
120	120	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
120	120	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
120	120	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
120	120	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
120	120	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
120	120	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
120	120	0	7440508	Copper	1	0.00E+00	2.68E-08	1
120	120	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
120	120	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
120	120	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
120	120	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
120	120	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
121	121	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
121	121	0	9901	DPM	1	5.47E-02	0.00E+00	1
121	121	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
121	121	0	71432	Benzene	1	1.04E+00	9.23E-05	1
121	121	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
121	121	0	91203	PAHs[Napth]	1	4.26E-03	3.86E-07	1
121	121	0	100414	Ethylbenzene	1	2.07E-01	1.84E-05	1
121	121	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
121	121	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
121	121	0	108883	Toluene	1	9.28E-01	8.27E-05	1
121	121	0	110543	Hexane	1	0.00E+00	5.27E-07	1
121	121	0	1330207	Xylenes	1	6.42E-01	5.72E-05	1
121	121	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
121	121	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
121	121	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
121	121	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
121	121	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
121	121	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
121	121	0	7440508	Copper	1	0.00E+00	8.04E-08	1
121	121	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
121	121	0	7664417	Ammonia	1	1.78E-03	3.79E-04	1
121	121	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
121	121	0	7783064	Hydrogensulfide	1	3.90E-03	3.50E-07	1
121	121	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
122	122	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
122	122	0	9901	DPM	1	2.09E-02	0.00E+00	1
122	122	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
122	122	0	71432	Benzene	1	3.14E-01	3.08E-05	1
122	122	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
122	122	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
122	122	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
122	122	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
122	122	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
122	122	0	108883	Toluene	1	2.81E-01	2.76E-05	1
122	122	0	110543	Hexane	1	0.00E+00	1.76E-07	1
122	122	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
122	122	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
122	122	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
122	122	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
122	122	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
122	122	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
122	122	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
122	122	0	7440508	Copper	1	0.00E+00	2.68E-08	1
122	122	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
122	122	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
122	122	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
122	122	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
122	122	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
123	123	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
123	123	0	9901	DPM	1	2.09E-02	0.00E+00	1
123	123	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
123	123	0	71432	Benzene	1	3.14E-01	3.08E-05	1
123	123	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
123	123	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
123	123	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
123	123	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
123	123	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
123	123	0	108883	Toluene	1	2.81E-01	2.76E-05	1
123	123	0	110543	Hexane	1	0.00E+00	1.76E-07	1
123	123	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
123	123	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
123	123	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
123	123	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
123	123	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
123	123	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
123	123	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
123	123	0	7440508	Copper	1	0.00E+00	2.68E-08	1
123	123	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
123	123	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
123	123	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
123	123	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
123	123	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
124	124	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
124	124	0	9901	DPM	1	2.09E-02	0.00E+00	1
124	124	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
124	124	0	71432	Benzene	1	3.50E-01	3.08E-05	1
124	124	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
124	124	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
124	124	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
124	124	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
124	124	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
124	124	0	108883	Toluene	1	3.13E-01	2.76E-05	1
124	124	0	110543	Hexane	1	0.00E+00	1.76E-07	1
124	124	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
124	124	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
124	124	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
124	124	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
124	124	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
124	124	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
124	124	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
124	124	0	7440508	Copper	1	0.00E+00	2.68E-08	1
124	124	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
124	124	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
124	124	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
124	124	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
124	124	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
125	125	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
125	125	0	9901	DPM	1	5.47E-02	0.00E+00	1
125	125	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
125	125	0	71432	Benzene	1	1.04E+00	9.23E-05	1
125	125	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
125	125	0	91203	PAHs[Napth]	1	4.26E-03	3.86E-07	1
125	125	0	100414	Ethylbenzene	1	2.07E-01	1.84E-05	1
125	125	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
125	125	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
125	125	0	108883	Toluene	1	9.28E-01	8.27E-05	1
125	125	0	110543	Hexane	1	0.00E+00	5.27E-07	1
125	125	0	1330207	Xylenes	1	6.42E-01	5.72E-05	1
125	125	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
125	125	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
125	125	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
125	125	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
125	125	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
125	125	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
125	125	0	7440508	Copper	1	0.00E+00	8.04E-08	1
125	125	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
125	125	0	7664417	Ammonia	1	1.78E-03	3.79E-04	1
125	125	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
125	125	0	7783064	Hydrogensulfide	1	3.90E-03	3.50E-07	1
125	125	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
126	126	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
126	126	0	9901	DPM	1	3.78E-02	0.00E+00	1
126	126	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
126	126	0	71432	Benzene	1	6.99E-01	6.15E-05	1
126	126	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
126	126	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
126	126	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
126	126	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
126	126	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
126	126	0	108883	Toluene	1	6.27E-01	5.51E-05	1
126	126	0	110543	Hexane	1	0.00E+00	3.52E-07	1
126	126	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
126	126	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
126	126	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
126	126	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
126	126	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
126	126	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
126	126	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
126	126	0	7440508	Copper	1	0.00E+00	5.36E-08	1
126	126	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
126	126	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
126	126	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
126	126	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
126	126	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
127	127	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
127	127	0	9901	DPM	1	7.16E-02	0.00E+00	1
127	127	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
127	127	0	71432	Benzene	1	1.36E+00	1.23E-04	1
127	127	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
127	127	0	91203	PAHs[Napth]	1	5.60E-03	5.15E-07	1
127	127	0	100414	Ethylbenzene	1	2.72E-01	2.46E-05	1
127	127	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
127	127	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
127	127	0	108883	Toluene	1	1.22E+00	1.10E-04	1
127	127	0	110543	Hexane	1	0.00E+00	7.03E-07	1
127	127	0	1330207	Xylenes	1	8.45E-01	7.63E-05	1
127	127	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
127	127	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
127	127	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
127	127	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
127	127	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
127	127	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
127	127	0	7440508	Copper	1	0.00E+00	1.07E-07	1
127	127	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
127	127	0	7664417	Ammonia	1	2.33E-03	5.05E-04	1
127	127	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
127	127	0	7783064	Hydrogensulfide	1	5.13E-03	4.66E-07	1
127	127	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
128	128	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
128	128	0	9901	DPM	1	2.09E-02	0.00E+00	1
128	128	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
128	128	0	71432	Benzene	1	3.14E-01	3.08E-05	1
128	128	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
128	128	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
128	128	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
128	128	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
128	128	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
128	128	0	108883	Toluene	1	2.81E-01	2.76E-05	1
128	128	0	110543	Hexane	1	0.00E+00	1.76E-07	1
128	128	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
128	128	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
128	128	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
128	128	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
128	128	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
128	128	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
128	128	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
128	128	0	7440508	Copper	1	0.00E+00	2.68E-08	1
128	128	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
128	128	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
128	128	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
128	128	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
128	128	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
129	129	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
129	129	0	9901	DPM	1	1.73E-02	0.00E+00	1
129	129	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
129	129	0	71432	Benzene	1	3.14E-01	3.08E-05	1
129	129	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
129	129	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
129	129	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
129	129	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
129	129	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
129	129	0	108883	Toluene	1	2.81E-01	2.76E-05	1
129	129	0	110543	Hexane	1	0.00E+00	1.76E-07	1
129	129	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
129	129	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
129	129	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
129	129	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
129	129	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
129	129	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
129	129	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
129	129	0	7440508	Copper	1	0.00E+00	2.68E-08	1
129	129	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
129	129	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
129	129	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
129	129	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
129	129	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
130	130	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
130	130	0	9901	DPM	1	3.78E-02	0.00E+00	1
130	130	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
130	130	0	71432	Benzene	1	6.27E-01	6.15E-05	1
130	130	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
130	130	0	91203	PAHs[Napth]	1	2.59E-03	2.57E-07	1
130	130	0	100414	Ethylbenzene	1	1.25E-01	1.23E-05	1
130	130	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
130	130	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
130	130	0	108883	Toluene	1	5.62E-01	5.51E-05	1
130	130	0	110543	Hexane	1	0.00E+00	3.52E-07	1
130	130	0	1330207	Xylenes	1	3.89E-01	3.81E-05	1
130	130	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
130	130	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
130	130	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
130	130	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
130	130	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
130	130	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
130	130	0	7440508	Copper	1	0.00E+00	5.36E-08	1
130	130	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
130	130	0	7664417	Ammonia	1	1.08E-03	2.53E-04	1
130	130	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
130	130	0	7783064	Hydrogensulfide	1	2.38E-03	2.33E-07	1
130	130	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
131	131	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
131	131	0	9901	DPM	1	2.09E-02	0.00E+00	1
131	131	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
131	131	0	71432	Benzene	1	3.72E-01	3.08E-05	1
131	131	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
131	131	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
131	131	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
131	131	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
131	131	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
131	131	0	108883	Toluene	1	3.34E-01	2.76E-05	1
131	131	0	110543	Hexane	1	0.00E+00	1.76E-07	1
131	131	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
131	131	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
131	131	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
131	131	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
131	131	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
131	131	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
131	131	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
131	131	0	7440508	Copper	1	0.00E+00	2.68E-08	1
131	131	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
131	131	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
131	131	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
131	131	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
131	131	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
132	132	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
132	132	0	9901	DPM	1	3.94E-03	0.00E+00	1
132	132	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
132	132	0	71432	Benzene	1	2.26E-02	2.58E-06	1
132	132	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
132	132	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
132	132	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
132	132	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
132	132	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
132	132	0	108883	Toluene	1	2.03E-02	2.32E-06	1
132	132	0	110543	Hexane	1	0.00E+00	3.64E-09	1
132	132	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
132	132	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
132	132	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
132	132	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
132	132	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
132	132	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
132	132	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
132	132	0	7440508	Copper	1	0.00E+00	5.55E-10	1
132	132	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
132	132	0	7664417	Ammonia	1	3.90E-05	3.93E-06	1
132	132	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
132	132	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
132	132	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
133	133	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
133	133	0	9901	DPM	1	3.78E-02	0.00E+00	1
133	133	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
133	133	0	71432	Benzene	1	6.86E-01	6.15E-05	1
133	133	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
133	133	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
133	133	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
133	133	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
133	133	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
133	133	0	108883	Toluene	1	6.15E-01	5.51E-05	1
133	133	0	110543	Hexane	1	0.00E+00	3.52E-07	1
133	133	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
133	133	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
133	133	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
133	133	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
133	133	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
133	133	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
133	133	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
133	133	0	7440508	Copper	1	0.00E+00	5.36E-08	1
133	133	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
133	133	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
133	133	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
133	133	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
133	133	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
134	134	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
134	134	0	9901	DPM	1	5.47E-02	0.00E+00	1
134	134	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
134	134	0	71432	Benzene	1	1.04E+00	9.23E-05	1
134	134	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
134	134	0	91203	PAHs[Napth]	1	4.26E-03	3.86E-07	1
134	134	0	100414	Ethylbenzene	1	2.07E-01	1.84E-05	1
134	134	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
134	134	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
134	134	0	108883	Toluene	1	9.28E-01	8.27E-05	1
134	134	0	110543	Hexane	1	0.00E+00	5.27E-07	1
134	134	0	1330207	Xylenes	1	6.42E-01	5.72E-05	1
134	134	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
134	134	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
134	134	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
134	134	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
134	134	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
134	134	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
134	134	0	7440508	Copper	1	0.00E+00	8.04E-08	1
134	134	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
134	134	0	7664417	Ammonia	1	1.78E-03	3.79E-04	1
134	134	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
134	134	0	7783064	Hydrogensulfide	1	3.90E-03	3.50E-07	1
134	134	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
135	135	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
135	135	0	9901	DPM	1	7.16E-02	0.00E+00	1
135	135	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
135	135	0	71432	Benzene	1	1.33E+00	1.23E-04	1
135	135	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
135	135	0	91203	PAHs[Napth]	1	5.46E-03	5.15E-07	1
135	135	0	100414	Ethylbenzene	1	2.65E-01	2.46E-05	1
135	135	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
135	135	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
135	135	0	108883	Toluene	1	1.19E+00	1.10E-04	1
135	135	0	110543	Hexane	1	0.00E+00	7.03E-07	1
135	135	0	1330207	Xylenes	1	8.22E-01	7.63E-05	1
135	135	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
135	135	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
135	135	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
135	135	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
135	135	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
135	135	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
135	135	0	7440508	Copper	1	0.00E+00	1.07E-07	1
135	135	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
135	135	0	7664417	Ammonia	1	2.28E-03	5.05E-04	1
135	135	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
135	135	0	7783064	Hydrogensulfide	1	5.01E-03	4.66E-07	1
135	135	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
136	136	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
136	136	0	9901	DPM	1	3.78E-02	0.00E+00	1
136	136	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
136	136	0	71432	Benzene	1	7.67E-01	6.15E-05	1
136	136	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
136	136	0	91203	PAHs[Napth]	1	3.15E-03	2.57E-07	1
136	136	0	100414	Ethylbenzene	1	1.53E-01	1.23E-05	1
136	136	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
136	136	0	107028	Acrolein	1	0.00E+00	4.43E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
136	136	0	108883	Toluene	1	6.87E-01	5.51E-05	1
136	136	0	110543	Hexane	1	0.00E+00	3.52E-07	1
136	136	0	1330207	Xylenes	1	4.76E-01	3.81E-05	1
136	136	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
136	136	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
136	136	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
136	136	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
136	136	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
136	136	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
136	136	0	7440508	Copper	1	0.00E+00	5.36E-08	1
136	136	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
136	136	0	7664417	Ammonia	1	1.31E-03	2.53E-04	1
136	136	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
136	136	0	7783064	Hydrogensulfide	1	2.89E-03	2.33E-07	1
136	136	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
137	137	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-06	1
137	137	0	9901	DPM	1	1.73E-01	0.00E+00	1
137	137	0	50000	Formaldehyde	1	0.00E+00	1.13E-04	1
137	137	0	71432	Benzene	1	3.49E+00	3.08E-04	1
137	137	0	75070	Acetaldehyde	1	0.00E+00	5.12E-05	1
137	137	0	91203	PAHs[Napth]	1	1.43E-02	1.29E-06	1
137	137	0	100414	Ethylbenzene	1	6.98E-01	6.14E-05	1
137	137	0	106990	Butadiene[13]	1	0.00E+00	1.42E-05	1
137	137	0	107028	Acrolein	1	0.00E+00	2.22E-06	1
137	137	0	108883	Toluene	1	3.13E+00	2.76E-04	1
137	137	0	110543	Hexane	1	0.00E+00	1.76E-06	1
137	137	0	1330207	Xylenes	1	2.16E+00	1.91E-04	1
137	137	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-07	1
137	137	0	7439965	Manganese	1	0.00E+00	2.03E-07	1
137	137	0	7439976	Mercury	1	0.00E+00	1.31E-07	1
137	137	0	7440020	Nickel	1	0.00E+00	2.55E-07	1
137	137	0	7440382	Arsenic	1	0.00E+00	1.05E-07	1
137	137	0	7440439	Cadmium	1	0.00E+00	9.80E-08	1
137	137	0	7440508	Copper	1	0.00E+00	2.68E-07	1
137	137	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-05	1
137	137	0	7664417	Ammonia	1	5.98E-03	1.26E-03	1
137	137	0	7782492	Selenium	1	0.00E+00	1.44E-07	1
137	137	0	7783064	Hydrogensulfide	1	1.32E-02	1.17E-06	1
137	137	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-09	1
138	138	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
138	138	0	9901	DPM	1	2.09E-02	0.00E+00	1
138	138	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
138	138	0	71432	Benzene	1	3.50E-01	3.08E-05	1
138	138	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
138	138	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
138	138	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
138	138	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
138	138	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
138	138	0	108883	Toluene	1	3.13E-01	2.76E-05	1
138	138	0	110543	Hexane	1	0.00E+00	1.76E-07	1
138	138	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
138	138	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
138	138	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
138	138	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
138	138	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
138	138	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
138	138	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
138	138	0	7440508	Copper	1	0.00E+00	2.68E-08	1
138	138	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
138	138	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
138	138	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
138	138	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
138	138	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
139	139	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
139	139	0	9901	DPM	1	2.09E-02	0.00E+00	1
139	139	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
139	139	0	71432	Benzene	1	3.14E-01	3.08E-05	1
139	139	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
139	139	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
139	139	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
139	139	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
139	139	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
139	139	0	108883	Toluene	1	2.81E-01	2.76E-05	1
139	139	0	110543	Hexane	1	0.00E+00	1.76E-07	1
139	139	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
139	139	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
139	139	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
139	139	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
139	139	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
139	139	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
139	139	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
139	139	0	7440508	Copper	1	0.00E+00	2.68E-08	1
139	139	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
139	139	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
139	139	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
139	139	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
139	139	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
140	140	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
140	140	0	9901	DPM	1	5.47E-02	0.00E+00	1
140	140	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
140	140	0	71432	Benzene	1	1.07E+00	9.23E-05	1
140	140	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
140	140	0	91203	PAHs[Napth]	1	4.39E-03	3.86E-07	1
140	140	0	100414	Ethylbenzene	1	2.14E-01	1.84E-05	1
140	140	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
140	140	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
140	140	0	108883	Toluene	1	9.60E-01	8.27E-05	1
140	140	0	110543	Hexane	1	0.00E+00	5.27E-07	1
140	140	0	1330207	Xylenes	1	6.64E-01	5.72E-05	1
140	140	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
140	140	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
140	140	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
140	140	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
140	140	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
140	140	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
140	140	0	7440508	Copper	1	0.00E+00	8.04E-08	1
140	140	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
140	140	0	7664417	Ammonia	1	1.83E-03	3.79E-04	1
140	140	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
140	140	0	7783064	Hydrogensulfide	1	4.03E-03	3.50E-07	1
140	140	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
141	141	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
141	141	0	9901	DPM	1	2.09E-02	0.00E+00	1
141	141	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
141	141	0	71432	Benzene	1	3.50E-01	3.08E-05	1
141	141	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
141	141	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
141	141	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
141	141	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
141	141	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
141	141	0	108883	Toluene	1	3.13E-01	2.76E-05	1
141	141	0	110543	Hexane	1	0.00E+00	1.76E-07	1
141	141	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
141	141	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
141	141	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
141	141	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
141	141	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
141	141	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
141	141	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
141	141	0	7440508	Copper	1	0.00E+00	2.68E-08	1
141	141	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
141	141	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
141	141	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
141	141	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
141	141	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
142	142	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
142	142	0	9901	DPM	1	2.09E-02	0.00E+00	1
142	142	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
142	142	0	71432	Benzene	1	3.36E-01	3.08E-05	1
142	142	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
142	142	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
142	142	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
142	142	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
142	142	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
142	142	0	108883	Toluene	1	3.01E-01	2.76E-05	1
142	142	0	110543	Hexane	1	0.00E+00	1.76E-07	1
142	142	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
142	142	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
142	142	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
142	142	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
142	142	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
142	142	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
142	142	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
142	142	0	7440508	Copper	1	0.00E+00	2.68E-08	1
142	142	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
142	142	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
142	142	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
142	142	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
142	142	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
143	143	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
143	143	0	9901	DPM	1	2.09E-02	0.00E+00	1
143	143	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
143	143	0	71432	Benzene	1	3.36E-01	3.08E-05	1
143	143	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
143	143	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
143	143	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
143	143	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
143	143	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
143	143	0	108883	Toluene	1	3.01E-01	2.76E-05	1
143	143	0	110543	Hexane	1	0.00E+00	1.76E-07	1
143	143	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
143	143	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
143	143	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
143	143	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
143	143	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
143	143	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
143	143	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
143	143	0	7440508	Copper	1	0.00E+00	2.68E-08	1
143	143	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
143	143	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
143	143	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
143	143	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
143	143	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
144	144	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
144	144	0	9901	DPM	1	5.47E-02	0.00E+00	1
144	144	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
144	144	0	71432	Benzene	1	1.07E+00	9.23E-05	1
144	144	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
144	144	0	91203	PAHs[Napth]	1	4.39E-03	3.86E-07	1
144	144	0	100414	Ethylbenzene	1	2.14E-01	1.84E-05	1
144	144	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
144	144	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
144	144	0	108883	Toluene	1	9.60E-01	8.27E-05	1
144	144	0	110543	Hexane	1	0.00E+00	5.27E-07	1
144	144	0	1330207	Xylenes	1	6.64E-01	5.72E-05	1
144	144	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
144	144	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
144	144	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
144	144	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
144	144	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
144	144	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
144	144	0	7440508	Copper	1	0.00E+00	8.04E-08	1
144	144	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
144	144	0	7664417	Ammonia	1	1.83E-03	3.79E-04	1
144	144	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
144	144	0	7783064	Hydrogensulfide	1	4.03E-03	3.50E-07	1
144	144	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
145	145	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
145	145	0	9901	DPM	1	2.09E-02	0.00E+00	1
145	145	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
145	145	0	71432	Benzene	1	3.50E-01	3.08E-05	1
145	145	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
145	145	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
145	145	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
145	145	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
145	145	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
145	145	0	108883	Toluene	1	3.13E-01	2.76E-05	1
145	145	0	110543	Hexane	1	0.00E+00	1.76E-07	1
145	145	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
145	145	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
145	145	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
145	145	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
145	145	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
145	145	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
145	145	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
145	145	0	7440508	Copper	1	0.00E+00	2.68E-08	1
145	145	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
145	145	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
145	145	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
145	145	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
145	145	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
146	146	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
146	146	0	9901	DPM	1	7.16E-02	0.00E+00	1
146	146	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
146	146	0	71432	Benzene	1	1.45E+00	1.23E-04	1
146	146	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
146	146	0	91203	PAHs[Napth]	1	5.97E-03	5.15E-07	1
146	146	0	100414	Ethylbenzene	1	2.90E-01	2.46E-05	1
146	146	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
146	146	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
146	146	0	108883	Toluene	1	1.30E+00	1.10E-04	1
146	146	0	110543	Hexane	1	0.00E+00	7.03E-07	1
146	146	0	1330207	Xylenes	1	9.01E-01	7.63E-05	1
146	146	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
146	146	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
146	146	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
146	146	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
146	146	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
146	146	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
146	146	0	7440508	Copper	1	0.00E+00	1.07E-07	1
146	146	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
146	146	0	7664417	Ammonia	1	2.49E-03	5.05E-04	1
146	146	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
146	146	0	7783064	Hydrogensulfide	1	5.48E-03	4.66E-07	1
146	146	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
147	147	0	1151	PAHs[Napth]	1	0.00E+00	5.11E-06	1
147	147	0	9901	DPM	1	2.41E-01	0.00E+00	1
147	147	0	50000	Formaldehyde	1	0.00E+00	1.58E-04	1
147	147	0	71432	Benzene	1	4.65E+00	4.31E-04	1
147	147	0	75070	Acetaldehyde	1	0.00E+00	7.17E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
147	147	0	91203	PAHs[Napth]	1	1.92E-02	1.80E-06	1
147	147	0	100414	Ethylbenzene	1	9.29E-01	8.60E-05	1
147	147	0	106990	Butadiene[13]	1	0.00E+00	1.99E-05	1
147	147	0	107028	Acrolein	1	0.00E+00	3.10E-06	1
147	147	0	108883	Toluene	1	4.17E+00	3.86E-04	1
147	147	0	110543	Hexane	1	0.00E+00	2.46E-06	1
147	147	0	1330207	Xylenes	1	2.88E+00	2.67E-04	1
147	147	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	7.59E-07	1
147	147	0	7439965	Manganese	1	0.00E+00	2.84E-07	1
147	147	0	7439976	Mercury	1	0.00E+00	1.83E-07	1
147	147	0	7440020	Nickel	1	0.00E+00	3.57E-07	1
147	147	0	7440382	Arsenic	1	0.00E+00	1.46E-07	1
147	147	0	7440439	Cadmium	1	0.00E+00	1.37E-07	1
147	147	0	7440508	Copper	1	0.00E+00	3.75E-07	1
147	147	0	7647010	Hydrochloricacid	1	0.00E+00	1.70E-05	1
147	147	0	7664417	Ammonia	1	7.99E-03	1.77E-03	1
147	147	0	7782492	Selenium	1	0.00E+00	2.01E-07	1
147	147	0	7783064	Hydrogensulfide	1	1.76E-02	1.63E-06	1
147	147	0	18540299	Chromiumhexavalent6	1	0.00E+00	9.15E-09	1
148	148	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
148	148	0	9901	DPM	1	7.16E-02	0.00E+00	1
148	148	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
148	148	0	71432	Benzene	1	1.33E+00	1.23E-04	1
148	148	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
148	148	0	91203	PAHs[Napth]	1	5.46E-03	5.15E-07	1
148	148	0	100414	Ethylbenzene	1	2.65E-01	2.46E-05	1
148	148	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
148	148	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
148	148	0	108883	Toluene	1	1.19E+00	1.10E-04	1
148	148	0	110543	Hexane	1	0.00E+00	7.03E-07	1
148	148	0	1330207	Xylenes	1	8.22E-01	7.63E-05	1
148	148	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
148	148	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
148	148	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
148	148	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
148	148	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
148	148	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
148	148	0	7440508	Copper	1	0.00E+00	1.07E-07	1
148	148	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
148	148	0	7664417	Ammonia	1	2.28E-03	5.05E-04	1
148	148	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
148	148	0	7783064	Hydrogensulfide	1	5.01E-03	4.66E-07	1
148	148	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
149	149	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
149	149	0	9901	DPM	1	8.85E-02	0.00E+00	1
149	149	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
149	149	0	71432	Benzene	1	1.75E+00	1.54E-04	1
149	149	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
149	149	0	91203	PAHs[Napth]	1	7.17E-03	6.44E-07	1
149	149	0	100414	Ethylbenzene	1	3.49E-01	3.07E-05	1
149	149	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
149	149	0	107028	Acrolein	1	0.00E+00	1.11E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
149	149	0	108883	Toluene	1	1.57E+00	1.38E-04	1
149	149	0	110543	Hexane	1	0.00E+00	8.79E-07	1
149	149	0	1330207	Xylenes	1	1.08E+00	9.53E-05	1
149	149	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1
149	149	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
149	149	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
149	149	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
149	149	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
149	149	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
149	149	0	7440508	Copper	1	0.00E+00	1.34E-07	1
149	149	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
149	149	0	7664417	Ammonia	1	2.99E-03	6.32E-04	1
149	149	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
149	149	0	7783064	Hydrogensulfide	1	6.57E-03	5.83E-07	1
149	149	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
150	150	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
150	150	0	9901	DPM	1	2.09E-02	0.00E+00	1
150	150	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
150	150	0	71432	Benzene	1	3.50E-01	3.08E-05	1
150	150	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
150	150	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
150	150	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
150	150	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
150	150	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
150	150	0	108883	Toluene	1	3.13E-01	2.76E-05	1
150	150	0	110543	Hexane	1	0.00E+00	1.76E-07	1
150	150	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
150	150	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
150	150	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
150	150	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
150	150	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
150	150	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
150	150	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
150	150	0	7440508	Copper	1	0.00E+00	2.68E-08	1
150	150	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
150	150	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
150	150	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
150	150	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
150	150	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
151	151	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
151	151	0	9901	DPM	1	3.78E-02	0.00E+00	1
151	151	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
151	151	0	71432	Benzene	1	7.22E-01	6.15E-05	1
151	151	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
151	151	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
151	151	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
151	151	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
151	151	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
151	151	0	108883	Toluene	1	6.47E-01	5.51E-05	1
151	151	0	110543	Hexane	1	0.00E+00	3.52E-07	1
151	151	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
151	151	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
151	151	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
151	151	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
151	151	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
151	151	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
151	151	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
151	151	0	7440508	Copper	1	0.00E+00	5.36E-08	1
151	151	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
151	151	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1
151	151	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
151	151	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
151	151	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
152	152	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
152	152	0	9901	DPM	1	1.73E-02	0.00E+00	1
152	152	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
152	152	0	71432	Benzene	1	3.36E-01	3.08E-05	1
152	152	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
152	152	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
152	152	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
152	152	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
152	152	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
152	152	0	108883	Toluene	1	3.01E-01	2.76E-05	1
152	152	0	110543	Hexane	1	0.00E+00	1.76E-07	1
152	152	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
152	152	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
152	152	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
152	152	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
152	152	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
152	152	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
152	152	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
152	152	0	7440508	Copper	1	0.00E+00	2.68E-08	1
152	152	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
152	152	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
152	152	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
152	152	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
152	152	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
153	153	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
153	153	0	9901	DPM	1	2.09E-02	0.00E+00	1
153	153	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
153	153	0	71432	Benzene	1	4.17E-01	3.08E-05	1
153	153	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
153	153	0	91203	PAHs[Napth]	1	1.71E-03	1.29E-07	1
153	153	0	100414	Ethylbenzene	1	8.34E-02	6.14E-06	1
153	153	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
153	153	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
153	153	0	108883	Toluene	1	3.74E-01	2.76E-05	1
153	153	0	110543	Hexane	1	0.00E+00	1.76E-07	1
153	153	0	1330207	Xylenes	1	2.59E-01	1.91E-05	1
153	153	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
153	153	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
153	153	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
153	153	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
153	153	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
153	153	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
153	153	0	7440508	Copper	1	0.00E+00	2.68E-08	1
153	153	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
153	153	0	7664417	Ammonia	1	7.15E-04	1.26E-04	1
153	153	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
153	153	0	7783064	Hydrogensulfide	1	1.57E-03	1.17E-07	1
153	153	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
154	154	0	1151	PAHs[Napth]	1	0.00E+00	2.19E-06	1
154	154	0	9901	DPM	1	1.05E-01	0.00E+00	1
154	154	0	50000	Formaldehyde	1	0.00E+00	6.77E-05	1
154	154	0	71432	Benzene	1	1.98E+00	1.85E-04	1
154	154	0	75070	Acetaldehyde	1	0.00E+00	3.07E-05	1
154	154	0	91203	PAHs[Napth]	1	8.14E-03	7.72E-07	1
154	154	0	100414	Ethylbenzene	1	3.95E-01	3.69E-05	1
154	154	0	106990	Butadiene[13]	1	0.00E+00	8.52E-06	1
154	154	0	107028	Acrolein	1	0.00E+00	1.33E-06	1
154	154	0	108883	Toluene	1	1.77E+00	1.65E-04	1
154	154	0	110543	Hexane	1	0.00E+00	1.05E-06	1
154	154	0	1330207	Xylenes	1	1.22E+00	1.14E-04	1
154	154	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	3.25E-07	1
154	154	0	7439965	Manganese	1	0.00E+00	1.22E-07	1
154	154	0	7439976	Mercury	1	0.00E+00	7.84E-08	1
154	154	0	7440020	Nickel	1	0.00E+00	1.53E-07	1
154	154	0	7440382	Arsenic	1	0.00E+00	6.27E-08	1
154	154	0	7440439	Cadmium	1	0.00E+00	5.88E-08	1
154	154	0	7440508	Copper	1	0.00E+00	1.61E-07	1
154	154	0	7647010	Hydrochloricacid	1	0.00E+00	7.30E-06	1
154	154	0	7664417	Ammonia	1	3.40E-03	7.58E-04	1
154	154	0	7782492	Selenium	1	0.00E+00	8.63E-08	1
154	154	0	7783064	Hydrogensulfide	1	7.47E-03	6.99E-07	1
154	154	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.92E-09	1
155	155	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
155	155	0	9901	DPM	1	2.09E-02	0.00E+00	1
155	155	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
155	155	0	71432	Benzene	1	3.72E-01	3.08E-05	1
155	155	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
155	155	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
155	155	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
155	155	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
155	155	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
155	155	0	108883	Toluene	1	3.34E-01	2.76E-05	1
155	155	0	110543	Hexane	1	0.00E+00	1.76E-07	1
155	155	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
155	155	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
155	155	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
155	155	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
155	155	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
155	155	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
155	155	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
155	155	0	7440508	Copper	1	0.00E+00	2.68E-08	1
155	155	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
155	155	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
155	155	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
155	155	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
155	155	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
156	156	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
156	156	0	9901	DPM	1	3.78E-02	0.00E+00	1
156	156	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
156	156	0	71432	Benzene	1	6.86E-01	6.15E-05	1
156	156	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
156	156	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
156	156	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
156	156	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
156	156	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
156	156	0	108883	Toluene	1	6.15E-01	5.51E-05	1
156	156	0	110543	Hexane	1	0.00E+00	3.52E-07	1
156	156	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
156	156	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
156	156	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
156	156	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
156	156	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
156	156	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
156	156	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
156	156	0	7440508	Copper	1	0.00E+00	5.36E-08	1
156	156	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
156	156	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
156	156	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
156	156	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
156	156	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
157	157	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
157	157	0	9901	DPM	1	2.09E-02	0.00E+00	1
157	157	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
157	157	0	71432	Benzene	1	3.95E-01	3.08E-05	1
157	157	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
157	157	0	91203	PAHs[Napth]	1	1.62E-03	1.29E-07	1
157	157	0	100414	Ethylbenzene	1	7.89E-02	6.14E-06	1
157	157	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
157	157	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
157	157	0	108883	Toluene	1	3.54E-01	2.76E-05	1
157	157	0	110543	Hexane	1	0.00E+00	1.76E-07	1
157	157	0	1330207	Xylenes	1	2.45E-01	1.91E-05	1
157	157	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
157	157	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
157	157	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
157	157	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
157	157	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
157	157	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
157	157	0	7440508	Copper	1	0.00E+00	2.68E-08	1
157	157	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
157	157	0	7664417	Ammonia	1	6.76E-04	1.26E-04	1
157	157	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
157	157	0	7783064	Hydrogensulfide	1	1.49E-03	1.17E-07	1
157	157	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
158	158	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
158	158	0	9901	DPM	1	3.78E-02	0.00E+00	1
158	158	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
158	158	0	71432	Benzene	1	6.63E-01	6.15E-05	1
158	158	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
158	158	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
158	158	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
158	158	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
158	158	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
158	158	0	108883	Toluene	1	5.94E-01	5.51E-05	1
158	158	0	110543	Hexane	1	0.00E+00	3.52E-07	1
158	158	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
158	158	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
158	158	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
158	158	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
158	158	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
158	158	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
158	158	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
158	158	0	7440508	Copper	1	0.00E+00	5.36E-08	1
158	158	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
158	158	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
158	158	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
158	158	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
158	158	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
159	159	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
159	159	0	9901	DPM	1	2.09E-02	0.00E+00	1
159	159	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
159	159	0	71432	Benzene	1	3.50E-01	3.08E-05	1
159	159	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
159	159	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
159	159	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
159	159	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
159	159	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
159	159	0	108883	Toluene	1	3.13E-01	2.76E-05	1
159	159	0	110543	Hexane	1	0.00E+00	1.76E-07	1
159	159	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
159	159	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
159	159	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
159	159	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
159	159	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
159	159	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
159	159	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
159	159	0	7440508	Copper	1	0.00E+00	2.68E-08	1
159	159	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
159	159	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
159	159	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
159	159	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
159	159	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
160	160	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
160	160	0	9901	DPM	1	5.47E-02	0.00E+00	1
160	160	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
160	160	0	71432	Benzene	1	9.77E-01	9.23E-05	1
160	160	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
160	160	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
160	160	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
160	160	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
160	160	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
160	160	0	108883	Toluene	1	8.75E-01	8.27E-05	1
160	160	0	110543	Hexane	1	0.00E+00	5.27E-07	1
160	160	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
160	160	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
160	160	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
160	160	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
160	160	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
160	160	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
160	160	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
160	160	0	7440508	Copper	1	0.00E+00	8.04E-08	1
160	160	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
160	160	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
160	160	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
160	160	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
160	160	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
161	161	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
161	161	0	9901	DPM	1	7.16E-02	0.00E+00	1
161	161	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
161	161	0	71432	Benzene	1	1.33E+00	1.23E-04	1
161	161	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
161	161	0	91203	PAHs[Napth]	1	5.46E-03	5.15E-07	1
161	161	0	100414	Ethylbenzene	1	2.65E-01	2.46E-05	1
161	161	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
161	161	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
161	161	0	108883	Toluene	1	1.19E+00	1.10E-04	1
161	161	0	110543	Hexane	1	0.00E+00	7.03E-07	1
161	161	0	1330207	Xylenes	1	8.22E-01	7.63E-05	1
161	161	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
161	161	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
161	161	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
161	161	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
161	161	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
161	161	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
161	161	0	7440508	Copper	1	0.00E+00	1.07E-07	1
161	161	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
161	161	0	7664417	Ammonia	1	2.28E-03	5.05E-04	1
161	161	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
161	161	0	7783064	Hydrogensulfide	1	5.01E-03	4.66E-07	1
161	161	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
162	162	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
162	162	0	9901	DPM	1	2.09E-02	0.00E+00	1
162	162	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
162	162	0	71432	Benzene	1	3.14E-01	3.08E-05	1
162	162	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
162	162	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
162	162	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
162	162	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
162	162	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
162	162	0	108883	Toluene	1	2.81E-01	2.76E-05	1
162	162	0	110543	Hexane	1	0.00E+00	1.76E-07	1
162	162	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
162	162	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
162	162	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
162	162	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
162	162	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
162	162	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
162	162	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
162	162	0	7440508	Copper	1	0.00E+00	2.68E-08	1
162	162	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
162	162	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
162	162	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
162	162	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
162	162	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
163	163	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
163	163	0	9901	DPM	1	5.11E-02	0.00E+00	1
163	163	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
163	163	0	71432	Benzene	1	9.77E-01	9.23E-05	1
163	163	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
163	163	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
163	163	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
163	163	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
163	163	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
163	163	0	108883	Toluene	1	8.75E-01	8.27E-05	1
163	163	0	110543	Hexane	1	0.00E+00	5.27E-07	1
163	163	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
163	163	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
163	163	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
163	163	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
163	163	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
163	163	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
163	163	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
163	163	0	7440508	Copper	1	0.00E+00	8.04E-08	1
163	163	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
163	163	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
163	163	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
163	163	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
163	163	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
164	164	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
164	164	0	9901	DPM	1	2.09E-02	0.00E+00	1
164	164	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
164	164	0	71432	Benzene	1	3.14E-01	3.08E-05	1
164	164	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
164	164	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
164	164	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
164	164	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
164	164	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
164	164	0	108883	Toluene	1	2.81E-01	2.76E-05	1
164	164	0	110543	Hexane	1	0.00E+00	1.76E-07	1
164	164	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
164	164	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
164	164	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
164	164	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
164	164	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
164	164	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
164	164	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
164	164	0	7440508	Copper	1	0.00E+00	2.68E-08	1
164	164	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
164	164	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
164	164	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
164	164	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
164	164	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
165	165	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
165	165	0	9901	DPM	1	1.73E-02	0.00E+00	1
165	165	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
165	165	0	71432	Benzene	1	3.50E-01	3.08E-05	1
165	165	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
165	165	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
165	165	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
165	165	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
165	165	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
165	165	0	108883	Toluene	1	3.13E-01	2.76E-05	1
165	165	0	110543	Hexane	1	0.00E+00	1.76E-07	1
165	165	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
165	165	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
165	165	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
165	165	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
165	165	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
165	165	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
165	165	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
165	165	0	7440508	Copper	1	0.00E+00	2.68E-08	1
165	165	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
165	165	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
165	165	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
165	165	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
165	165	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
166	166	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-10	1
166	166	0	9901	DPM	1	3.94E-04	0.00E+00	1
166	166	0	50000	Formaldehyde	1	0.00E+00	2.34E-08	1
166	166	0	71432	Benzene	1	2.26E-02	2.58E-06	1
166	166	0	75070	Acetaldehyde	1	0.00E+00	1.06E-08	1
166	166	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
166	166	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
166	166	0	106990	Butadiene[13]	1	0.00E+00	2.94E-09	1
166	166	0	107028	Acrolein	1	0.00E+00	4.59E-10	1
166	166	0	108883	Toluene	1	2.03E-02	2.32E-06	1
166	166	0	110543	Hexane	1	0.00E+00	3.64E-10	1
166	166	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
166	166	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-10	1
166	166	0	7439965	Manganese	1	0.00E+00	4.20E-11	1
166	166	0	7439976	Mercury	1	0.00E+00	2.71E-11	1
166	166	0	7440020	Nickel	1	0.00E+00	5.28E-11	1
166	166	0	7440382	Arsenic	1	0.00E+00	2.17E-11	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
166	166	0	7440439	Cadmium	1	0.00E+00	2.03E-11	1
166	166	0	7440508	Copper	1	0.00E+00	5.55E-11	1
166	166	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-09	1
166	166	0	7664417	Ammonia	1	3.90E-05	3.93E-07	1
166	166	0	7782492	Selenium	1	0.00E+00	2.98E-11	1
166	166	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
166	166	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-12	1
167	167	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
167	167	0	9901	DPM	1	3.93E-03	0.00E+00	1
167	167	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
167	167	0	71432	Benzene	1	2.26E-02	2.58E-06	1
167	167	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
167	167	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
167	167	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
167	167	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
167	167	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
167	167	0	108883	Toluene	1	2.03E-02	2.32E-06	1
167	167	0	110543	Hexane	1	0.00E+00	3.63E-09	1
167	167	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
167	167	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
167	167	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
167	167	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
167	167	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
167	167	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
167	167	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
167	167	0	7440508	Copper	1	0.00E+00	5.54E-10	1
167	167	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
167	167	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
167	167	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
167	167	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
167	167	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
168	168	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1
168	168	0	9901	DPM	1	3.94E-03	0.00E+00	1
168	168	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
168	168	0	71432	Benzene	1	4.53E-02	5.17E-06	1
168	168	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
168	168	0	91203	PAHs[Napth]	1	1.87E-04	2.14E-08	1
168	168	0	100414	Ethylbenzene	1	9.06E-03	1.03E-06	1
168	168	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
168	168	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
168	168	0	108883	Toluene	1	4.06E-02	4.63E-06	1
168	168	0	110543	Hexane	1	0.00E+00	3.64E-09	1
168	168	0	1330207	Xylenes	1	2.81E-02	3.21E-06	1
168	168	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
168	168	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
168	168	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
168	168	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
168	168	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
168	168	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
168	168	0	7440508	Copper	1	0.00E+00	5.55E-10	1
168	168	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
168	168	0	7664417	Ammonia	1	7.81E-05	3.93E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
168	168	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
168	168	0	7783064	Hydrogensulfide	1	1.72E-04	1.96E-08	1
168	168	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
169	169	0	1151	PAHs[Napth]	1	0.00E+00	7.53E-10	1
169	169	0	9901	DPM	1	3.93E-04	0.00E+00	1
169	169	0	50000	Formaldehyde	1	0.00E+00	2.33E-08	1
169	169	0	71432	Benzene	1	2.26E-02	2.58E-06	1
169	169	0	75070	Acetaldehyde	1	0.00E+00	1.06E-08	1
169	169	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
169	169	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
169	169	0	106990	Butadiene[13]	1	0.00E+00	2.93E-09	1
169	169	0	107028	Acrolein	1	0.00E+00	4.57E-10	1
169	169	0	108883	Toluene	1	2.03E-02	2.32E-06	1
169	169	0	110543	Hexane	1	0.00E+00	3.63E-10	1
169	169	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
169	169	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-10	1
169	169	0	7439965	Manganese	1	0.00E+00	4.18E-11	1
169	169	0	7439976	Mercury	1	0.00E+00	2.70E-11	1
169	169	0	7440020	Nickel	1	0.00E+00	5.26E-11	1
169	169	0	7440382	Arsenic	1	0.00E+00	2.16E-11	1
169	169	0	7440439	Cadmium	1	0.00E+00	2.02E-11	1
169	169	0	7440508	Copper	1	0.00E+00	5.53E-11	1
169	169	0	7647010	Hydrochloricacid	1	0.00E+00	2.51E-09	1
169	169	0	7664417	Ammonia	1	3.90E-05	3.91E-07	1
169	169	0	7782492	Selenium	1	0.00E+00	2.97E-11	1
169	169	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
169	169	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-12	1
170	170	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
170	170	0	9901	DPM	1	1.73E-02	0.00E+00	1
170	170	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
170	170	0	71432	Benzene	1	3.50E-01	3.08E-05	1
170	170	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
170	170	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
170	170	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
170	170	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
170	170	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
170	170	0	108883	Toluene	1	3.13E-01	2.76E-05	1
170	170	0	110543	Hexane	1	0.00E+00	1.76E-07	1
170	170	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
170	170	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
170	170	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
170	170	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
170	170	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
170	170	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
170	170	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
170	170	0	7440508	Copper	1	0.00E+00	2.68E-08	1
170	170	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
170	170	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
170	170	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
170	170	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
170	170	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
171	171	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
171	171	0	9901	DPM	1	2.09E-02	0.00E+00	1
171	171	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
171	171	0	71432	Benzene	1	3.14E-01	3.08E-05	1
171	171	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
171	171	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
171	171	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
171	171	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
171	171	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
171	171	0	108883	Toluene	1	2.81E-01	2.76E-05	1
171	171	0	110543	Hexane	1	0.00E+00	1.76E-07	1
171	171	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
171	171	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
171	171	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
171	171	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
171	171	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
171	171	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
171	171	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
171	171	0	7440508	Copper	1	0.00E+00	2.68E-08	1
171	171	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
171	171	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
171	171	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
171	171	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
171	171	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
172	172	0	1151	PAHs[Napth]	1	0.00E+00	7.56E-09	1
172	172	0	9901	DPM	1	3.94E-03	0.00E+00	1
172	172	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
172	172	0	71432	Benzene	1	2.26E-02	2.58E-06	1
172	172	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
172	172	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
172	172	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
172	172	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
172	172	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
172	172	0	108883	Toluene	1	2.03E-02	2.32E-06	1
172	172	0	110543	Hexane	1	0.00E+00	3.64E-09	1
172	172	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
172	172	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
172	172	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
172	172	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
172	172	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
172	172	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
172	172	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
172	172	0	7440508	Copper	1	0.00E+00	5.55E-10	1
172	172	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
172	172	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
172	172	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
172	172	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
172	172	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
173	173	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
173	173	0	9901	DPM	1	1.73E-02	0.00E+00	1
173	173	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
173	173	0	71432	Benzene	1	3.14E-01	3.08E-05	1
173	173	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
173	173	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
173	173	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
173	173	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
173	173	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
173	173	0	108883	Toluene	1	2.81E-01	2.76E-05	1
173	173	0	110543	Hexane	1	0.00E+00	1.76E-07	1
173	173	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
173	173	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
173	173	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
173	173	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
173	173	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
173	173	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
173	173	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
173	173	0	7440508	Copper	1	0.00E+00	2.68E-08	1
173	173	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
173	173	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
173	173	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
173	173	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
173	173	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
174	174	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
174	174	0	9901	DPM	1	2.09E-02	0.00E+00	1
174	174	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
174	174	0	71432	Benzene	1	3.50E-01	3.08E-05	1
174	174	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
174	174	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
174	174	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
174	174	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
174	174	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
174	174	0	108883	Toluene	1	3.13E-01	2.76E-05	1
174	174	0	110543	Hexane	1	0.00E+00	1.76E-07	1
174	174	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
174	174	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
174	174	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
174	174	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
174	174	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
174	174	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
174	174	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
174	174	0	7440508	Copper	1	0.00E+00	2.68E-08	1
174	174	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
174	174	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
174	174	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
174	174	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
174	174	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
175	175	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
175	175	0	9901	DPM	1	3.93E-03	0.00E+00	1
175	175	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
175	175	0	71432	Benzene	1	2.26E-02	2.58E-06	1
175	175	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
175	175	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
175	175	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
175	175	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
175	175	0	107028	Acrolein	1	0.00E+00	4.58E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
175	175	0	108883	Toluene	1	2.03E-02	2.32E-06	1
175	175	0	110543	Hexane	1	0.00E+00	3.63E-09	1
175	175	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
175	175	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
175	175	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
175	175	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
175	175	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
175	175	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
175	175	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
175	175	0	7440508	Copper	1	0.00E+00	5.54E-10	1
175	175	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
175	175	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
175	175	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
175	175	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
175	175	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
176	176	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
176	176	0	9901	DPM	1	3.93E-03	0.00E+00	1
176	176	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
176	176	0	71432	Benzene	1	2.26E-02	2.58E-06	1
176	176	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
176	176	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
176	176	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
176	176	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
176	176	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
176	176	0	108883	Toluene	1	2.03E-02	2.32E-06	1
176	176	0	110543	Hexane	1	0.00E+00	3.63E-09	1
176	176	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
176	176	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
176	176	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
176	176	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
176	176	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
176	176	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
176	176	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
176	176	0	7440508	Copper	1	0.00E+00	5.54E-10	1
176	176	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
176	176	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
176	176	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
176	176	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
176	176	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
177	177	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
177	177	0	9901	DPM	1	1.73E-02	0.00E+00	1
177	177	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
177	177	0	71432	Benzene	1	3.72E-01	3.08E-05	1
177	177	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
177	177	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
177	177	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
177	177	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
177	177	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
177	177	0	108883	Toluene	1	3.34E-01	2.76E-05	1
177	177	0	110543	Hexane	1	0.00E+00	1.76E-07	1
177	177	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
177	177	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
177	177	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
177	177	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
177	177	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
177	177	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
177	177	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
177	177	0	7440508	Copper	1	0.00E+00	2.68E-08	1
177	177	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
177	177	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
177	177	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
177	177	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
177	177	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
178	178	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
178	178	0	9901	DPM	1	5.47E-02	0.00E+00	1
178	178	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
178	178	0	71432	Benzene	1	1.07E+00	9.23E-05	1
178	178	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
178	178	0	91203	PAHs[Napth]	1	4.39E-03	3.86E-07	1
178	178	0	100414	Ethylbenzene	1	2.14E-01	1.84E-05	1
178	178	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
178	178	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
178	178	0	108883	Toluene	1	9.60E-01	8.27E-05	1
178	178	0	110543	Hexane	1	0.00E+00	5.27E-07	1
178	178	0	1330207	Xylenes	1	6.64E-01	5.72E-05	1
178	178	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
178	178	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
178	178	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
178	178	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
178	178	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
178	178	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
178	178	0	7440508	Copper	1	0.00E+00	8.04E-08	1
178	178	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
178	178	0	7664417	Ammonia	1	1.83E-03	3.79E-04	1
178	178	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
178	178	0	7783064	Hydrogensulfide	1	4.03E-03	3.50E-07	1
178	178	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
179	179	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
179	179	0	9901	DPM	1	2.09E-02	0.00E+00	1
179	179	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
179	179	0	71432	Benzene	1	3.95E-01	3.08E-05	1
179	179	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
179	179	0	91203	PAHs[Napth]	1	1.62E-03	1.29E-07	1
179	179	0	100414	Ethylbenzene	1	7.89E-02	6.14E-06	1
179	179	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
179	179	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
179	179	0	108883	Toluene	1	3.54E-01	2.76E-05	1
179	179	0	110543	Hexane	1	0.00E+00	1.76E-07	1
179	179	0	1330207	Xylenes	1	2.45E-01	1.91E-05	1
179	179	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
179	179	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
179	179	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
179	179	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
179	179	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
179	179	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
179	179	0	7440508	Copper	1	0.00E+00	2.68E-08	1
179	179	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
179	179	0	7664417	Ammonia	1	6.76E-04	1.26E-04	1
179	179	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
179	179	0	7783064	Hydrogensulfide	1	1.49E-03	1.17E-07	1
179	179	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
180	180	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
180	180	0	9901	DPM	1	3.93E-03	0.00E+00	1
180	180	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
180	180	0	71432	Benzene	1	2.26E-02	2.58E-06	1
180	180	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
180	180	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
180	180	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
180	180	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
180	180	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
180	180	0	108883	Toluene	1	2.03E-02	2.32E-06	1
180	180	0	110543	Hexane	1	0.00E+00	3.63E-09	1
180	180	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
180	180	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
180	180	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
180	180	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
180	180	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
180	180	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
180	180	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
180	180	0	7440508	Copper	1	0.00E+00	5.54E-10	1
180	180	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
180	180	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
180	180	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
180	180	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
180	180	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
181	181	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
181	181	0	9901	DPM	1	3.93E-03	0.00E+00	1
181	181	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
181	181	0	71432	Benzene	1	2.26E-02	2.58E-06	1
181	181	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
181	181	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
181	181	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
181	181	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
181	181	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
181	181	0	108883	Toluene	1	2.03E-02	2.32E-06	1
181	181	0	110543	Hexane	1	0.00E+00	3.63E-09	1
181	181	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
181	181	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
181	181	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
181	181	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
181	181	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
181	181	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
181	181	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
181	181	0	7440508	Copper	1	0.00E+00	5.54E-10	1
181	181	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
181	181	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
181	181	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
181	181	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
181	181	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
182	182	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
182	182	0	9901	DPM	1	3.93E-03	0.00E+00	1
182	182	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
182	182	0	71432	Benzene	1	6.79E-02	7.75E-06	1
182	182	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
182	182	0	91203	PAHs[Napth]	1	2.81E-04	3.21E-08	1
182	182	0	100414	Ethylbenzene	1	1.36E-02	1.55E-06	1
182	182	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
182	182	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
182	182	0	108883	Toluene	1	6.09E-02	6.95E-06	1
182	182	0	110543	Hexane	1	0.00E+00	3.63E-09	1
182	182	0	1330207	Xylenes	1	4.22E-02	4.81E-06	1
182	182	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
182	182	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
182	182	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
182	182	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
182	182	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
182	182	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
182	182	0	7440508	Copper	1	0.00E+00	5.54E-10	1
182	182	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
182	182	0	7664417	Ammonia	1	1.17E-04	3.92E-06	1
182	182	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
182	182	0	7783064	Hydrogensulfide	1	2.58E-04	2.94E-08	1
182	182	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
183	183	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
183	183	0	9901	DPM	1	2.09E-02	0.00E+00	1
183	183	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
183	183	0	71432	Benzene	1	3.72E-01	3.08E-05	1
183	183	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
183	183	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
183	183	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
183	183	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
183	183	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
183	183	0	108883	Toluene	1	3.34E-01	2.76E-05	1
183	183	0	110543	Hexane	1	0.00E+00	1.76E-07	1
183	183	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
183	183	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
183	183	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
183	183	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
183	183	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
183	183	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
183	183	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
183	183	0	7440508	Copper	1	0.00E+00	2.68E-08	1
183	183	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
183	183	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
183	183	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
183	183	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
183	183	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
184	184	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
184	184	0	9901	DPM	1	2.08E-02	0.00E+00	1
184	184	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
184	184	0	71432	Benzene	1	3.50E-01	3.08E-05	1
184	184	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
184	184	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
184	184	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
184	184	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
184	184	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
184	184	0	108883	Toluene	1	3.13E-01	2.76E-05	1
184	184	0	110543	Hexane	1	0.00E+00	1.76E-07	1
184	184	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
184	184	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
184	184	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
184	184	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
184	184	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
184	184	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
184	184	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
184	184	0	7440508	Copper	1	0.00E+00	2.68E-08	1
184	184	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
184	184	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
184	184	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
184	184	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
184	184	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
185	185	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
185	185	0	9901	DPM	1	7.16E-02	0.00E+00	1
185	185	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
185	185	0	71432	Benzene	1	1.40E+00	1.23E-04	1
185	185	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
185	185	0	91203	PAHs[Napth]	1	5.73E-03	5.15E-07	1
185	185	0	100414	Ethylbenzene	1	2.79E-01	2.46E-05	1
185	185	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
185	185	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
185	185	0	108883	Toluene	1	1.25E+00	1.10E-04	1
185	185	0	110543	Hexane	1	0.00E+00	7.03E-07	1
185	185	0	1330207	Xylenes	1	8.67E-01	7.63E-05	1
185	185	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
185	185	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
185	185	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
185	185	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
185	185	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
185	185	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
185	185	0	7440508	Copper	1	0.00E+00	1.07E-07	1
185	185	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
185	185	0	7664417	Ammonia	1	2.39E-03	5.05E-04	1
185	185	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
185	185	0	7783064	Hydrogensulfide	1	5.26E-03	4.66E-07	1
185	185	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
186	186	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
186	186	0	9901	DPM	1	2.09E-02	0.00E+00	1
186	186	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
186	186	0	71432	Benzene	1	3.14E-01	3.08E-05	1
186	186	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
186	186	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
186	186	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
186	186	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
186	186	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
186	186	0	108883	Toluene	1	2.81E-01	2.76E-05	1
186	186	0	110543	Hexane	1	0.00E+00	1.76E-07	1
186	186	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
186	186	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
186	186	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
186	186	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
186	186	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
186	186	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
186	186	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
186	186	0	7440508	Copper	1	0.00E+00	2.68E-08	1
186	186	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
186	186	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
186	186	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
186	186	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
186	186	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
187	187	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
187	187	0	9901	DPM	1	5.47E-02	0.00E+00	1
187	187	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
187	187	0	71432	Benzene	1	1.05E+00	9.23E-05	1
187	187	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
187	187	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
187	187	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
187	187	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
187	187	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
187	187	0	108883	Toluene	1	9.40E-01	8.27E-05	1
187	187	0	110543	Hexane	1	0.00E+00	5.27E-07	1
187	187	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
187	187	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
187	187	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
187	187	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
187	187	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
187	187	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
187	187	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
187	187	0	7440508	Copper	1	0.00E+00	8.04E-08	1
187	187	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
187	187	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
187	187	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
187	187	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
187	187	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
188	188	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
188	188	0	9901	DPM	1	2.09E-02	0.00E+00	1
188	188	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
188	188	0	71432	Benzene	1	3.36E-01	3.08E-05	1
188	188	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
188	188	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
188	188	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
188	188	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
188	188	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
188	188	0	108883	Toluene	1	3.01E-01	2.76E-05	1
188	188	0	110543	Hexane	1	0.00E+00	1.76E-07	1
188	188	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
188	188	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
188	188	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
188	188	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
188	188	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
188	188	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
188	188	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
188	188	0	7440508	Copper	1	0.00E+00	2.68E-08	1
188	188	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
188	188	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
188	188	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
188	188	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
188	188	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
189	189	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
189	189	0	9901	DPM	1	2.09E-02	0.00E+00	1
189	189	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
189	189	0	71432	Benzene	1	3.72E-01	3.08E-05	1
189	189	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
189	189	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
189	189	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
189	189	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
189	189	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
189	189	0	108883	Toluene	1	3.34E-01	2.76E-05	1
189	189	0	110543	Hexane	1	0.00E+00	1.76E-07	1
189	189	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
189	189	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
189	189	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
189	189	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
189	189	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
189	189	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
189	189	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
189	189	0	7440508	Copper	1	0.00E+00	2.68E-08	1
189	189	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
189	189	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
189	189	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
189	189	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
189	189	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
190	190	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1
190	190	0	9901	DPM	1	3.94E-03	0.00E+00	1
190	190	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
190	190	0	71432	Benzene	1	2.26E-02	2.58E-06	1
190	190	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
190	190	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
190	190	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
190	190	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
190	190	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
190	190	0	108883	Toluene	1	2.03E-02	2.32E-06	1
190	190	0	110543	Hexane	1	0.00E+00	3.64E-09	1
190	190	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
190	190	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
190	190	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
190	190	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
190	190	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
190	190	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
190	190	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
190	190	0	7440508	Copper	1	0.00E+00	5.55E-10	1
190	190	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
190	190	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
190	190	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
190	190	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
190	190	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
191	191	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
191	191	0	9901	DPM	1	5.47E-02	0.00E+00	1
191	191	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
191	191	0	71432	Benzene	1	1.01E+00	9.23E-05	1
191	191	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
191	191	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
191	191	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
191	191	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
191	191	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
191	191	0	108883	Toluene	1	9.07E-01	8.27E-05	1
191	191	0	110543	Hexane	1	0.00E+00	5.27E-07	1
191	191	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
191	191	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
191	191	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
191	191	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
191	191	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
191	191	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
191	191	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
191	191	0	7440508	Copper	1	0.00E+00	8.04E-08	1
191	191	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
191	191	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
191	191	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
191	191	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
191	191	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
192	192	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
192	192	0	9901	DPM	1	3.78E-02	0.00E+00	1
192	192	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
192	192	0	71432	Benzene	1	6.63E-01	6.15E-05	1
192	192	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
192	192	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
192	192	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
192	192	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
192	192	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
192	192	0	108883	Toluene	1	5.94E-01	5.51E-05	1
192	192	0	110543	Hexane	1	0.00E+00	3.52E-07	1
192	192	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
192	192	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
192	192	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
192	192	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
192	192	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
192	192	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
192	192	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
192	192	0	7440508	Copper	1	0.00E+00	5.36E-08	1
192	192	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
192	192	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
192	192	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
192	192	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
192	192	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
193	193	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
193	193	0	9901	DPM	1	2.09E-02	0.00E+00	1
193	193	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
193	193	0	71432	Benzene	1	3.50E-01	3.08E-05	1
193	193	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
193	193	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
193	193	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
193	193	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
193	193	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
193	193	0	108883	Toluene	1	3.13E-01	2.76E-05	1
193	193	0	110543	Hexane	1	0.00E+00	1.76E-07	1
193	193	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
193	193	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
193	193	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
193	193	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
193	193	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
193	193	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
193	193	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
193	193	0	7440508	Copper	1	0.00E+00	2.68E-08	1
193	193	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
193	193	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
193	193	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
193	193	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
193	193	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
194	194	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
194	194	0	9901	DPM	1	3.78E-02	0.00E+00	1
194	194	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
194	194	0	71432	Benzene	1	6.99E-01	6.15E-05	1
194	194	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
194	194	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
194	194	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
194	194	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
194	194	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
194	194	0	108883	Toluene	1	6.27E-01	5.51E-05	1
194	194	0	110543	Hexane	1	0.00E+00	3.52E-07	1
194	194	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
194	194	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
194	194	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
194	194	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
194	194	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
194	194	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
194	194	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
194	194	0	7440508	Copper	1	0.00E+00	5.36E-08	1
194	194	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
194	194	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
194	194	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
194	194	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
194	194	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
195	195	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
195	195	0	9901	DPM	1	2.09E-02	0.00E+00	1
195	195	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
195	195	0	71432	Benzene	1	3.36E-01	3.08E-05	1
195	195	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
195	195	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
195	195	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
195	195	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
195	195	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
195	195	0	108883	Toluene	1	3.01E-01	2.76E-05	1
195	195	0	110543	Hexane	1	0.00E+00	1.76E-07	1
195	195	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
195	195	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
195	195	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
195	195	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
195	195	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
195	195	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
195	195	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
195	195	0	7440508	Copper	1	0.00E+00	2.68E-08	1
195	195	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
195	195	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
195	195	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
195	195	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
195	195	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
196	196	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
196	196	0	9901	DPM	1	2.09E-02	0.00E+00	1
196	196	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
196	196	0	71432	Benzene	1	3.50E-01	3.08E-05	1
196	196	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
196	196	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
196	196	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
196	196	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
196	196	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
196	196	0	108883	Toluene	1	3.13E-01	2.76E-05	1
196	196	0	110543	Hexane	1	0.00E+00	1.76E-07	1
196	196	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
196	196	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
196	196	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
196	196	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
196	196	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
196	196	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
196	196	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
196	196	0	7440508	Copper	1	0.00E+00	2.68E-08	1
196	196	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
196	196	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
196	196	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
196	196	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
196	196	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
197	197	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
197	197	0	9901	DPM	1	2.09E-02	0.00E+00	1
197	197	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
197	197	0	71432	Benzene	1	3.50E-01	3.08E-05	1
197	197	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
197	197	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
197	197	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
197	197	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
197	197	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
197	197	0	108883	Toluene	1	3.13E-01	2.76E-05	1
197	197	0	110543	Hexane	1	0.00E+00	1.76E-07	1
197	197	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
197	197	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
197	197	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
197	197	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
197	197	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
197	197	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
197	197	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
197	197	0	7440508	Copper	1	0.00E+00	2.68E-08	1
197	197	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
197	197	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
197	197	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
197	197	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
197	197	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
198	198	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
198	198	0	9901	DPM	1	3.93E-03	0.00E+00	1
198	198	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
198	198	0	71432	Benzene	1	2.26E-02	2.58E-06	1
198	198	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
198	198	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
198	198	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
198	198	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
198	198	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
198	198	0	108883	Toluene	1	2.03E-02	2.32E-06	1
198	198	0	110543	Hexane	1	0.00E+00	3.63E-09	1
198	198	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
198	198	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
198	198	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
198	198	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
198	198	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
198	198	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
198	198	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
198	198	0	7440508	Copper	1	0.00E+00	5.54E-10	1
198	198	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
198	198	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
198	198	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
198	198	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
198	198	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
199	199	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
199	199	0	9901	DPM	1	3.78E-02	0.00E+00	1
199	199	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
199	199	0	71432	Benzene	1	7.22E-01	6.15E-05	1
199	199	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
199	199	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
199	199	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
199	199	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
199	199	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
199	199	0	108883	Toluene	1	6.47E-01	5.51E-05	1
199	199	0	110543	Hexane	1	0.00E+00	3.52E-07	1
199	199	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
199	199	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
199	199	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
199	199	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
199	199	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
199	199	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
199	199	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
199	199	0	7440508	Copper	1	0.00E+00	5.36E-08	1
199	199	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
199	199	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1
199	199	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
199	199	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
199	199	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
200	200	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
200	200	0	9901	DPM	1	2.08E-02	0.00E+00	1
200	200	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
200	200	0	71432	Benzene	1	3.72E-01	3.08E-05	1
200	200	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
200	200	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
200	200	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
200	200	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
200	200	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
200	200	0	108883	Toluene	1	3.34E-01	2.76E-05	1
200	200	0	110543	Hexane	1	0.00E+00	1.76E-07	1
200	200	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
200	200	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
200	200	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
200	200	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
200	200	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
200	200	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
200	200	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
200	200	0	7440508	Copper	1	0.00E+00	2.68E-08	1
200	200	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
200	200	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
200	200	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
200	200	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
200	200	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
201	201	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
201	201	0	9901	DPM	1	3.78E-02	0.00E+00	1
201	201	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
201	201	0	71432	Benzene	1	7.22E-01	6.15E-05	1
201	201	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
201	201	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
201	201	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
201	201	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
201	201	0	107028	Acrolein	1	0.00E+00	4.43E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
201	201	0	108883	Toluene	1	6.47E-01	5.51E-05	1
201	201	0	110543	Hexane	1	0.00E+00	3.52E-07	1
201	201	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
201	201	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
201	201	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
201	201	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
201	201	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
201	201	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
201	201	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
201	201	0	7440508	Copper	1	0.00E+00	5.36E-08	1
201	201	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
201	201	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1
201	201	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
201	201	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
201	201	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
202	202	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
202	202	0	9901	DPM	1	2.09E-02	0.00E+00	1
202	202	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
202	202	0	71432	Benzene	1	3.50E-01	3.08E-05	1
202	202	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
202	202	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
202	202	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
202	202	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
202	202	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
202	202	0	108883	Toluene	1	3.13E-01	2.76E-05	1
202	202	0	110543	Hexane	1	0.00E+00	1.76E-07	1
202	202	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
202	202	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
202	202	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
202	202	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
202	202	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
202	202	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
202	202	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
202	202	0	7440508	Copper	1	0.00E+00	2.68E-08	1
202	202	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
202	202	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
202	202	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
202	202	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
202	202	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
203	203	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
203	203	0	9901	DPM	1	5.47E-02	0.00E+00	1
203	203	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
203	203	0	71432	Benzene	1	9.99E-01	9.23E-05	1
203	203	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
203	203	0	91203	PAHs[Napth]	1	4.12E-03	3.86E-07	1
203	203	0	100414	Ethylbenzene	1	2.00E-01	1.84E-05	1
203	203	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
203	203	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
203	203	0	108883	Toluene	1	8.95E-01	8.27E-05	1
203	203	0	110543	Hexane	1	0.00E+00	5.27E-07	1
203	203	0	1330207	Xylenes	1	6.19E-01	5.72E-05	1
203	203	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
203	203	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
203	203	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
203	203	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
203	203	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
203	203	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
203	203	0	7440508	Copper	1	0.00E+00	8.04E-08	1
203	203	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
203	203	0	7664417	Ammonia	1	1.72E-03	3.79E-04	1
203	203	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
203	203	0	7783064	Hydrogensulfide	1	3.78E-03	3.50E-07	1
203	203	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
204	204	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
204	204	0	9901	DPM	1	2.09E-02	0.00E+00	1
204	204	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
204	204	0	71432	Benzene	1	3.50E-01	3.08E-05	1
204	204	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
204	204	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
204	204	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
204	204	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
204	204	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
204	204	0	108883	Toluene	1	3.13E-01	2.76E-05	1
204	204	0	110543	Hexane	1	0.00E+00	1.76E-07	1
204	204	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
204	204	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
204	204	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
204	204	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
204	204	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
204	204	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
204	204	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
204	204	0	7440508	Copper	1	0.00E+00	2.68E-08	1
204	204	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
204	204	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
204	204	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
204	204	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
204	204	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
205	205	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
205	205	0	9901	DPM	1	2.09E-02	0.00E+00	1
205	205	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
205	205	0	71432	Benzene	1	3.72E-01	3.08E-05	1
205	205	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
205	205	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
205	205	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
205	205	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
205	205	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
205	205	0	108883	Toluene	1	3.34E-01	2.76E-05	1
205	205	0	110543	Hexane	1	0.00E+00	1.76E-07	1
205	205	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
205	205	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
205	205	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
205	205	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
205	205	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
205	205	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
205	205	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
205	205	0	7440508	Copper	1	0.00E+00	2.68E-08	1
205	205	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
205	205	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
205	205	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
205	205	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
205	205	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
206	206	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
206	206	0	9901	DPM	1	3.78E-02	0.00E+00	1
206	206	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
206	206	0	71432	Benzene	1	6.27E-01	6.15E-05	1
206	206	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
206	206	0	91203	PAHs[Napth]	1	2.59E-03	2.57E-07	1
206	206	0	100414	Ethylbenzene	1	1.25E-01	1.23E-05	1
206	206	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
206	206	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
206	206	0	108883	Toluene	1	5.62E-01	5.51E-05	1
206	206	0	110543	Hexane	1	0.00E+00	3.52E-07	1
206	206	0	1330207	Xylenes	1	3.89E-01	3.81E-05	1
206	206	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
206	206	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
206	206	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
206	206	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
206	206	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
206	206	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
206	206	0	7440508	Copper	1	0.00E+00	5.36E-08	1
206	206	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
206	206	0	7664417	Ammonia	1	1.08E-03	2.53E-04	1
206	206	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
206	206	0	7783064	Hydrogensulfide	1	2.38E-03	2.33E-07	1
206	206	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
207	207	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
207	207	0	9901	DPM	1	3.93E-03	0.00E+00	1
207	207	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
207	207	0	71432	Benzene	1	2.26E-02	2.58E-06	1
207	207	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
207	207	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
207	207	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
207	207	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
207	207	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
207	207	0	108883	Toluene	1	2.03E-02	2.32E-06	1
207	207	0	110543	Hexane	1	0.00E+00	3.63E-09	1
207	207	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
207	207	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
207	207	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
207	207	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
207	207	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
207	207	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
207	207	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
207	207	0	7440508	Copper	1	0.00E+00	5.54E-10	1
207	207	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
207	207	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
207	207	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
207	207	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
207	207	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
208	208	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
208	208	0	9901	DPM	1	1.73E-02	0.00E+00	1
208	208	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
208	208	0	71432	Benzene	1	3.14E-01	3.08E-05	1
208	208	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
208	208	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
208	208	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
208	208	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
208	208	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
208	208	0	108883	Toluene	1	2.81E-01	2.76E-05	1
208	208	0	110543	Hexane	1	0.00E+00	1.76E-07	1
208	208	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
208	208	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
208	208	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
208	208	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
208	208	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
208	208	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
208	208	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
208	208	0	7440508	Copper	1	0.00E+00	2.68E-08	1
208	208	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
208	208	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
208	208	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
208	208	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
208	208	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
209	209	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
209	209	0	9901	DPM	1	2.09E-02	0.00E+00	1
209	209	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
209	209	0	71432	Benzene	1	3.14E-01	3.08E-05	1
209	209	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
209	209	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
209	209	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
209	209	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
209	209	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
209	209	0	108883	Toluene	1	2.81E-01	2.76E-05	1
209	209	0	110543	Hexane	1	0.00E+00	1.76E-07	1
209	209	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
209	209	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
209	209	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
209	209	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
209	209	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
209	209	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
209	209	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
209	209	0	7440508	Copper	1	0.00E+00	2.68E-08	1
209	209	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
209	209	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
209	209	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
209	209	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
209	209	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
210	210	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
210	210	0	9901	DPM	1	2.09E-02	0.00E+00	1
210	210	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
210	210	0	71432	Benzene	1	3.50E-01	3.08E-05	1
210	210	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
210	210	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
210	210	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
210	210	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
210	210	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
210	210	0	108883	Toluene	1	3.13E-01	2.76E-05	1
210	210	0	110543	Hexane	1	0.00E+00	1.76E-07	1
210	210	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
210	210	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
210	210	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
210	210	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
210	210	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
210	210	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
210	210	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
210	210	0	7440508	Copper	1	0.00E+00	2.68E-08	1
210	210	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
210	210	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
210	210	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
210	210	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
210	210	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
211	211	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
211	211	0	9901	DPM	1	3.78E-02	0.00E+00	1
211	211	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
211	211	0	71432	Benzene	1	6.63E-01	6.15E-05	1
211	211	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
211	211	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
211	211	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
211	211	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
211	211	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
211	211	0	108883	Toluene	1	5.94E-01	5.51E-05	1
211	211	0	110543	Hexane	1	0.00E+00	3.52E-07	1
211	211	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
211	211	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
211	211	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
211	211	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
211	211	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
211	211	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
211	211	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
211	211	0	7440508	Copper	1	0.00E+00	5.36E-08	1
211	211	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
211	211	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
211	211	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
211	211	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
211	211	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
212	212	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
212	212	0	9901	DPM	1	3.78E-02	0.00E+00	1
212	212	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
212	212	0	71432	Benzene	1	7.08E-01	6.15E-05	1
212	212	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
212	212	0	91203	PAHs[Napth]	1	2.92E-03	2.57E-07	1
212	212	0	100414	Ethylbenzene	1	1.42E-01	1.23E-05	1
212	212	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
212	212	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
212	212	0	108883	Toluene	1	6.35E-01	5.51E-05	1
212	212	0	110543	Hexane	1	0.00E+00	3.52E-07	1
212	212	0	1330207	Xylenes	1	4.39E-01	3.81E-05	1
212	212	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
212	212	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
212	212	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
212	212	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
212	212	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
212	212	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
212	212	0	7440508	Copper	1	0.00E+00	5.36E-08	1
212	212	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
212	212	0	7664417	Ammonia	1	1.22E-03	2.53E-04	1
212	212	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
212	212	0	7783064	Hydrogensulfide	1	2.67E-03	2.33E-07	1
212	212	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
213	213	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
213	213	0	9901	DPM	1	5.47E-02	0.00E+00	1
213	213	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
213	213	0	71432	Benzene	1	1.05E+00	9.23E-05	1
213	213	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
213	213	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
213	213	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
213	213	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
213	213	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
213	213	0	108883	Toluene	1	9.40E-01	8.27E-05	1
213	213	0	110543	Hexane	1	0.00E+00	5.27E-07	1
213	213	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
213	213	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
213	213	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
213	213	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
213	213	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
213	213	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
213	213	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
213	213	0	7440508	Copper	1	0.00E+00	8.04E-08	1
213	213	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
213	213	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
213	213	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
213	213	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
213	213	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
214	214	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
214	214	0	9901	DPM	1	3.93E-03	0.00E+00	1
214	214	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
214	214	0	71432	Benzene	1	2.26E-02	2.58E-06	1
214	214	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
214	214	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
214	214	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
214	214	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
214	214	0	107028	Acrolein	1	0.00E+00	4.58E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
214	214	0	108883	Toluene	1	2.03E-02	2.32E-06	1
214	214	0	110543	Hexane	1	0.00E+00	3.63E-09	1
214	214	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
214	214	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
214	214	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
214	214	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
214	214	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
214	214	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
214	214	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
214	214	0	7440508	Copper	1	0.00E+00	5.54E-10	1
214	214	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
214	214	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
214	214	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
214	214	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
214	214	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
215	215	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
215	215	0	9901	DPM	1	2.09E-02	0.00E+00	1
215	215	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
215	215	0	71432	Benzene	1	3.50E-01	3.08E-05	1
215	215	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
215	215	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
215	215	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
215	215	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
215	215	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
215	215	0	108883	Toluene	1	3.13E-01	2.76E-05	1
215	215	0	110543	Hexane	1	0.00E+00	1.76E-07	1
215	215	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
215	215	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
215	215	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
215	215	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
215	215	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
215	215	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
215	215	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
215	215	0	7440508	Copper	1	0.00E+00	2.68E-08	1
215	215	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
215	215	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
215	215	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
215	215	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
215	215	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
216	216	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
216	216	0	9901	DPM	1	2.09E-02	0.00E+00	1
216	216	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
216	216	0	71432	Benzene	1	3.72E-01	3.08E-05	1
216	216	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
216	216	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
216	216	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
216	216	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
216	216	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
216	216	0	108883	Toluene	1	3.34E-01	2.76E-05	1
216	216	0	110543	Hexane	1	0.00E+00	1.76E-07	1
216	216	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
216	216	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
216	216	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
216	216	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
216	216	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
216	216	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
216	216	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
216	216	0	7440508	Copper	1	0.00E+00	2.68E-08	1
216	216	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
216	216	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
216	216	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
216	216	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
216	216	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
217	217	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
217	217	0	9901	DPM	1	2.09E-02	0.00E+00	1
217	217	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
217	217	0	71432	Benzene	1	3.50E-01	3.08E-05	1
217	217	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
217	217	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
217	217	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
217	217	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
217	217	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
217	217	0	108883	Toluene	1	3.13E-01	2.76E-05	1
217	217	0	110543	Hexane	1	0.00E+00	1.76E-07	1
217	217	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
217	217	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
217	217	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
217	217	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
217	217	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
217	217	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
217	217	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
217	217	0	7440508	Copper	1	0.00E+00	2.68E-08	1
217	217	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
217	217	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
217	217	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
217	217	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
217	217	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
218	218	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
218	218	0	9901	DPM	1	2.08E-02	0.00E+00	1
218	218	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
218	218	0	71432	Benzene	1	3.50E-01	3.08E-05	1
218	218	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
218	218	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
218	218	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
218	218	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
218	218	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
218	218	0	108883	Toluene	1	3.13E-01	2.76E-05	1
218	218	0	110543	Hexane	1	0.00E+00	1.76E-07	1
218	218	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
218	218	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
218	218	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
218	218	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
218	218	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
218	218	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
218	218	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
218	218	0	7440508	Copper	1	0.00E+00	2.68E-08	1
218	218	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
218	218	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
218	218	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
218	218	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
218	218	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
219	219	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
219	219	0	9901	DPM	1	2.09E-02	0.00E+00	1
219	219	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
219	219	0	71432	Benzene	1	3.95E-01	3.08E-05	1
219	219	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
219	219	0	91203	PAHs[Napth]	1	1.62E-03	1.29E-07	1
219	219	0	100414	Ethylbenzene	1	7.89E-02	6.14E-06	1
219	219	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
219	219	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
219	219	0	108883	Toluene	1	3.54E-01	2.76E-05	1
219	219	0	110543	Hexane	1	0.00E+00	1.76E-07	1
219	219	0	1330207	Xylenes	1	2.45E-01	1.91E-05	1
219	219	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
219	219	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
219	219	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
219	219	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
219	219	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
219	219	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
219	219	0	7440508	Copper	1	0.00E+00	2.68E-08	1
219	219	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
219	219	0	7664417	Ammonia	1	6.76E-04	1.26E-04	1
219	219	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
219	219	0	7783064	Hydrogensulfide	1	1.49E-03	1.17E-07	1
219	219	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
220	220	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
220	220	0	9901	DPM	1	3.93E-03	0.00E+00	1
220	220	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
220	220	0	71432	Benzene	1	2.26E-02	2.58E-06	1
220	220	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
220	220	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
220	220	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
220	220	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
220	220	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
220	220	0	108883	Toluene	1	2.03E-02	2.32E-06	1
220	220	0	110543	Hexane	1	0.00E+00	3.63E-09	1
220	220	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
220	220	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
220	220	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
220	220	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
220	220	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
220	220	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
220	220	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
220	220	0	7440508	Copper	1	0.00E+00	5.54E-10	1
220	220	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
220	220	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
220	220	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
220	220	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
220	220	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
221	221	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
221	221	0	9901	DPM	1	2.09E-02	0.00E+00	1
221	221	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
221	221	0	71432	Benzene	1	3.50E-01	3.08E-05	1
221	221	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
221	221	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
221	221	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
221	221	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
221	221	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
221	221	0	108883	Toluene	1	3.13E-01	2.76E-05	1
221	221	0	110543	Hexane	1	0.00E+00	1.76E-07	1
221	221	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
221	221	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
221	221	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
221	221	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
221	221	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
221	221	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
221	221	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
221	221	0	7440508	Copper	1	0.00E+00	2.68E-08	1
221	221	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
221	221	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
221	221	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
221	221	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
221	221	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
222	222	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
222	222	0	9901	DPM	1	2.09E-02	0.00E+00	1
222	222	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
222	222	0	71432	Benzene	1	3.50E-01	3.08E-05	1
222	222	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
222	222	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
222	222	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
222	222	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
222	222	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
222	222	0	108883	Toluene	1	3.13E-01	2.76E-05	1
222	222	0	110543	Hexane	1	0.00E+00	1.76E-07	1
222	222	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
222	222	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
222	222	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
222	222	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
222	222	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
222	222	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
222	222	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
222	222	0	7440508	Copper	1	0.00E+00	2.68E-08	1
222	222	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
222	222	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
222	222	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
222	222	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
222	222	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
223	223	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
223	223	0	9901	DPM	1	2.09E-02	0.00E+00	1
223	223	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
223	223	0	71432	Benzene	1	3.36E-01	3.08E-05	1
223	223	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
223	223	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
223	223	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
223	223	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
223	223	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
223	223	0	108883	Toluene	1	3.01E-01	2.76E-05	1
223	223	0	110543	Hexane	1	0.00E+00	1.76E-07	1
223	223	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
223	223	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
223	223	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
223	223	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
223	223	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
223	223	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
223	223	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
223	223	0	7440508	Copper	1	0.00E+00	2.68E-08	1
223	223	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
223	223	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
223	223	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
223	223	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
223	223	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
224	224	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
224	224	0	9901	DPM	1	3.93E-03	0.00E+00	1
224	224	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
224	224	0	71432	Benzene	1	2.26E-02	2.58E-06	1
224	224	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
224	224	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
224	224	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
224	224	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
224	224	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
224	224	0	108883	Toluene	1	2.03E-02	2.32E-06	1
224	224	0	110543	Hexane	1	0.00E+00	3.63E-09	1
224	224	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
224	224	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
224	224	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
224	224	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
224	224	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
224	224	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
224	224	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
224	224	0	7440508	Copper	1	0.00E+00	5.54E-10	1
224	224	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
224	224	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
224	224	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
224	224	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
224	224	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
225	225	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
225	225	0	9901	DPM	1	3.78E-02	0.00E+00	1
225	225	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
225	225	0	71432	Benzene	1	6.27E-01	6.15E-05	1
225	225	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
225	225	0	91203	PAHs[Napth]	1	2.59E-03	2.57E-07	1
225	225	0	100414	Ethylbenzene	1	1.25E-01	1.23E-05	1
225	225	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
225	225	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
225	225	0	108883	Toluene	1	5.62E-01	5.51E-05	1
225	225	0	110543	Hexane	1	0.00E+00	3.52E-07	1
225	225	0	1330207	Xylenes	1	3.89E-01	3.81E-05	1
225	225	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
225	225	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
225	225	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
225	225	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
225	225	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
225	225	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
225	225	0	7440508	Copper	1	0.00E+00	5.36E-08	1
225	225	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
225	225	0	7664417	Ammonia	1	1.08E-03	2.53E-04	1
225	225	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
225	225	0	7783064	Hydrogensulfide	1	2.38E-03	2.33E-07	1
225	225	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
226	226	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
226	226	0	9901	DPM	1	2.09E-02	0.00E+00	1
226	226	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
226	226	0	71432	Benzene	1	3.50E-01	3.08E-05	1
226	226	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
226	226	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
226	226	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
226	226	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
226	226	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
226	226	0	108883	Toluene	1	3.13E-01	2.76E-05	1
226	226	0	110543	Hexane	1	0.00E+00	1.76E-07	1
226	226	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
226	226	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
226	226	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
226	226	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
226	226	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
226	226	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
226	226	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
226	226	0	7440508	Copper	1	0.00E+00	2.68E-08	1
226	226	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
226	226	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
226	226	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
226	226	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
226	226	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
227	227	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
227	227	0	9901	DPM	1	2.09E-02	0.00E+00	1
227	227	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
227	227	0	71432	Benzene	1	3.14E-01	3.08E-05	1
227	227	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
227	227	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
227	227	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
227	227	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
227	227	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
227	227	0	108883	Toluene	1	2.81E-01	2.76E-05	1
227	227	0	110543	Hexane	1	0.00E+00	1.76E-07	1
227	227	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
227	227	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
227	227	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
227	227	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
227	227	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
227	227	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
227	227	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
227	227	0	7440508	Copper	1	0.00E+00	2.68E-08	1
227	227	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
227	227	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
227	227	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
227	227	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
227	227	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
228	228	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
228	228	0	9901	DPM	1	3.78E-02	0.00E+00	1
228	228	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
228	228	0	71432	Benzene	1	6.63E-01	6.15E-05	1
228	228	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
228	228	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
228	228	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
228	228	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
228	228	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
228	228	0	108883	Toluene	1	5.94E-01	5.51E-05	1
228	228	0	110543	Hexane	1	0.00E+00	3.52E-07	1
228	228	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
228	228	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
228	228	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
228	228	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
228	228	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
228	228	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
228	228	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
228	228	0	7440508	Copper	1	0.00E+00	5.36E-08	1
228	228	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
228	228	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
228	228	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
228	228	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
228	228	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
229	229	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
229	229	0	9901	DPM	1	3.93E-03	0.00E+00	1
229	229	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
229	229	0	71432	Benzene	1	2.26E-02	2.58E-06	1
229	229	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
229	229	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
229	229	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
229	229	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
229	229	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
229	229	0	108883	Toluene	1	2.03E-02	2.32E-06	1
229	229	0	110543	Hexane	1	0.00E+00	3.63E-09	1
229	229	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
229	229	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
229	229	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
229	229	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
229	229	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
229	229	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
229	229	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
229	229	0	7440508	Copper	1	0.00E+00	5.54E-10	1
229	229	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
229	229	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
229	229	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
229	229	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
229	229	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
230	230	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
230	230	0	9901	DPM	1	3.93E-03	0.00E+00	1
230	230	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
230	230	0	71432	Benzene	1	4.53E-02	5.17E-06	1
230	230	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
230	230	0	91203	PAHs[Napth]	1	1.87E-04	2.14E-08	1
230	230	0	100414	Ethylbenzene	1	9.06E-03	1.03E-06	1
230	230	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
230	230	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
230	230	0	108883	Toluene	1	4.06E-02	4.63E-06	1
230	230	0	110543	Hexane	1	0.00E+00	3.63E-09	1
230	230	0	1330207	Xylenes	1	2.81E-02	3.21E-06	1
230	230	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
230	230	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
230	230	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
230	230	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
230	230	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
230	230	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
230	230	0	7440508	Copper	1	0.00E+00	5.54E-10	1
230	230	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
230	230	0	7664417	Ammonia	1	7.81E-05	3.92E-06	1
230	230	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
230	230	0	7783064	Hydrogensulfide	1	1.72E-04	1.96E-08	1
230	230	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
231	231	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
231	231	0	9901	DPM	1	2.09E-02	0.00E+00	1
231	231	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
231	231	0	71432	Benzene	1	3.50E-01	3.08E-05	1
231	231	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
231	231	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
231	231	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
231	231	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
231	231	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
231	231	0	108883	Toluene	1	3.13E-01	2.76E-05	1
231	231	0	110543	Hexane	1	0.00E+00	1.76E-07	1
231	231	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
231	231	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
231	231	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
231	231	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
231	231	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
231	231	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
231	231	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
231	231	0	7440508	Copper	1	0.00E+00	2.68E-08	1
231	231	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
231	231	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
231	231	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
231	231	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
231	231	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
232	232	0	1151	PAHs[Napth]	1	0.00E+00	2.19E-06	1
232	232	0	9901	DPM	1	1.05E-01	0.00E+00	1
232	232	0	50000	Formaldehyde	1	0.00E+00	6.77E-05	1
232	232	0	71432	Benzene	1	2.06E+00	1.85E-04	1
232	232	0	75070	Acetaldehyde	1	0.00E+00	3.07E-05	1
232	232	0	91203	PAHs[Napth]	1	8.46E-03	7.72E-07	1
232	232	0	100414	Ethylbenzene	1	4.12E-01	3.69E-05	1
232	232	0	106990	Butadiene[13]	1	0.00E+00	8.52E-06	1
232	232	0	107028	Acrolein	1	0.00E+00	1.33E-06	1
232	232	0	108883	Toluene	1	1.85E+00	1.65E-04	1
232	232	0	110543	Hexane	1	0.00E+00	1.05E-06	1
232	232	0	1330207	Xylenes	1	1.28E+00	1.14E-04	1
232	232	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	3.25E-07	1
232	232	0	7439965	Manganese	1	0.00E+00	1.22E-07	1
232	232	0	7439976	Mercury	1	0.00E+00	7.84E-08	1
232	232	0	7440020	Nickel	1	0.00E+00	1.53E-07	1
232	232	0	7440382	Arsenic	1	0.00E+00	6.27E-08	1
232	232	0	7440439	Cadmium	1	0.00E+00	5.88E-08	1
232	232	0	7440508	Copper	1	0.00E+00	1.61E-07	1
232	232	0	7647010	Hydrochloricacid	1	0.00E+00	7.30E-06	1
232	232	0	7664417	Ammonia	1	3.53E-03	7.58E-04	1
232	232	0	7782492	Selenium	1	0.00E+00	8.63E-08	1
232	232	0	7783064	Hydrogensulfide	1	7.76E-03	6.99E-07	1
232	232	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.92E-09	1
233	233	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
233	233	0	9901	DPM	1	7.16E-02	0.00E+00	1
233	233	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
233	233	0	71432	Benzene	1	1.35E+00	1.23E-04	1
233	233	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
233	233	0	91203	PAHs[Napth]	1	5.55E-03	5.15E-07	1
233	233	0	100414	Ethylbenzene	1	2.69E-01	2.46E-05	1
233	233	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
233	233	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
233	233	0	108883	Toluene	1	1.21E+00	1.10E-04	1
233	233	0	110543	Hexane	1	0.00E+00	7.03E-07	1
233	233	0	1330207	Xylenes	1	8.36E-01	7.63E-05	1
233	233	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
233	233	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
233	233	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
233	233	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
233	233	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
233	233	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
233	233	0	7440508	Copper	1	0.00E+00	1.07E-07	1
233	233	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
233	233	0	7664417	Ammonia	1	2.32E-03	5.05E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
233	233	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
233	233	0	7783064	Hydrogensulfide	1	5.09E-03	4.66E-07	1
233	233	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
234	234	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
234	234	0	9901	DPM	1	3.78E-02	0.00E+00	1
234	234	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
234	234	0	71432	Benzene	1	7.22E-01	6.15E-05	1
234	234	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
234	234	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
234	234	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
234	234	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
234	234	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
234	234	0	108883	Toluene	1	6.47E-01	5.51E-05	1
234	234	0	110543	Hexane	1	0.00E+00	3.52E-07	1
234	234	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
234	234	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
234	234	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
234	234	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
234	234	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
234	234	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
234	234	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
234	234	0	7440508	Copper	1	0.00E+00	5.36E-08	1
234	234	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
234	234	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1
234	234	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
234	234	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
234	234	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
235	235	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
235	235	0	9901	DPM	1	2.08E-02	0.00E+00	1
235	235	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
235	235	0	71432	Benzene	1	3.50E-01	3.08E-05	1
235	235	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
235	235	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
235	235	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
235	235	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
235	235	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
235	235	0	108883	Toluene	1	3.13E-01	2.76E-05	1
235	235	0	110543	Hexane	1	0.00E+00	1.76E-07	1
235	235	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
235	235	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
235	235	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
235	235	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
235	235	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
235	235	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
235	235	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
235	235	0	7440508	Copper	1	0.00E+00	2.68E-08	1
235	235	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
235	235	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
235	235	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
235	235	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
235	235	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
236	236	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
236	236	0	9901	DPM	1	2.09E-02	0.00E+00	1
236	236	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
236	236	0	71432	Benzene	1	3.50E-01	3.08E-05	1
236	236	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
236	236	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
236	236	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
236	236	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
236	236	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
236	236	0	108883	Toluene	1	3.13E-01	2.76E-05	1
236	236	0	110543	Hexane	1	0.00E+00	1.76E-07	1
236	236	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
236	236	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
236	236	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
236	236	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
236	236	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
236	236	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
236	236	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
236	236	0	7440508	Copper	1	0.00E+00	2.68E-08	1
236	236	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
236	236	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
236	236	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
236	236	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
236	236	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
237	237	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
237	237	0	9901	DPM	1	2.09E-02	0.00E+00	1
237	237	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
237	237	0	71432	Benzene	1	3.50E-01	3.08E-05	1
237	237	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
237	237	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
237	237	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
237	237	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
237	237	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
237	237	0	108883	Toluene	1	3.13E-01	2.76E-05	1
237	237	0	110543	Hexane	1	0.00E+00	1.76E-07	1
237	237	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
237	237	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
237	237	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
237	237	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
237	237	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
237	237	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
237	237	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
237	237	0	7440508	Copper	1	0.00E+00	2.68E-08	1
237	237	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
237	237	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
237	237	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
237	237	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
237	237	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
238	238	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
238	238	0	9901	DPM	1	2.09E-02	0.00E+00	1
238	238	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
238	238	0	71432	Benzene	1	3.72E-01	3.08E-05	1
238	238	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
238	238	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
238	238	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
238	238	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
238	238	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
238	238	0	108883	Toluene	1	3.34E-01	2.76E-05	1
238	238	0	110543	Hexane	1	0.00E+00	1.76E-07	1
238	238	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
238	238	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
238	238	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
238	238	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
238	238	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
238	238	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
238	238	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
238	238	0	7440508	Copper	1	0.00E+00	2.68E-08	1
238	238	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
238	238	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
238	238	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
238	238	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
238	238	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
239	239	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
239	239	0	9901	DPM	1	2.09E-02	0.00E+00	1
239	239	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
239	239	0	71432	Benzene	1	3.14E-01	3.08E-05	1
239	239	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
239	239	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
239	239	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
239	239	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
239	239	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
239	239	0	108883	Toluene	1	2.81E-01	2.76E-05	1
239	239	0	110543	Hexane	1	0.00E+00	1.76E-07	1
239	239	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
239	239	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
239	239	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
239	239	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
239	239	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
239	239	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
239	239	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
239	239	0	7440508	Copper	1	0.00E+00	2.68E-08	1
239	239	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
239	239	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
239	239	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
239	239	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
239	239	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
240	240	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
240	240	0	9901	DPM	1	2.09E-02	0.00E+00	1
240	240	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
240	240	0	71432	Benzene	1	3.36E-01	3.08E-05	1
240	240	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
240	240	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
240	240	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
240	240	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
240	240	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
240	240	0	108883	Toluene	1	3.01E-01	2.76E-05	1
240	240	0	110543	Hexane	1	0.00E+00	1.76E-07	1
240	240	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
240	240	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
240	240	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
240	240	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
240	240	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
240	240	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
240	240	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
240	240	0	7440508	Copper	1	0.00E+00	2.68E-08	1
240	240	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
240	240	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
240	240	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
240	240	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
240	240	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
241	241	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
241	241	0	9901	DPM	1	2.09E-02	0.00E+00	1
241	241	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
241	241	0	71432	Benzene	1	3.50E-01	3.08E-05	1
241	241	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
241	241	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
241	241	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
241	241	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
241	241	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
241	241	0	108883	Toluene	1	3.13E-01	2.76E-05	1
241	241	0	110543	Hexane	1	0.00E+00	1.76E-07	1
241	241	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
241	241	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
241	241	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
241	241	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
241	241	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
241	241	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
241	241	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
241	241	0	7440508	Copper	1	0.00E+00	2.68E-08	1
241	241	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
241	241	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
241	241	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
241	241	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
241	241	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
242	242	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
242	242	0	9901	DPM	1	8.85E-02	0.00E+00	1
242	242	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
242	242	0	71432	Benzene	1	1.76E+00	1.54E-04	1
242	242	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
242	242	0	91203	PAHs[Napth]	1	7.22E-03	6.44E-07	1
242	242	0	100414	Ethylbenzene	1	3.51E-01	3.07E-05	1
242	242	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
242	242	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
242	242	0	108883	Toluene	1	1.57E+00	1.38E-04	1
242	242	0	110543	Hexane	1	0.00E+00	8.79E-07	1
242	242	0	1330207	Xylenes	1	1.09E+00	9.53E-05	1
242	242	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
242	242	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
242	242	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
242	242	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
242	242	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
242	242	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
242	242	0	7440508	Copper	1	0.00E+00	1.34E-07	1
242	242	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
242	242	0	7664417	Ammonia	1	3.01E-03	6.32E-04	1
242	242	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
242	242	0	7783064	Hydrogensulfide	1	6.62E-03	5.83E-07	1
242	242	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
243	243	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1
243	243	0	9901	DPM	1	3.94E-03	0.00E+00	1
243	243	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
243	243	0	71432	Benzene	1	6.79E-02	7.75E-06	1
243	243	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
243	243	0	91203	PAHs[Napth]	1	2.81E-04	3.21E-08	1
243	243	0	100414	Ethylbenzene	1	1.36E-02	1.55E-06	1
243	243	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
243	243	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
243	243	0	108883	Toluene	1	6.09E-02	6.95E-06	1
243	243	0	110543	Hexane	1	0.00E+00	3.64E-09	1
243	243	0	1330207	Xylenes	1	4.22E-02	4.81E-06	1
243	243	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
243	243	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
243	243	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
243	243	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
243	243	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
243	243	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
243	243	0	7440508	Copper	1	0.00E+00	5.55E-10	1
243	243	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
243	243	0	7664417	Ammonia	1	1.17E-04	3.93E-06	1
243	243	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
243	243	0	7783064	Hydrogensulfide	1	2.58E-04	2.94E-08	1
243	243	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
244	244	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
244	244	0	9901	DPM	1	2.09E-02	0.00E+00	1
244	244	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
244	244	0	71432	Benzene	1	3.50E-01	3.08E-05	1
244	244	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
244	244	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
244	244	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
244	244	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
244	244	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
244	244	0	108883	Toluene	1	3.13E-01	2.76E-05	1
244	244	0	110543	Hexane	1	0.00E+00	1.76E-07	1
244	244	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
244	244	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
244	244	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
244	244	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
244	244	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
244	244	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
244	244	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
244	244	0	7440508	Copper	1	0.00E+00	2.68E-08	1
244	244	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
244	244	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
244	244	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
244	244	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
244	244	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
245	245	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
245	245	0	9901	DPM	1	2.09E-02	0.00E+00	1
245	245	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
245	245	0	71432	Benzene	1	3.50E-01	3.08E-05	1
245	245	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
245	245	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
245	245	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
245	245	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
245	245	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
245	245	0	108883	Toluene	1	3.13E-01	2.76E-05	1
245	245	0	110543	Hexane	1	0.00E+00	1.76E-07	1
245	245	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
245	245	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
245	245	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
245	245	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
245	245	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
245	245	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
245	245	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
245	245	0	7440508	Copper	1	0.00E+00	2.68E-08	1
245	245	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
245	245	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
245	245	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
245	245	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
245	245	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
246	246	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
246	246	0	9901	DPM	1	3.78E-02	0.00E+00	1
246	246	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
246	246	0	71432	Benzene	1	6.86E-01	6.15E-05	1
246	246	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
246	246	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
246	246	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
246	246	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
246	246	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
246	246	0	108883	Toluene	1	6.15E-01	5.51E-05	1
246	246	0	110543	Hexane	1	0.00E+00	3.52E-07	1
246	246	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
246	246	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
246	246	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
246	246	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
246	246	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
246	246	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
246	246	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
246	246	0	7440508	Copper	1	0.00E+00	5.36E-08	1
246	246	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
246	246	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
246	246	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
246	246	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
246	246	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
247	247	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
247	247	0	9901	DPM	1	2.09E-02	0.00E+00	1
247	247	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
247	247	0	71432	Benzene	1	3.14E-01	3.08E-05	1
247	247	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
247	247	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
247	247	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
247	247	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
247	247	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
247	247	0	108883	Toluene	1	2.81E-01	2.76E-05	1
247	247	0	110543	Hexane	1	0.00E+00	1.76E-07	1
247	247	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
247	247	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
247	247	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
247	247	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
247	247	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
247	247	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
247	247	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
247	247	0	7440508	Copper	1	0.00E+00	2.68E-08	1
247	247	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
247	247	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
247	247	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
247	247	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
247	247	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
248	248	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
248	248	0	9901	DPM	1	2.09E-02	0.00E+00	1
248	248	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
248	248	0	71432	Benzene	1	3.72E-01	3.08E-05	1
248	248	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
248	248	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
248	248	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
248	248	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
248	248	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
248	248	0	108883	Toluene	1	3.34E-01	2.76E-05	1
248	248	0	110543	Hexane	1	0.00E+00	1.76E-07	1
248	248	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
248	248	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
248	248	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
248	248	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
248	248	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
248	248	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
248	248	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
248	248	0	7440508	Copper	1	0.00E+00	2.68E-08	1
248	248	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
248	248	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
248	248	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
248	248	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
248	248	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
249	249	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
249	249	0	9901	DPM	1	2.09E-02	0.00E+00	1
249	249	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
249	249	0	71432	Benzene	1	3.14E-01	3.08E-05	1
249	249	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
249	249	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
249	249	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
249	249	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
249	249	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
249	249	0	108883	Toluene	1	2.81E-01	2.76E-05	1
249	249	0	110543	Hexane	1	0.00E+00	1.76E-07	1
249	249	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
249	249	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
249	249	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
249	249	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
249	249	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
249	249	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
249	249	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
249	249	0	7440508	Copper	1	0.00E+00	2.68E-08	1
249	249	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
249	249	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
249	249	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
249	249	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
249	249	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
250	250	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
250	250	0	9901	DPM	1	2.09E-02	0.00E+00	1
250	250	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
250	250	0	71432	Benzene	1	3.72E-01	3.08E-05	1
250	250	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
250	250	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
250	250	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
250	250	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
250	250	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
250	250	0	108883	Toluene	1	3.34E-01	2.76E-05	1
250	250	0	110543	Hexane	1	0.00E+00	1.76E-07	1
250	250	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
250	250	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
250	250	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
250	250	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
250	250	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
250	250	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
250	250	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
250	250	0	7440508	Copper	1	0.00E+00	2.68E-08	1
250	250	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
250	250	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
250	250	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
250	250	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
250	250	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
251	251	0	1151	PAHs[Napth]	1	0.00E+00	7.58E-09	1
251	251	0	9901	DPM	1	3.95E-03	0.00E+00	1
251	251	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
251	251	0	71432	Benzene	1	2.26E-02	2.58E-06	1
251	251	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
251	251	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
251	251	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
251	251	0	106990	Butadiene[13]	1	0.00E+00	2.95E-08	1
251	251	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
251	251	0	108883	Toluene	1	2.03E-02	2.32E-06	1
251	251	0	110543	Hexane	1	0.00E+00	3.65E-09	1
251	251	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
251	251	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.13E-09	1
251	251	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
251	251	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
251	251	0	7440020	Nickel	1	0.00E+00	5.29E-10	1
251	251	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
251	251	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
251	251	0	7440508	Copper	1	0.00E+00	5.56E-10	1
251	251	0	7647010	Hydrochloricacid	1	0.00E+00	2.53E-08	1
251	251	0	7664417	Ammonia	1	3.90E-05	3.93E-06	1
251	251	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
251	251	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
251	251	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.36E-11	1
252	252	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
252	252	0	9901	DPM	1	2.09E-02	0.00E+00	1
252	252	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
252	252	0	71432	Benzene	1	3.50E-01	3.08E-05	1
252	252	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
252	252	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
252	252	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
252	252	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
252	252	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
252	252	0	108883	Toluene	1	3.13E-01	2.76E-05	1
252	252	0	110543	Hexane	1	0.00E+00	1.76E-07	1
252	252	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
252	252	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
252	252	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
252	252	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
252	252	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
252	252	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
252	252	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
252	252	0	7440508	Copper	1	0.00E+00	2.68E-08	1
252	252	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
252	252	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
252	252	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
252	252	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
252	252	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
253	253	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
253	253	0	9901	DPM	1	3.78E-02	0.00E+00	1
253	253	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
253	253	0	71432	Benzene	1	6.63E-01	6.15E-05	1
253	253	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
253	253	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
253	253	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
253	253	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
253	253	0	107028	Acrolein	1	0.00E+00	4.43E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
253	253	0	108883	Toluene	1	5.94E-01	5.51E-05	1
253	253	0	110543	Hexane	1	0.00E+00	3.52E-07	1
253	253	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
253	253	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
253	253	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
253	253	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
253	253	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
253	253	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
253	253	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
253	253	0	7440508	Copper	1	0.00E+00	5.36E-08	1
253	253	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
253	253	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
253	253	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
253	253	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
253	253	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
254	254	0	1151	PAHs[Napth]	1	0.00E+00	7.56E-09	1
254	254	0	9901	DPM	1	3.94E-03	0.00E+00	1
254	254	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
254	254	0	71432	Benzene	1	2.26E-02	2.58E-06	1
254	254	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
254	254	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
254	254	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
254	254	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
254	254	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
254	254	0	108883	Toluene	1	2.03E-02	2.32E-06	1
254	254	0	110543	Hexane	1	0.00E+00	3.64E-09	1
254	254	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
254	254	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
254	254	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
254	254	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
254	254	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
254	254	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
254	254	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
254	254	0	7440508	Copper	1	0.00E+00	5.55E-10	1
254	254	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
254	254	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
254	254	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
254	254	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
254	254	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
255	255	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
255	255	0	9901	DPM	1	3.78E-02	0.00E+00	1
255	255	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
255	255	0	71432	Benzene	1	6.99E-01	6.15E-05	1
255	255	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
255	255	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
255	255	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
255	255	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
255	255	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
255	255	0	108883	Toluene	1	6.27E-01	5.51E-05	1
255	255	0	110543	Hexane	1	0.00E+00	3.52E-07	1
255	255	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
255	255	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
255	255	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
255	255	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
255	255	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
255	255	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
255	255	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
255	255	0	7440508	Copper	1	0.00E+00	5.36E-08	1
255	255	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
255	255	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
255	255	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
255	255	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
255	255	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
256	256	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
256	256	0	9901	DPM	1	2.09E-02	0.00E+00	1
256	256	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
256	256	0	71432	Benzene	1	3.50E-01	3.08E-05	1
256	256	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
256	256	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
256	256	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
256	256	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
256	256	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
256	256	0	108883	Toluene	1	3.13E-01	2.76E-05	1
256	256	0	110543	Hexane	1	0.00E+00	1.76E-07	1
256	256	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
256	256	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
256	256	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
256	256	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
256	256	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
256	256	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
256	256	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
256	256	0	7440508	Copper	1	0.00E+00	2.68E-08	1
256	256	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
256	256	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
256	256	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
256	256	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
256	256	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
257	257	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
257	257	0	9901	DPM	1	5.47E-02	0.00E+00	1
257	257	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
257	257	0	71432	Benzene	1	1.04E+00	9.23E-05	1
257	257	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
257	257	0	91203	PAHs[Napth]	1	4.26E-03	3.86E-07	1
257	257	0	100414	Ethylbenzene	1	2.07E-01	1.84E-05	1
257	257	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
257	257	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
257	257	0	108883	Toluene	1	9.28E-01	8.27E-05	1
257	257	0	110543	Hexane	1	0.00E+00	5.27E-07	1
257	257	0	1330207	Xylenes	1	6.42E-01	5.72E-05	1
257	257	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
257	257	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
257	257	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
257	257	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
257	257	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
257	257	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
257	257	0	7440508	Copper	1	0.00E+00	8.04E-08	1
257	257	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
257	257	0	7664417	Ammonia	1	1.78E-03	3.79E-04	1
257	257	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
257	257	0	7783064	Hydrogensulfide	1	3.90E-03	3.50E-07	1
257	257	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
258	258	0	1151	PAHs[Napth]	1	0.00E+00	7.58E-09	1
258	258	0	9901	DPM	1	3.95E-03	0.00E+00	1
258	258	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
258	258	0	71432	Benzene	1	2.26E-02	2.58E-06	1
258	258	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
258	258	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
258	258	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
258	258	0	106990	Butadiene[13]	1	0.00E+00	2.95E-08	1
258	258	0	107028	Acrolein	1	0.00E+00	4.60E-09	1
258	258	0	108883	Toluene	1	2.03E-02	2.32E-06	1
258	258	0	110543	Hexane	1	0.00E+00	3.65E-09	1
258	258	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
258	258	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.13E-09	1
258	258	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
258	258	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
258	258	0	7440020	Nickel	1	0.00E+00	5.29E-10	1
258	258	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
258	258	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
258	258	0	7440508	Copper	1	0.00E+00	5.56E-10	1
258	258	0	7647010	Hydrochloricacid	1	0.00E+00	2.53E-08	1
258	258	0	7664417	Ammonia	1	3.90E-05	3.93E-06	1
258	258	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
258	258	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
258	258	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.36E-11	1
259	259	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
259	259	0	9901	DPM	1	2.09E-02	0.00E+00	1
259	259	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
259	259	0	71432	Benzene	1	3.50E-01	3.08E-05	1
259	259	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
259	259	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
259	259	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
259	259	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
259	259	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
259	259	0	108883	Toluene	1	3.13E-01	2.76E-05	1
259	259	0	110543	Hexane	1	0.00E+00	1.76E-07	1
259	259	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
259	259	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
259	259	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
259	259	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
259	259	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
259	259	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
259	259	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
259	259	0	7440508	Copper	1	0.00E+00	2.68E-08	1
259	259	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
259	259	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
259	259	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
259	259	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
259	259	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
260	260	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
260	260	0	9901	DPM	1	2.09E-02	0.00E+00	1
260	260	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
260	260	0	71432	Benzene	1	3.36E-01	3.08E-05	1
260	260	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
260	260	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
260	260	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
260	260	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
260	260	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
260	260	0	108883	Toluene	1	3.01E-01	2.76E-05	1
260	260	0	110543	Hexane	1	0.00E+00	1.76E-07	1
260	260	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
260	260	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
260	260	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
260	260	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
260	260	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
260	260	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
260	260	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
260	260	0	7440508	Copper	1	0.00E+00	2.68E-08	1
260	260	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
260	260	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
260	260	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
260	260	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
260	260	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
261	261	0	1151	PAHs[Napth]	1	0.00E+00	7.56E-09	1
261	261	0	9901	DPM	1	3.94E-03	0.00E+00	1
261	261	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
261	261	0	71432	Benzene	1	4.53E-02	5.17E-06	1
261	261	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
261	261	0	91203	PAHs[Napth]	1	1.87E-04	2.14E-08	1
261	261	0	100414	Ethylbenzene	1	9.06E-03	1.03E-06	1
261	261	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
261	261	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
261	261	0	108883	Toluene	1	4.06E-02	4.63E-06	1
261	261	0	110543	Hexane	1	0.00E+00	3.64E-09	1
261	261	0	1330207	Xylenes	1	2.81E-02	3.21E-06	1
261	261	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
261	261	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
261	261	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
261	261	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
261	261	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
261	261	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
261	261	0	7440508	Copper	1	0.00E+00	5.55E-10	1
261	261	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
261	261	0	7664417	Ammonia	1	7.81E-05	3.92E-06	1
261	261	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
261	261	0	7783064	Hydrogensulfide	1	1.72E-04	1.96E-08	1
261	261	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
262	262	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
262	262	0	9901	DPM	1	2.09E-02	0.00E+00	1
262	262	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
262	262	0	71432	Benzene	1	3.50E-01	3.08E-05	1
262	262	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
262	262	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
262	262	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
262	262	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
262	262	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
262	262	0	108883	Toluene	1	3.13E-01	2.76E-05	1
262	262	0	110543	Hexane	1	0.00E+00	1.76E-07	1
262	262	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
262	262	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
262	262	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
262	262	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
262	262	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
262	262	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
262	262	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
262	262	0	7440508	Copper	1	0.00E+00	2.68E-08	1
262	262	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
262	262	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
262	262	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
262	262	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
262	262	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
263	263	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
263	263	0	9901	DPM	1	3.78E-02	0.00E+00	1
263	263	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
263	263	0	71432	Benzene	1	6.86E-01	6.15E-05	1
263	263	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
263	263	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
263	263	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
263	263	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
263	263	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
263	263	0	108883	Toluene	1	6.15E-01	5.51E-05	1
263	263	0	110543	Hexane	1	0.00E+00	3.52E-07	1
263	263	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
263	263	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
263	263	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
263	263	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
263	263	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
263	263	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
263	263	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
263	263	0	7440508	Copper	1	0.00E+00	5.36E-08	1
263	263	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
263	263	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
263	263	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
263	263	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
263	263	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
264	264	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
264	264	0	9901	DPM	1	2.09E-02	0.00E+00	1
264	264	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
264	264	0	71432	Benzene	1	3.72E-01	3.08E-05	1
264	264	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
264	264	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
264	264	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
264	264	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
264	264	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
264	264	0	108883	Toluene	1	3.34E-01	2.76E-05	1
264	264	0	110543	Hexane	1	0.00E+00	1.76E-07	1
264	264	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
264	264	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
264	264	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
264	264	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
264	264	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
264	264	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
264	264	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
264	264	0	7440508	Copper	1	0.00E+00	2.68E-08	1
264	264	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
264	264	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
264	264	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
264	264	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
264	264	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
265	265	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
265	265	0	9901	DPM	1	3.78E-02	0.00E+00	1
265	265	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
265	265	0	71432	Benzene	1	6.63E-01	6.15E-05	1
265	265	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
265	265	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
265	265	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
265	265	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
265	265	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
265	265	0	108883	Toluene	1	5.94E-01	5.51E-05	1
265	265	0	110543	Hexane	1	0.00E+00	3.52E-07	1
265	265	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
265	265	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
265	265	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
265	265	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
265	265	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
265	265	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
265	265	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
265	265	0	7440508	Copper	1	0.00E+00	5.36E-08	1
265	265	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
265	265	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
265	265	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
265	265	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
265	265	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
266	266	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
266	266	0	9901	DPM	1	3.78E-02	0.00E+00	1
266	266	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
266	266	0	71432	Benzene	1	6.63E-01	6.15E-05	1
266	266	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
266	266	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
266	266	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
266	266	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
266	266	0	107028	Acrolein	1	0.00E+00	4.43E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
266	266	0	108883	Toluene	1	5.94E-01	5.51E-05	1
266	266	0	110543	Hexane	1	0.00E+00	3.52E-07	1
266	266	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
266	266	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
266	266	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
266	266	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
266	266	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
266	266	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
266	266	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
266	266	0	7440508	Copper	1	0.00E+00	5.36E-08	1
266	266	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
266	266	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
266	266	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
266	266	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
266	266	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
267	267	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
267	267	0	9901	DPM	1	2.09E-02	0.00E+00	1
267	267	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
267	267	0	71432	Benzene	1	3.50E-01	3.08E-05	1
267	267	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
267	267	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
267	267	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
267	267	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
267	267	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
267	267	0	108883	Toluene	1	3.13E-01	2.76E-05	1
267	267	0	110543	Hexane	1	0.00E+00	1.76E-07	1
267	267	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
267	267	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
267	267	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
267	267	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
267	267	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
267	267	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
267	267	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
267	267	0	7440508	Copper	1	0.00E+00	2.68E-08	1
267	267	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
267	267	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
267	267	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
267	267	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
267	267	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
268	268	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
268	268	0	9901	DPM	1	2.09E-02	0.00E+00	1
268	268	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
268	268	0	71432	Benzene	1	3.72E-01	3.08E-05	1
268	268	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
268	268	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
268	268	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
268	268	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
268	268	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
268	268	0	108883	Toluene	1	3.34E-01	2.76E-05	1
268	268	0	110543	Hexane	1	0.00E+00	1.76E-07	1
268	268	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
268	268	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
268	268	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
268	268	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
268	268	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
268	268	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
268	268	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
268	268	0	7440508	Copper	1	0.00E+00	2.68E-08	1
268	268	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
268	268	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
268	268	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
268	268	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
268	268	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
269	269	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
269	269	0	9901	DPM	1	2.09E-02	0.00E+00	1
269	269	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
269	269	0	71432	Benzene	1	3.50E-01	3.08E-05	1
269	269	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
269	269	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
269	269	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
269	269	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
269	269	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
269	269	0	108883	Toluene	1	3.13E-01	2.76E-05	1
269	269	0	110543	Hexane	1	0.00E+00	1.76E-07	1
269	269	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
269	269	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
269	269	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
269	269	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
269	269	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
269	269	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
269	269	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
269	269	0	7440508	Copper	1	0.00E+00	2.68E-08	1
269	269	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
269	269	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
269	269	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
269	269	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
269	269	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
270	270	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
270	270	0	9901	DPM	1	2.09E-02	0.00E+00	1
270	270	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
270	270	0	71432	Benzene	1	3.50E-01	3.08E-05	1
270	270	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
270	270	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
270	270	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
270	270	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
270	270	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
270	270	0	108883	Toluene	1	3.13E-01	2.76E-05	1
270	270	0	110543	Hexane	1	0.00E+00	1.76E-07	1
270	270	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
270	270	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
270	270	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
270	270	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
270	270	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
270	270	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
270	270	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
270	270	0	7440508	Copper	1	0.00E+00	2.68E-08	1
270	270	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
270	270	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
270	270	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
270	270	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
270	270	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
271	271	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
271	271	0	9901	DPM	1	2.09E-02	0.00E+00	1
271	271	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
271	271	0	71432	Benzene	1	3.50E-01	3.08E-05	1
271	271	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
271	271	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
271	271	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
271	271	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
271	271	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
271	271	0	108883	Toluene	1	3.13E-01	2.76E-05	1
271	271	0	110543	Hexane	1	0.00E+00	1.76E-07	1
271	271	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
271	271	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
271	271	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
271	271	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
271	271	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
271	271	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
271	271	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
271	271	0	7440508	Copper	1	0.00E+00	2.68E-08	1
271	271	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
271	271	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
271	271	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
271	271	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
271	271	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
272	272	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
272	272	0	9901	DPM	1	3.93E-03	0.00E+00	1
272	272	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
272	272	0	71432	Benzene	1	2.26E-02	2.58E-06	1
272	272	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
272	272	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
272	272	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
272	272	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
272	272	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
272	272	0	108883	Toluene	1	2.03E-02	2.32E-06	1
272	272	0	110543	Hexane	1	0.00E+00	3.63E-09	1
272	272	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
272	272	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
272	272	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
272	272	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
272	272	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
272	272	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
272	272	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
272	272	0	7440508	Copper	1	0.00E+00	5.54E-10	1
272	272	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
272	272	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
272	272	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
272	272	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
272	272	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
273	273	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
273	273	0	9901	DPM	1	2.09E-02	0.00E+00	1
273	273	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
273	273	0	71432	Benzene	1	3.14E-01	3.08E-05	1
273	273	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
273	273	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
273	273	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
273	273	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
273	273	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
273	273	0	108883	Toluene	1	2.81E-01	2.76E-05	1
273	273	0	110543	Hexane	1	0.00E+00	1.76E-07	1
273	273	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
273	273	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
273	273	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
273	273	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
273	273	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
273	273	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
273	273	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
273	273	0	7440508	Copper	1	0.00E+00	2.68E-08	1
273	273	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
273	273	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
273	273	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
273	273	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
273	273	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
274	274	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
274	274	0	9901	DPM	1	2.09E-02	0.00E+00	1
274	274	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
274	274	0	71432	Benzene	1	3.72E-01	3.08E-05	1
274	274	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
274	274	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
274	274	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
274	274	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
274	274	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
274	274	0	108883	Toluene	1	3.34E-01	2.76E-05	1
274	274	0	110543	Hexane	1	0.00E+00	1.76E-07	1
274	274	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
274	274	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
274	274	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
274	274	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
274	274	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
274	274	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
274	274	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
274	274	0	7440508	Copper	1	0.00E+00	2.68E-08	1
274	274	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
274	274	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
274	274	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
274	274	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
274	274	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
275	275	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
275	275	0	9901	DPM	1	3.78E-02	0.00E+00	1
275	275	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
275	275	0	71432	Benzene	1	6.86E-01	6.15E-05	1
275	275	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
275	275	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
275	275	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
275	275	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
275	275	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
275	275	0	108883	Toluene	1	6.15E-01	5.51E-05	1
275	275	0	110543	Hexane	1	0.00E+00	3.52E-07	1
275	275	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
275	275	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
275	275	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
275	275	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
275	275	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
275	275	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
275	275	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
275	275	0	7440508	Copper	1	0.00E+00	5.36E-08	1
275	275	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
275	275	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
275	275	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
275	275	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
275	275	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
276	276	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
276	276	0	9901	DPM	1	5.47E-02	0.00E+00	1
276	276	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
276	276	0	71432	Benzene	1	9.77E-01	9.23E-05	1
276	276	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
276	276	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
276	276	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
276	276	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
276	276	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
276	276	0	108883	Toluene	1	8.75E-01	8.27E-05	1
276	276	0	110543	Hexane	1	0.00E+00	5.27E-07	1
276	276	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
276	276	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
276	276	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
276	276	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
276	276	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
276	276	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
276	276	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
276	276	0	7440508	Copper	1	0.00E+00	8.04E-08	1
276	276	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
276	276	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
276	276	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
276	276	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
276	276	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
277	277	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
277	277	0	9901	DPM	1	2.09E-02	0.00E+00	1
277	277	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
277	277	0	71432	Benzene	1	3.72E-01	3.08E-05	1
277	277	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
277	277	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
277	277	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
277	277	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
277	277	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
277	277	0	108883	Toluene	1	3.34E-01	2.76E-05	1
277	277	0	110543	Hexane	1	0.00E+00	1.76E-07	1
277	277	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
277	277	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
277	277	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
277	277	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
277	277	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
277	277	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
277	277	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
277	277	0	7440508	Copper	1	0.00E+00	2.68E-08	1
277	277	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
277	277	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
277	277	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
277	277	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
277	277	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
278	278	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
278	278	0	9901	DPM	1	2.09E-02	0.00E+00	1
278	278	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
278	278	0	71432	Benzene	1	3.50E-01	3.08E-05	1
278	278	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
278	278	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
278	278	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
278	278	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
278	278	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
278	278	0	108883	Toluene	1	3.13E-01	2.76E-05	1
278	278	0	110543	Hexane	1	0.00E+00	1.76E-07	1
278	278	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
278	278	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
278	278	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
278	278	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
278	278	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
278	278	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
278	278	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
278	278	0	7440508	Copper	1	0.00E+00	2.68E-08	1
278	278	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
278	278	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
278	278	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
278	278	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
278	278	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
279	279	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
279	279	0	9901	DPM	1	5.47E-02	0.00E+00	1
279	279	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
279	279	0	71432	Benzene	1	9.77E-01	9.23E-05	1
279	279	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
279	279	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
279	279	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
279	279	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
279	279	0	107028	Acrolein	1	0.00E+00	6.65E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
279	279	0	108883	Toluene	1	8.75E-01	8.27E-05	1
279	279	0	110543	Hexane	1	0.00E+00	5.27E-07	1
279	279	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
279	279	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
279	279	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
279	279	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
279	279	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
279	279	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
279	279	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
279	279	0	7440508	Copper	1	0.00E+00	8.04E-08	1
279	279	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
279	279	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
279	279	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
279	279	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
279	279	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
280	280	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
280	280	0	9901	DPM	1	5.47E-02	0.00E+00	1
280	280	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
280	280	0	71432	Benzene	1	1.07E+00	9.23E-05	1
280	280	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
280	280	0	91203	PAHs[Napth]	1	4.39E-03	3.86E-07	1
280	280	0	100414	Ethylbenzene	1	2.14E-01	1.84E-05	1
280	280	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
280	280	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
280	280	0	108883	Toluene	1	9.60E-01	8.27E-05	1
280	280	0	110543	Hexane	1	0.00E+00	5.27E-07	1
280	280	0	1330207	Xylenes	1	6.64E-01	5.72E-05	1
280	280	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
280	280	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
280	280	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
280	280	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
280	280	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
280	280	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
280	280	0	7440508	Copper	1	0.00E+00	8.04E-08	1
280	280	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
280	280	0	7664417	Ammonia	1	1.83E-03	3.79E-04	1
280	280	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
280	280	0	7783064	Hydrogensulfide	1	4.03E-03	3.50E-07	1
280	280	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
281	281	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
281	281	0	9901	DPM	1	2.09E-02	0.00E+00	1
281	281	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
281	281	0	71432	Benzene	1	3.50E-01	3.08E-05	1
281	281	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
281	281	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
281	281	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
281	281	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
281	281	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
281	281	0	108883	Toluene	1	3.13E-01	2.76E-05	1
281	281	0	110543	Hexane	1	0.00E+00	1.76E-07	1
281	281	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
281	281	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
281	281	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
281	281	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
281	281	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
281	281	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
281	281	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
281	281	0	7440508	Copper	1	0.00E+00	2.68E-08	1
281	281	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
281	281	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
281	281	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
281	281	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
281	281	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
282	282	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
282	282	0	9901	DPM	1	3.78E-02	0.00E+00	1
282	282	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
282	282	0	71432	Benzene	1	6.63E-01	6.15E-05	1
282	282	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
282	282	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
282	282	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
282	282	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
282	282	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
282	282	0	108883	Toluene	1	5.94E-01	5.51E-05	1
282	282	0	110543	Hexane	1	0.00E+00	3.52E-07	1
282	282	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
282	282	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
282	282	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
282	282	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
282	282	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
282	282	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
282	282	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
282	282	0	7440508	Copper	1	0.00E+00	5.36E-08	1
282	282	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
282	282	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
282	282	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
282	282	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
282	282	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
283	283	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
283	283	0	9901	DPM	1	3.78E-02	0.00E+00	1
283	283	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
283	283	0	71432	Benzene	1	6.86E-01	6.15E-05	1
283	283	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
283	283	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
283	283	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
283	283	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
283	283	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
283	283	0	108883	Toluene	1	6.15E-01	5.51E-05	1
283	283	0	110543	Hexane	1	0.00E+00	3.52E-07	1
283	283	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
283	283	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
283	283	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
283	283	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
283	283	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
283	283	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
283	283	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
283	283	0	7440508	Copper	1	0.00E+00	5.36E-08	1
283	283	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
283	283	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
283	283	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
283	283	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
283	283	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
284	284	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
284	284	0	9901	DPM	1	2.09E-02	0.00E+00	1
284	284	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
284	284	0	71432	Benzene	1	3.50E-01	3.08E-05	1
284	284	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
284	284	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
284	284	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
284	284	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
284	284	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
284	284	0	108883	Toluene	1	3.13E-01	2.76E-05	1
284	284	0	110543	Hexane	1	0.00E+00	1.76E-07	1
284	284	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
284	284	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
284	284	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
284	284	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
284	284	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
284	284	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
284	284	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
284	284	0	7440508	Copper	1	0.00E+00	2.68E-08	1
284	284	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
284	284	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
284	284	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
284	284	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
284	284	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
285	285	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
285	285	0	9901	DPM	1	3.93E-03	0.00E+00	1
285	285	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
285	285	0	71432	Benzene	1	2.26E-02	2.58E-06	1
285	285	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
285	285	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
285	285	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
285	285	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
285	285	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
285	285	0	108883	Toluene	1	2.03E-02	2.32E-06	1
285	285	0	110543	Hexane	1	0.00E+00	3.63E-09	1
285	285	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
285	285	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
285	285	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
285	285	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
285	285	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
285	285	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
285	285	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
285	285	0	7440508	Copper	1	0.00E+00	5.54E-10	1
285	285	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
285	285	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
285	285	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
285	285	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
285	285	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
286	286	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
286	286	0	9901	DPM	1	2.09E-02	0.00E+00	1
286	286	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
286	286	0	71432	Benzene	1	3.36E-01	3.08E-05	1
286	286	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
286	286	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
286	286	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
286	286	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
286	286	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
286	286	0	108883	Toluene	1	3.01E-01	2.76E-05	1
286	286	0	110543	Hexane	1	0.00E+00	1.76E-07	1
286	286	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
286	286	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
286	286	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
286	286	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
286	286	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
286	286	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
286	286	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
286	286	0	7440508	Copper	1	0.00E+00	2.68E-08	1
286	286	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
286	286	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
286	286	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
286	286	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
286	286	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
287	287	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
287	287	0	9901	DPM	1	2.09E-02	0.00E+00	1
287	287	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
287	287	0	71432	Benzene	1	3.36E-01	3.08E-05	1
287	287	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
287	287	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
287	287	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
287	287	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
287	287	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
287	287	0	108883	Toluene	1	3.01E-01	2.76E-05	1
287	287	0	110543	Hexane	1	0.00E+00	1.76E-07	1
287	287	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
287	287	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
287	287	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
287	287	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
287	287	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
287	287	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
287	287	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
287	287	0	7440508	Copper	1	0.00E+00	2.68E-08	1
287	287	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
287	287	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
287	287	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
287	287	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
287	287	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
288	288	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
288	288	0	9901	DPM	1	2.09E-02	0.00E+00	1
288	288	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
288	288	0	71432	Benzene	1	3.14E-01	3.08E-05	1
288	288	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
288	288	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
288	288	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
288	288	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
288	288	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
288	288	0	108883	Toluene	1	2.81E-01	2.76E-05	1
288	288	0	110543	Hexane	1	0.00E+00	1.76E-07	1
288	288	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
288	288	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
288	288	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
288	288	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
288	288	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
288	288	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
288	288	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
288	288	0	7440508	Copper	1	0.00E+00	2.68E-08	1
288	288	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
288	288	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
288	288	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
288	288	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
288	288	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
289	289	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
289	289	0	9901	DPM	1	7.16E-02	0.00E+00	1
289	289	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
289	289	0	71432	Benzene	1	1.35E+00	1.23E-04	1
289	289	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
289	289	0	91203	PAHs[Napth]	1	5.55E-03	5.15E-07	1
289	289	0	100414	Ethylbenzene	1	2.69E-01	2.46E-05	1
289	289	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
289	289	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
289	289	0	108883	Toluene	1	1.21E+00	1.10E-04	1
289	289	0	110543	Hexane	1	0.00E+00	7.03E-07	1
289	289	0	1330207	Xylenes	1	8.36E-01	7.63E-05	1
289	289	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
289	289	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
289	289	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
289	289	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
289	289	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
289	289	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
289	289	0	7440508	Copper	1	0.00E+00	1.07E-07	1
289	289	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
289	289	0	7664417	Ammonia	1	2.32E-03	5.05E-04	1
289	289	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
289	289	0	7783064	Hydrogensulfide	1	5.09E-03	4.66E-07	1
289	289	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
290	290	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
290	290	0	9901	DPM	1	2.09E-02	0.00E+00	1
290	290	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
290	290	0	71432	Benzene	1	3.50E-01	3.08E-05	1
290	290	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
290	290	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
290	290	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
290	290	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
290	290	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
290	290	0	108883	Toluene	1	3.13E-01	2.76E-05	1
290	290	0	110543	Hexane	1	0.00E+00	1.76E-07	1
290	290	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
290	290	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
290	290	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
290	290	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
290	290	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
290	290	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
290	290	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
290	290	0	7440508	Copper	1	0.00E+00	2.68E-08	1
290	290	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
290	290	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
290	290	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
290	290	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
290	290	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
291	291	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
291	291	0	9901	DPM	1	2.09E-02	0.00E+00	1
291	291	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
291	291	0	71432	Benzene	1	3.72E-01	3.08E-05	1
291	291	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
291	291	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
291	291	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
291	291	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
291	291	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
291	291	0	108883	Toluene	1	3.34E-01	2.76E-05	1
291	291	0	110543	Hexane	1	0.00E+00	1.76E-07	1
291	291	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
291	291	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
291	291	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
291	291	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
291	291	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
291	291	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
291	291	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
291	291	0	7440508	Copper	1	0.00E+00	2.68E-08	1
291	291	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
291	291	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
291	291	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
291	291	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
291	291	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
292	292	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
292	292	0	9901	DPM	1	5.47E-02	0.00E+00	1
292	292	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
292	292	0	71432	Benzene	1	1.01E+00	9.23E-05	1
292	292	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
292	292	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
292	292	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
292	292	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
292	292	0	107028	Acrolein	1	0.00E+00	6.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
292	292	0	108883	Toluene	1	9.07E-01	8.27E-05	1
292	292	0	110543	Hexane	1	0.00E+00	5.27E-07	1
292	292	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
292	292	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
292	292	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
292	292	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
292	292	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
292	292	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
292	292	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
292	292	0	7440508	Copper	1	0.00E+00	8.04E-08	1
292	292	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
292	292	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
292	292	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
292	292	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
292	292	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
293	293	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
293	293	0	9901	DPM	1	5.47E-02	0.00E+00	1
293	293	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
293	293	0	71432	Benzene	1	9.99E-01	9.23E-05	1
293	293	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
293	293	0	91203	PAHs[Napth]	1	4.12E-03	3.86E-07	1
293	293	0	100414	Ethylbenzene	1	2.00E-01	1.84E-05	1
293	293	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
293	293	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
293	293	0	108883	Toluene	1	8.95E-01	8.27E-05	1
293	293	0	110543	Hexane	1	0.00E+00	5.27E-07	1
293	293	0	1330207	Xylenes	1	6.19E-01	5.72E-05	1
293	293	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
293	293	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
293	293	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
293	293	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
293	293	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
293	293	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
293	293	0	7440508	Copper	1	0.00E+00	8.04E-08	1
293	293	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
293	293	0	7664417	Ammonia	1	1.72E-03	3.79E-04	1
293	293	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
293	293	0	7783064	Hydrogensulfide	1	3.78E-03	3.50E-07	1
293	293	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
294	294	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
294	294	0	9901	DPM	1	2.09E-02	0.00E+00	1
294	294	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
294	294	0	71432	Benzene	1	3.50E-01	3.08E-05	1
294	294	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
294	294	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
294	294	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
294	294	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
294	294	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
294	294	0	108883	Toluene	1	3.13E-01	2.76E-05	1
294	294	0	110543	Hexane	1	0.00E+00	1.76E-07	1
294	294	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
294	294	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
294	294	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
294	294	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
294	294	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
294	294	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
294	294	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
294	294	0	7440508	Copper	1	0.00E+00	2.68E-08	1
294	294	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
294	294	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
294	294	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
294	294	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
294	294	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
295	295	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
295	295	0	9901	DPM	1	3.78E-02	0.00E+00	1
295	295	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
295	295	0	71432	Benzene	1	6.63E-01	6.15E-05	1
295	295	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
295	295	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
295	295	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
295	295	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
295	295	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
295	295	0	108883	Toluene	1	5.94E-01	5.51E-05	1
295	295	0	110543	Hexane	1	0.00E+00	3.52E-07	1
295	295	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
295	295	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
295	295	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
295	295	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
295	295	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
295	295	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
295	295	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
295	295	0	7440508	Copper	1	0.00E+00	5.36E-08	1
295	295	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
295	295	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
295	295	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
295	295	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
295	295	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
296	296	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
296	296	0	9901	DPM	1	7.16E-02	0.00E+00	1
296	296	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
296	296	0	71432	Benzene	1	1.38E+00	1.23E-04	1
296	296	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
296	296	0	91203	PAHs[Napth]	1	5.69E-03	5.15E-07	1
296	296	0	100414	Ethylbenzene	1	2.77E-01	2.46E-05	1
296	296	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
296	296	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
296	296	0	108883	Toluene	1	1.24E+00	1.10E-04	1
296	296	0	110543	Hexane	1	0.00E+00	7.03E-07	1
296	296	0	1330207	Xylenes	1	8.59E-01	7.63E-05	1
296	296	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
296	296	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
296	296	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
296	296	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
296	296	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
296	296	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
296	296	0	7440508	Copper	1	0.00E+00	1.07E-07	1
296	296	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
296	296	0	7664417	Ammonia	1	2.37E-03	5.05E-04	1
296	296	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
296	296	0	7783064	Hydrogensulfide	1	5.22E-03	4.66E-07	1
296	296	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
297	297	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
297	297	0	9901	DPM	1	2.09E-02	0.00E+00	1
297	297	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
297	297	0	71432	Benzene	1	3.72E-01	3.08E-05	1
297	297	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
297	297	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
297	297	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
297	297	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
297	297	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
297	297	0	108883	Toluene	1	3.34E-01	2.76E-05	1
297	297	0	110543	Hexane	1	0.00E+00	1.76E-07	1
297	297	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
297	297	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
297	297	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
297	297	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
297	297	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
297	297	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
297	297	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
297	297	0	7440508	Copper	1	0.00E+00	2.68E-08	1
297	297	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
297	297	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
297	297	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
297	297	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
297	297	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
298	298	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
298	298	0	9901	DPM	1	3.78E-02	0.00E+00	1
298	298	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
298	298	0	71432	Benzene	1	7.22E-01	6.15E-05	1
298	298	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
298	298	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
298	298	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
298	298	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
298	298	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
298	298	0	108883	Toluene	1	6.47E-01	5.51E-05	1
298	298	0	110543	Hexane	1	0.00E+00	3.52E-07	1
298	298	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
298	298	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
298	298	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
298	298	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
298	298	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
298	298	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
298	298	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
298	298	0	7440508	Copper	1	0.00E+00	5.36E-08	1
298	298	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
298	298	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
298	298	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
298	298	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
298	298	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
299	299	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
299	299	0	9901	DPM	1	2.09E-02	0.00E+00	1
299	299	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
299	299	0	71432	Benzene	1	3.36E-01	3.08E-05	1
299	299	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
299	299	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
299	299	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
299	299	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
299	299	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
299	299	0	108883	Toluene	1	3.01E-01	2.76E-05	1
299	299	0	110543	Hexane	1	0.00E+00	1.76E-07	1
299	299	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
299	299	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
299	299	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
299	299	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
299	299	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
299	299	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
299	299	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
299	299	0	7440508	Copper	1	0.00E+00	2.68E-08	1
299	299	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
299	299	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
299	299	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
299	299	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
299	299	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
300	300	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
300	300	0	9901	DPM	1	2.09E-02	0.00E+00	1
300	300	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
300	300	0	71432	Benzene	1	3.36E-01	3.08E-05	1
300	300	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
300	300	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
300	300	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
300	300	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
300	300	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
300	300	0	108883	Toluene	1	3.01E-01	2.76E-05	1
300	300	0	110543	Hexane	1	0.00E+00	1.76E-07	1
300	300	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
300	300	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
300	300	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
300	300	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
300	300	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
300	300	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
300	300	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
300	300	0	7440508	Copper	1	0.00E+00	2.68E-08	1
300	300	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
300	300	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
300	300	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
300	300	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
300	300	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
301	301	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
301	301	0	9901	DPM	1	3.93E-03	0.00E+00	1
301	301	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
301	301	0	71432	Benzene	1	2.26E-02	2.58E-06	1
301	301	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
301	301	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
301	301	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
301	301	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
301	301	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
301	301	0	108883	Toluene	1	2.03E-02	2.32E-06	1
301	301	0	110543	Hexane	1	0.00E+00	3.63E-09	1
301	301	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
301	301	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
301	301	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
301	301	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
301	301	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
301	301	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
301	301	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
301	301	0	7440508	Copper	1	0.00E+00	5.54E-10	1
301	301	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
301	301	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
301	301	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
301	301	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
301	301	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
302	302	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
302	302	0	9901	DPM	1	3.78E-02	0.00E+00	1
302	302	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
302	302	0	71432	Benzene	1	6.63E-01	6.15E-05	1
302	302	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
302	302	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
302	302	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
302	302	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
302	302	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
302	302	0	108883	Toluene	1	5.94E-01	5.51E-05	1
302	302	0	110543	Hexane	1	0.00E+00	3.52E-07	1
302	302	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
302	302	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
302	302	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
302	302	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
302	302	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
302	302	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
302	302	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
302	302	0	7440508	Copper	1	0.00E+00	5.36E-08	1
302	302	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
302	302	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
302	302	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
302	302	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
302	302	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
303	303	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
303	303	0	9901	DPM	1	3.78E-02	0.00E+00	1
303	303	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
303	303	0	71432	Benzene	1	6.86E-01	6.15E-05	1
303	303	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
303	303	0	91203	PAHs[Napth]	1	2.82E-03	2.57E-07	1
303	303	0	100414	Ethylbenzene	1	1.37E-01	1.23E-05	1
303	303	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
303	303	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
303	303	0	108883	Toluene	1	6.15E-01	5.51E-05	1
303	303	0	110543	Hexane	1	0.00E+00	3.52E-07	1
303	303	0	1330207	Xylenes	1	4.25E-01	3.81E-05	1
303	303	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
303	303	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
303	303	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
303	303	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
303	303	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
303	303	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
303	303	0	7440508	Copper	1	0.00E+00	5.36E-08	1
303	303	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
303	303	0	7664417	Ammonia	1	1.18E-03	2.53E-04	1
303	303	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
303	303	0	7783064	Hydrogensulfide	1	2.59E-03	2.33E-07	1
303	303	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
304	304	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
304	304	0	9901	DPM	1	3.78E-02	0.00E+00	1
304	304	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
304	304	0	71432	Benzene	1	6.99E-01	6.15E-05	1
304	304	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
304	304	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
304	304	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
304	304	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
304	304	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
304	304	0	108883	Toluene	1	6.27E-01	5.51E-05	1
304	304	0	110543	Hexane	1	0.00E+00	3.52E-07	1
304	304	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
304	304	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
304	304	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
304	304	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
304	304	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
304	304	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
304	304	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
304	304	0	7440508	Copper	1	0.00E+00	5.36E-08	1
304	304	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
304	304	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
304	304	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
304	304	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
304	304	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
305	305	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
305	305	0	9901	DPM	1	3.78E-02	0.00E+00	1
305	305	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
305	305	0	71432	Benzene	1	7.22E-01	6.15E-05	1
305	305	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
305	305	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
305	305	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
305	305	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
305	305	0	107028	Acrolein	1	0.00E+00	4.43E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
305	305	0	108883	Toluene	1	6.47E-01	5.51E-05	1
305	305	0	110543	Hexane	1	0.00E+00	3.52E-07	1
305	305	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
305	305	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
305	305	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
305	305	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
305	305	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
305	305	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
305	305	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
305	305	0	7440508	Copper	1	0.00E+00	5.36E-08	1
305	305	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
305	305	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1
305	305	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
305	305	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
305	305	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
306	306	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
306	306	0	9901	DPM	1	8.85E-02	0.00E+00	1
306	306	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
306	306	0	71432	Benzene	1	1.66E+00	1.54E-04	1
306	306	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
306	306	0	91203	PAHs[Napth]	1	6.85E-03	6.44E-07	1
306	306	0	100414	Ethylbenzene	1	3.32E-01	3.07E-05	1
306	306	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
306	306	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
306	306	0	108883	Toluene	1	1.49E+00	1.38E-04	1
306	306	0	110543	Hexane	1	0.00E+00	8.79E-07	1
306	306	0	1330207	Xylenes	1	1.03E+00	9.53E-05	1
306	306	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1
306	306	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
306	306	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
306	306	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
306	306	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
306	306	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
306	306	0	7440508	Copper	1	0.00E+00	1.34E-07	1
306	306	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
306	306	0	7664417	Ammonia	1	2.86E-03	6.32E-04	1
306	306	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
306	306	0	7783064	Hydrogensulfide	1	6.28E-03	5.83E-07	1
306	306	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
307	307	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
307	307	0	9901	DPM	1	2.09E-02	0.00E+00	1
307	307	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
307	307	0	71432	Benzene	1	3.50E-01	3.08E-05	1
307	307	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
307	307	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
307	307	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
307	307	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
307	307	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
307	307	0	108883	Toluene	1	3.13E-01	2.76E-05	1
307	307	0	110543	Hexane	1	0.00E+00	1.76E-07	1
307	307	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
307	307	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
307	307	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
307	307	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
307	307	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
307	307	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
307	307	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
307	307	0	7440508	Copper	1	0.00E+00	2.68E-08	1
307	307	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
307	307	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
307	307	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
307	307	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
307	307	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
308	308	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
308	308	0	9901	DPM	1	3.93E-03	0.00E+00	1
308	308	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
308	308	0	71432	Benzene	1	2.26E-02	2.58E-06	1
308	308	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
308	308	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
308	308	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
308	308	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
308	308	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
308	308	0	108883	Toluene	1	2.03E-02	2.32E-06	1
308	308	0	110543	Hexane	1	0.00E+00	3.63E-09	1
308	308	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
308	308	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
308	308	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
308	308	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
308	308	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
308	308	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
308	308	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
308	308	0	7440508	Copper	1	0.00E+00	5.54E-10	1
308	308	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
308	308	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
308	308	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
308	308	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
308	308	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
309	309	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
309	309	0	9901	DPM	1	2.09E-02	0.00E+00	1
309	309	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
309	309	0	71432	Benzene	1	3.50E-01	3.08E-05	1
309	309	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
309	309	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
309	309	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
309	309	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
309	309	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
309	309	0	108883	Toluene	1	3.13E-01	2.76E-05	1
309	309	0	110543	Hexane	1	0.00E+00	1.76E-07	1
309	309	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
309	309	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
309	309	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
309	309	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
309	309	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
309	309	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
309	309	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
309	309	0	7440508	Copper	1	0.00E+00	2.68E-08	1
309	309	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
309	309	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
309	309	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
309	309	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
309	309	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
310	310	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
310	310	0	9901	DPM	1	5.47E-02	0.00E+00	1
310	310	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
310	310	0	71432	Benzene	1	1.05E+00	9.23E-05	1
310	310	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
310	310	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
310	310	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
310	310	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
310	310	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
310	310	0	108883	Toluene	1	9.40E-01	8.27E-05	1
310	310	0	110543	Hexane	1	0.00E+00	5.27E-07	1
310	310	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
310	310	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
310	310	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
310	310	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
310	310	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
310	310	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
310	310	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
310	310	0	7440508	Copper	1	0.00E+00	8.04E-08	1
310	310	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
310	310	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
310	310	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
310	310	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
310	310	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
311	311	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
311	311	0	9901	DPM	1	3.93E-03	0.00E+00	1
311	311	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
311	311	0	71432	Benzene	1	2.26E-02	2.58E-06	1
311	311	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
311	311	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
311	311	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
311	311	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
311	311	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
311	311	0	108883	Toluene	1	2.03E-02	2.32E-06	1
311	311	0	110543	Hexane	1	0.00E+00	3.63E-09	1
311	311	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
311	311	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
311	311	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
311	311	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
311	311	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
311	311	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
311	311	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
311	311	0	7440508	Copper	1	0.00E+00	5.54E-10	1
311	311	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
311	311	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
311	311	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
311	311	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
311	311	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
312	312	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
312	312	0	9901	DPM	1	5.47E-02	0.00E+00	1
312	312	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
312	312	0	71432	Benzene	1	9.77E-01	9.23E-05	1
312	312	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
312	312	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
312	312	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
312	312	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
312	312	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
312	312	0	108883	Toluene	1	8.75E-01	8.27E-05	1
312	312	0	110543	Hexane	1	0.00E+00	5.27E-07	1
312	312	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
312	312	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
312	312	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
312	312	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
312	312	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
312	312	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
312	312	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
312	312	0	7440508	Copper	1	0.00E+00	8.04E-08	1
312	312	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
312	312	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
312	312	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
312	312	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
312	312	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
313	313	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
313	313	0	9901	DPM	1	5.47E-02	0.00E+00	1
313	313	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
313	313	0	71432	Benzene	1	1.05E+00	9.23E-05	1
313	313	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
313	313	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
313	313	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
313	313	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
313	313	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
313	313	0	108883	Toluene	1	9.40E-01	8.27E-05	1
313	313	0	110543	Hexane	1	0.00E+00	5.27E-07	1
313	313	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
313	313	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
313	313	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
313	313	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
313	313	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
313	313	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
313	313	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
313	313	0	7440508	Copper	1	0.00E+00	8.04E-08	1
313	313	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
313	313	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
313	313	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
313	313	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
313	313	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
314	314	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
314	314	0	9901	DPM	1	2.09E-02	0.00E+00	1
314	314	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
314	314	0	71432	Benzene	1	3.14E-01	3.08E-05	1
314	314	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
314	314	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
314	314	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
314	314	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
314	314	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
314	314	0	108883	Toluene	1	2.81E-01	2.76E-05	1
314	314	0	110543	Hexane	1	0.00E+00	1.76E-07	1
314	314	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
314	314	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
314	314	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
314	314	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
314	314	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
314	314	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
314	314	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
314	314	0	7440508	Copper	1	0.00E+00	2.68E-08	1
314	314	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
314	314	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
314	314	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
314	314	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
314	314	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
315	315	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
315	315	0	9901	DPM	1	3.93E-03	0.00E+00	1
315	315	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
315	315	0	71432	Benzene	1	2.26E-02	2.58E-06	1
315	315	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
315	315	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
315	315	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
315	315	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
315	315	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
315	315	0	108883	Toluene	1	2.03E-02	2.32E-06	1
315	315	0	110543	Hexane	1	0.00E+00	3.63E-09	1
315	315	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
315	315	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
315	315	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
315	315	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
315	315	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
315	315	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
315	315	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
315	315	0	7440508	Copper	1	0.00E+00	5.54E-10	1
315	315	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
315	315	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
315	315	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
315	315	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
315	315	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
316	316	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
316	316	0	9901	DPM	1	2.09E-02	0.00E+00	1
316	316	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
316	316	0	71432	Benzene	1	3.50E-01	3.08E-05	1
316	316	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
316	316	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
316	316	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
316	316	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
316	316	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
316	316	0	108883	Toluene	1	3.13E-01	2.76E-05	1
316	316	0	110543	Hexane	1	0.00E+00	1.76E-07	1
316	316	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
316	316	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
316	316	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
316	316	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
316	316	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
316	316	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
316	316	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
316	316	0	7440508	Copper	1	0.00E+00	2.68E-08	1
316	316	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
316	316	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
316	316	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
316	316	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
316	316	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
317	317	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
317	317	0	9901	DPM	1	2.09E-02	0.00E+00	1
317	317	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
317	317	0	71432	Benzene	1	3.50E-01	3.08E-05	1
317	317	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
317	317	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
317	317	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
317	317	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
317	317	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
317	317	0	108883	Toluene	1	3.13E-01	2.76E-05	1
317	317	0	110543	Hexane	1	0.00E+00	1.76E-07	1
317	317	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
317	317	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
317	317	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
317	317	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
317	317	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
317	317	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
317	317	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
317	317	0	7440508	Copper	1	0.00E+00	2.68E-08	1
317	317	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
317	317	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
317	317	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
317	317	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
317	317	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
318	318	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
318	318	0	9901	DPM	1	2.09E-02	0.00E+00	1
318	318	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
318	318	0	71432	Benzene	1	3.14E-01	3.08E-05	1
318	318	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
318	318	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
318	318	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
318	318	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
318	318	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
318	318	0	108883	Toluene	1	2.81E-01	2.76E-05	1
318	318	0	110543	Hexane	1	0.00E+00	1.76E-07	1
318	318	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
318	318	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
318	318	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
318	318	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
318	318	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
318	318	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
318	318	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
318	318	0	7440508	Copper	1	0.00E+00	2.68E-08	1
318	318	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
318	318	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
318	318	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
318	318	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
318	318	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
319	319	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
319	319	0	9901	DPM	1	2.09E-02	0.00E+00	1
319	319	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
319	319	0	71432	Benzene	1	3.50E-01	3.08E-05	1
319	319	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
319	319	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
319	319	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
319	319	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
319	319	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
319	319	0	108883	Toluene	1	3.13E-01	2.76E-05	1
319	319	0	110543	Hexane	1	0.00E+00	1.76E-07	1
319	319	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
319	319	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
319	319	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
319	319	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
319	319	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
319	319	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
319	319	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
319	319	0	7440508	Copper	1	0.00E+00	2.68E-08	1
319	319	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
319	319	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
319	319	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
319	319	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
319	319	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
320	320	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
320	320	0	9901	DPM	1	8.85E-02	0.00E+00	1
320	320	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
320	320	0	71432	Benzene	1	1.73E+00	1.54E-04	1
320	320	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
320	320	0	91203	PAHs[Napth]	1	7.12E-03	6.44E-07	1
320	320	0	100414	Ethylbenzene	1	3.47E-01	3.07E-05	1
320	320	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
320	320	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
320	320	0	108883	Toluene	1	1.55E+00	1.38E-04	1
320	320	0	110543	Hexane	1	0.00E+00	8.79E-07	1
320	320	0	1330207	Xylenes	1	1.08E+00	9.53E-05	1
320	320	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
320	320	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
320	320	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
320	320	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
320	320	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
320	320	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
320	320	0	7440508	Copper	1	0.00E+00	1.34E-07	1
320	320	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
320	320	0	7664417	Ammonia	1	2.97E-03	6.32E-04	1
320	320	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
320	320	0	7783064	Hydrogensulfide	1	6.53E-03	5.83E-07	1
320	320	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
321	321	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
321	321	0	9901	DPM	1	5.47E-02	0.00E+00	1
321	321	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
321	321	0	71432	Benzene	1	1.02E+00	9.23E-05	1
321	321	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
321	321	0	91203	PAHs[Napth]	1	4.21E-03	3.86E-07	1
321	321	0	100414	Ethylbenzene	1	2.04E-01	1.84E-05	1
321	321	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
321	321	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
321	321	0	108883	Toluene	1	9.16E-01	8.27E-05	1
321	321	0	110543	Hexane	1	0.00E+00	5.27E-07	1
321	321	0	1330207	Xylenes	1	6.34E-01	5.72E-05	1
321	321	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
321	321	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
321	321	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
321	321	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
321	321	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
321	321	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
321	321	0	7440508	Copper	1	0.00E+00	8.04E-08	1
321	321	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
321	321	0	7664417	Ammonia	1	1.76E-03	3.79E-04	1
321	321	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
321	321	0	7783064	Hydrogensulfide	1	3.86E-03	3.50E-07	1
321	321	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
322	322	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
322	322	0	9901	DPM	1	3.78E-02	0.00E+00	1
322	322	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
322	322	0	71432	Benzene	1	7.22E-01	6.15E-05	1
322	322	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
322	322	0	91203	PAHs[Napth]	1	2.96E-03	2.57E-07	1
322	322	0	100414	Ethylbenzene	1	1.44E-01	1.23E-05	1
322	322	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
322	322	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
322	322	0	108883	Toluene	1	6.47E-01	5.51E-05	1
322	322	0	110543	Hexane	1	0.00E+00	3.52E-07	1
322	322	0	1330207	Xylenes	1	4.47E-01	3.81E-05	1
322	322	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
322	322	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
322	322	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
322	322	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
322	322	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
322	322	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
322	322	0	7440508	Copper	1	0.00E+00	5.36E-08	1
322	322	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
322	322	0	7664417	Ammonia	1	1.24E-03	2.53E-04	1
322	322	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
322	322	0	7783064	Hydrogensulfide	1	2.72E-03	2.33E-07	1
322	322	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
323	323	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
323	323	0	9901	DPM	1	2.09E-02	0.00E+00	1
323	323	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
323	323	0	71432	Benzene	1	3.50E-01	3.08E-05	1
323	323	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
323	323	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
323	323	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
323	323	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
323	323	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
323	323	0	108883	Toluene	1	3.13E-01	2.76E-05	1
323	323	0	110543	Hexane	1	0.00E+00	1.76E-07	1
323	323	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
323	323	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
323	323	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
323	323	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
323	323	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
323	323	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
323	323	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
323	323	0	7440508	Copper	1	0.00E+00	2.68E-08	1
323	323	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
323	323	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
323	323	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
323	323	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
323	323	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
324	324	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
324	324	0	9901	DPM	1	3.78E-02	0.00E+00	1
324	324	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
324	324	0	71432	Benzene	1	6.27E-01	6.15E-05	1
324	324	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
324	324	0	91203	PAHs[Napth]	1	2.59E-03	2.57E-07	1
324	324	0	100414	Ethylbenzene	1	1.25E-01	1.23E-05	1
324	324	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
324	324	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
324	324	0	108883	Toluene	1	5.62E-01	5.51E-05	1
324	324	0	110543	Hexane	1	0.00E+00	3.52E-07	1
324	324	0	1330207	Xylenes	1	3.89E-01	3.81E-05	1
324	324	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
324	324	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
324	324	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
324	324	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
324	324	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
324	324	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
324	324	0	7440508	Copper	1	0.00E+00	5.36E-08	1
324	324	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
324	324	0	7664417	Ammonia	1	1.08E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
324	324	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
324	324	0	7783064	Hydrogensulfide	1	2.38E-03	2.33E-07	1
324	324	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
325	325	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
325	325	0	9901	DPM	1	2.09E-02	0.00E+00	1
325	325	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
325	325	0	71432	Benzene	1	3.14E-01	3.08E-05	1
325	325	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
325	325	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
325	325	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
325	325	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
325	325	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
325	325	0	108883	Toluene	1	2.81E-01	2.76E-05	1
325	325	0	110543	Hexane	1	0.00E+00	1.76E-07	1
325	325	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
325	325	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
325	325	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
325	325	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
325	325	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
325	325	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
325	325	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
325	325	0	7440508	Copper	1	0.00E+00	2.68E-08	1
325	325	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
325	325	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
325	325	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
325	325	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
325	325	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
326	326	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
326	326	0	9901	DPM	1	2.09E-02	0.00E+00	1
326	326	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
326	326	0	71432	Benzene	1	3.14E-01	3.08E-05	1
326	326	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
326	326	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
326	326	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
326	326	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
326	326	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
326	326	0	108883	Toluene	1	2.81E-01	2.76E-05	1
326	326	0	110543	Hexane	1	0.00E+00	1.76E-07	1
326	326	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
326	326	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
326	326	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
326	326	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
326	326	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
326	326	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
326	326	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
326	326	0	7440508	Copper	1	0.00E+00	2.68E-08	1
326	326	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
326	326	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
326	326	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
326	326	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
326	326	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
327	327	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
327	327	0	9901	DPM	1	3.93E-03	0.00E+00	1
327	327	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
327	327	0	71432	Benzene	1	2.26E-02	2.58E-06	1
327	327	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
327	327	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
327	327	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
327	327	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
327	327	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
327	327	0	108883	Toluene	1	2.03E-02	2.32E-06	1
327	327	0	110543	Hexane	1	0.00E+00	3.63E-09	1
327	327	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
327	327	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
327	327	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
327	327	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
327	327	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
327	327	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
327	327	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
327	327	0	7440508	Copper	1	0.00E+00	5.54E-10	1
327	327	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
327	327	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
327	327	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
327	327	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
327	327	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
328	328	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
328	328	0	9901	DPM	1	3.93E-03	0.00E+00	1
328	328	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
328	328	0	71432	Benzene	1	2.26E-02	2.58E-06	1
328	328	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
328	328	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
328	328	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
328	328	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
328	328	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
328	328	0	108883	Toluene	1	2.03E-02	2.32E-06	1
328	328	0	110543	Hexane	1	0.00E+00	3.63E-09	1
328	328	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
328	328	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
328	328	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
328	328	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
328	328	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
328	328	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
328	328	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
328	328	0	7440508	Copper	1	0.00E+00	5.54E-10	1
328	328	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
328	328	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
328	328	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
328	328	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
328	328	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
329	329	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
329	329	0	9901	DPM	1	2.09E-02	0.00E+00	1
329	329	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
329	329	0	71432	Benzene	1	3.50E-01	3.08E-05	1
329	329	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
329	329	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
329	329	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
329	329	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
329	329	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
329	329	0	108883	Toluene	1	3.13E-01	2.76E-05	1
329	329	0	110543	Hexane	1	0.00E+00	1.76E-07	1
329	329	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
329	329	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
329	329	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
329	329	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
329	329	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
329	329	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
329	329	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
329	329	0	7440508	Copper	1	0.00E+00	2.68E-08	1
329	329	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
329	329	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
329	329	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
329	329	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
329	329	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
330	330	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
330	330	0	9901	DPM	1	2.09E-02	0.00E+00	1
330	330	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
330	330	0	71432	Benzene	1	3.14E-01	3.08E-05	1
330	330	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
330	330	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
330	330	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
330	330	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
330	330	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
330	330	0	108883	Toluene	1	2.81E-01	2.76E-05	1
330	330	0	110543	Hexane	1	0.00E+00	1.76E-07	1
330	330	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
330	330	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
330	330	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
330	330	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
330	330	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
330	330	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
330	330	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
330	330	0	7440508	Copper	1	0.00E+00	2.68E-08	1
330	330	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
330	330	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
330	330	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
330	330	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
330	330	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
331	331	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1
331	331	0	9901	DPM	1	3.94E-03	0.00E+00	1
331	331	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
331	331	0	71432	Benzene	1	2.26E-02	2.58E-06	1
331	331	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
331	331	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
331	331	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
331	331	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
331	331	0	107028	Acrolein	1	0.00E+00	4.59E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
331	331	0	108883	Toluene	1	2.03E-02	2.32E-06	1
331	331	0	110543	Hexane	1	0.00E+00	3.64E-09	1
331	331	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
331	331	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
331	331	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
331	331	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
331	331	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
331	331	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
331	331	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
331	331	0	7440508	Copper	1	0.00E+00	5.55E-10	1
331	331	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
331	331	0	7664417	Ammonia	1	3.90E-05	3.93E-06	1
331	331	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
331	331	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
331	331	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
332	332	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
332	332	0	9901	DPM	1	3.78E-02	0.00E+00	1
332	332	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
332	332	0	71432	Benzene	1	6.99E-01	6.15E-05	1
332	332	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
332	332	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
332	332	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
332	332	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
332	332	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
332	332	0	108883	Toluene	1	6.27E-01	5.51E-05	1
332	332	0	110543	Hexane	1	0.00E+00	3.52E-07	1
332	332	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
332	332	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
332	332	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
332	332	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
332	332	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
332	332	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
332	332	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
332	332	0	7440508	Copper	1	0.00E+00	5.36E-08	1
332	332	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
332	332	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
332	332	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
332	332	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
332	332	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
333	333	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
333	333	0	9901	DPM	1	2.09E-02	0.00E+00	1
333	333	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
333	333	0	71432	Benzene	1	3.50E-01	3.08E-05	1
333	333	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
333	333	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
333	333	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
333	333	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
333	333	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
333	333	0	108883	Toluene	1	3.13E-01	2.76E-05	1
333	333	0	110543	Hexane	1	0.00E+00	1.76E-07	1
333	333	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
333	333	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
333	333	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
333	333	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
333	333	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
333	333	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
333	333	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
333	333	0	7440508	Copper	1	0.00E+00	2.68E-08	1
333	333	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
333	333	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
333	333	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
333	333	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
333	333	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
334	334	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
334	334	0	9901	DPM	1	2.09E-02	0.00E+00	1
334	334	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
334	334	0	71432	Benzene	1	3.14E-01	3.08E-05	1
334	334	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
334	334	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
334	334	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
334	334	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
334	334	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
334	334	0	108883	Toluene	1	2.81E-01	2.76E-05	1
334	334	0	110543	Hexane	1	0.00E+00	1.76E-07	1
334	334	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
334	334	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
334	334	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
334	334	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
334	334	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
334	334	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
334	334	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
334	334	0	7440508	Copper	1	0.00E+00	2.68E-08	1
334	334	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
334	334	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
334	334	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
334	334	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
334	334	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
335	335	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
335	335	0	9901	DPM	1	3.93E-03	0.00E+00	1
335	335	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
335	335	0	71432	Benzene	1	2.26E-02	2.58E-06	1
335	335	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
335	335	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
335	335	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
335	335	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
335	335	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
335	335	0	108883	Toluene	1	2.03E-02	2.32E-06	1
335	335	0	110543	Hexane	1	0.00E+00	3.63E-09	1
335	335	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
335	335	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
335	335	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
335	335	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
335	335	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
335	335	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
335	335	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
335	335	0	7440508	Copper	1	0.00E+00	5.54E-10	1
335	335	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
335	335	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
335	335	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
335	335	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
335	335	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
336	336	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
336	336	0	9901	DPM	1	5.47E-02	0.00E+00	1
336	336	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
336	336	0	71432	Benzene	1	1.05E+00	9.23E-05	1
336	336	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
336	336	0	91203	PAHs[Napth]	1	4.30E-03	3.86E-07	1
336	336	0	100414	Ethylbenzene	1	2.10E-01	1.84E-05	1
336	336	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
336	336	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
336	336	0	108883	Toluene	1	9.40E-01	8.27E-05	1
336	336	0	110543	Hexane	1	0.00E+00	5.27E-07	1
336	336	0	1330207	Xylenes	1	6.50E-01	5.72E-05	1
336	336	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
336	336	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
336	336	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
336	336	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
336	336	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
336	336	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
336	336	0	7440508	Copper	1	0.00E+00	8.04E-08	1
336	336	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
336	336	0	7664417	Ammonia	1	1.79E-03	3.79E-04	1
336	336	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
336	336	0	7783064	Hydrogensulfide	1	3.94E-03	3.50E-07	1
336	336	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
337	337	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
337	337	0	9901	DPM	1	2.09E-02	0.00E+00	1
337	337	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
337	337	0	71432	Benzene	1	3.50E-01	3.08E-05	1
337	337	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
337	337	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
337	337	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
337	337	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
337	337	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
337	337	0	108883	Toluene	1	3.13E-01	2.76E-05	1
337	337	0	110543	Hexane	1	0.00E+00	1.76E-07	1
337	337	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
337	337	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
337	337	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
337	337	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
337	337	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
337	337	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
337	337	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
337	337	0	7440508	Copper	1	0.00E+00	2.68E-08	1
337	337	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
337	337	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
337	337	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
337	337	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
337	337	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
338	338	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
338	338	0	9901	DPM	1	7.16E-02	0.00E+00	1
338	338	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
338	338	0	71432	Benzene	1	1.38E+00	1.23E-04	1
338	338	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
338	338	0	91203	PAHs[Napth]	1	5.69E-03	5.15E-07	1
338	338	0	100414	Ethylbenzene	1	2.77E-01	2.46E-05	1
338	338	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
338	338	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
338	338	0	108883	Toluene	1	1.24E+00	1.10E-04	1
338	338	0	110543	Hexane	1	0.00E+00	7.03E-07	1
338	338	0	1330207	Xylenes	1	8.59E-01	7.63E-05	1
338	338	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
338	338	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
338	338	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
338	338	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
338	338	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
338	338	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
338	338	0	7440508	Copper	1	0.00E+00	1.07E-07	1
338	338	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
338	338	0	7664417	Ammonia	1	2.37E-03	5.05E-04	1
338	338	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
338	338	0	7783064	Hydrogensulfide	1	5.22E-03	4.66E-07	1
338	338	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
339	339	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
339	339	0	9901	DPM	1	2.09E-02	0.00E+00	1
339	339	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
339	339	0	71432	Benzene	1	3.50E-01	3.08E-05	1
339	339	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
339	339	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
339	339	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
339	339	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
339	339	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
339	339	0	108883	Toluene	1	3.13E-01	2.76E-05	1
339	339	0	110543	Hexane	1	0.00E+00	1.76E-07	1
339	339	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
339	339	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
339	339	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
339	339	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
339	339	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
339	339	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
339	339	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
339	339	0	7440508	Copper	1	0.00E+00	2.68E-08	1
339	339	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
339	339	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
339	339	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
339	339	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
339	339	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
340	340	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
340	340	0	9901	DPM	1	2.09E-02	0.00E+00	1
340	340	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
340	340	0	71432	Benzene	1	3.50E-01	3.08E-05	1
340	340	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
340	340	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
340	340	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
340	340	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
340	340	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
340	340	0	108883	Toluene	1	3.13E-01	2.76E-05	1
340	340	0	110543	Hexane	1	0.00E+00	1.76E-07	1
340	340	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
340	340	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
340	340	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
340	340	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
340	340	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
340	340	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
340	340	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
340	340	0	7440508	Copper	1	0.00E+00	2.68E-08	1
340	340	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
340	340	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
340	340	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
340	340	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
340	340	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
341	341	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
341	341	0	9901	DPM	1	2.09E-02	0.00E+00	1
341	341	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
341	341	0	71432	Benzene	1	3.36E-01	3.08E-05	1
341	341	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
341	341	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
341	341	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
341	341	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
341	341	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
341	341	0	108883	Toluene	1	3.01E-01	2.76E-05	1
341	341	0	110543	Hexane	1	0.00E+00	1.76E-07	1
341	341	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
341	341	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
341	341	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
341	341	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
341	341	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
341	341	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
341	341	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
341	341	0	7440508	Copper	1	0.00E+00	2.68E-08	1
341	341	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
341	341	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
341	341	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
341	341	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
341	341	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
342	342	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
342	342	0	9901	DPM	1	3.93E-03	0.00E+00	1
342	342	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
342	342	0	71432	Benzene	1	2.26E-02	2.58E-06	1
342	342	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
342	342	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
342	342	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
342	342	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
342	342	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
342	342	0	108883	Toluene	1	2.03E-02	2.32E-06	1
342	342	0	110543	Hexane	1	0.00E+00	3.63E-09	1
342	342	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
342	342	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
342	342	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
342	342	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
342	342	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
342	342	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
342	342	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
342	342	0	7440508	Copper	1	0.00E+00	5.54E-10	1
342	342	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
342	342	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
342	342	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
342	342	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
342	342	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
343	343	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
343	343	0	9901	DPM	1	3.93E-03	0.00E+00	1
343	343	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
343	343	0	71432	Benzene	1	2.26E-02	2.58E-06	1
343	343	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
343	343	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
343	343	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
343	343	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
343	343	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
343	343	0	108883	Toluene	1	2.03E-02	2.32E-06	1
343	343	0	110543	Hexane	1	0.00E+00	3.63E-09	1
343	343	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
343	343	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
343	343	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
343	343	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
343	343	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
343	343	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
343	343	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
343	343	0	7440508	Copper	1	0.00E+00	5.54E-10	1
343	343	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
343	343	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
343	343	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
343	343	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
343	343	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
344	344	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
344	344	0	9901	DPM	1	5.47E-02	0.00E+00	1
344	344	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
344	344	0	71432	Benzene	1	9.77E-01	9.23E-05	1
344	344	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
344	344	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
344	344	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
344	344	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
344	344	0	107028	Acrolein	1	0.00E+00	6.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
344	344	0	108883	Toluene	1	8.75E-01	8.27E-05	1
344	344	0	110543	Hexane	1	0.00E+00	5.27E-07	1
344	344	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
344	344	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
344	344	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
344	344	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
344	344	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
344	344	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
344	344	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
344	344	0	7440508	Copper	1	0.00E+00	8.04E-08	1
344	344	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
344	344	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
344	344	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
344	344	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
344	344	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
345	345	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
345	345	0	9901	DPM	1	2.09E-02	0.00E+00	1
345	345	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
345	345	0	71432	Benzene	1	3.14E-01	3.08E-05	1
345	345	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
345	345	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
345	345	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
345	345	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
345	345	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
345	345	0	108883	Toluene	1	2.81E-01	2.76E-05	1
345	345	0	110543	Hexane	1	0.00E+00	1.76E-07	1
345	345	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
345	345	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
345	345	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
345	345	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
345	345	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
345	345	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
345	345	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
345	345	0	7440508	Copper	1	0.00E+00	2.68E-08	1
345	345	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
345	345	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
345	345	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
345	345	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
345	345	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
346	346	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
346	346	0	9901	DPM	1	8.85E-02	0.00E+00	1
346	346	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
346	346	0	71432	Benzene	1	1.76E+00	1.54E-04	1
346	346	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
346	346	0	91203	PAHs[Napth]	1	7.22E-03	6.44E-07	1
346	346	0	100414	Ethylbenzene	1	3.51E-01	3.07E-05	1
346	346	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
346	346	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
346	346	0	108883	Toluene	1	1.57E+00	1.38E-04	1
346	346	0	110543	Hexane	1	0.00E+00	8.79E-07	1
346	346	0	1330207	Xylenes	1	1.09E+00	9.53E-05	1
346	346	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
346	346	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
346	346	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
346	346	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
346	346	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
346	346	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
346	346	0	7440508	Copper	1	0.00E+00	1.34E-07	1
346	346	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
346	346	0	7664417	Ammonia	1	3.01E-03	6.32E-04	1
346	346	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
346	346	0	7783064	Hydrogensulfide	1	6.62E-03	5.83E-07	1
346	346	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
347	347	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
347	347	0	9901	DPM	1	2.09E-02	0.00E+00	1
347	347	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
347	347	0	71432	Benzene	1	3.36E-01	3.08E-05	1
347	347	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
347	347	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
347	347	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
347	347	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
347	347	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
347	347	0	108883	Toluene	1	3.01E-01	2.76E-05	1
347	347	0	110543	Hexane	1	0.00E+00	1.76E-07	1
347	347	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
347	347	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
347	347	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
347	347	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
347	347	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
347	347	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
347	347	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
347	347	0	7440508	Copper	1	0.00E+00	2.68E-08	1
347	347	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
347	347	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
347	347	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
347	347	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
347	347	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
348	348	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
348	348	0	9901	DPM	1	5.47E-02	0.00E+00	1
348	348	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
348	348	0	71432	Benzene	1	1.01E+00	9.23E-05	1
348	348	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
348	348	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
348	348	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
348	348	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
348	348	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
348	348	0	108883	Toluene	1	9.07E-01	8.27E-05	1
348	348	0	110543	Hexane	1	0.00E+00	5.27E-07	1
348	348	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
348	348	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
348	348	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
348	348	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
348	348	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
348	348	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
348	348	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
348	348	0	7440508	Copper	1	0.00E+00	8.04E-08	1
348	348	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
348	348	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
348	348	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
348	348	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
348	348	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
349	349	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
349	349	0	9901	DPM	1	5.47E-02	0.00E+00	1
349	349	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
349	349	0	71432	Benzene	1	9.77E-01	9.23E-05	1
349	349	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
349	349	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
349	349	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
349	349	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
349	349	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
349	349	0	108883	Toluene	1	8.75E-01	8.27E-05	1
349	349	0	110543	Hexane	1	0.00E+00	5.27E-07	1
349	349	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
349	349	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
349	349	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
349	349	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
349	349	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
349	349	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
349	349	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
349	349	0	7440508	Copper	1	0.00E+00	8.04E-08	1
349	349	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
349	349	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
349	349	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
349	349	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
349	349	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
350	350	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
350	350	0	9901	DPM	1	2.09E-02	0.00E+00	1
350	350	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
350	350	0	71432	Benzene	1	3.50E-01	3.08E-05	1
350	350	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
350	350	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
350	350	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
350	350	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
350	350	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
350	350	0	108883	Toluene	1	3.13E-01	2.76E-05	1
350	350	0	110543	Hexane	1	0.00E+00	1.76E-07	1
350	350	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
350	350	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
350	350	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
350	350	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
350	350	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
350	350	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
350	350	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
350	350	0	7440508	Copper	1	0.00E+00	2.68E-08	1
350	350	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
350	350	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
350	350	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
350	350	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
350	350	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
351	351	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
351	351	0	9901	DPM	1	2.09E-02	0.00E+00	1
351	351	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
351	351	0	71432	Benzene	1	3.50E-01	3.08E-05	1
351	351	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
351	351	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
351	351	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
351	351	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
351	351	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
351	351	0	108883	Toluene	1	3.13E-01	2.76E-05	1
351	351	0	110543	Hexane	1	0.00E+00	1.76E-07	1
351	351	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
351	351	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
351	351	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
351	351	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
351	351	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
351	351	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
351	351	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
351	351	0	7440508	Copper	1	0.00E+00	2.68E-08	1
351	351	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
351	351	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
351	351	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
351	351	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
351	351	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
352	352	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
352	352	0	9901	DPM	1	2.09E-02	0.00E+00	1
352	352	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
352	352	0	71432	Benzene	1	3.14E-01	3.08E-05	1
352	352	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
352	352	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
352	352	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
352	352	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
352	352	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
352	352	0	108883	Toluene	1	2.81E-01	2.76E-05	1
352	352	0	110543	Hexane	1	0.00E+00	1.76E-07	1
352	352	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
352	352	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
352	352	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
352	352	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
352	352	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
352	352	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
352	352	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
352	352	0	7440508	Copper	1	0.00E+00	2.68E-08	1
352	352	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
352	352	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
352	352	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
352	352	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
352	352	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
353	353	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
353	353	0	9901	DPM	1	2.09E-02	0.00E+00	1
353	353	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
353	353	0	71432	Benzene	1	3.72E-01	3.08E-05	1
353	353	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
353	353	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
353	353	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
353	353	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
353	353	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
353	353	0	108883	Toluene	1	3.34E-01	2.76E-05	1
353	353	0	110543	Hexane	1	0.00E+00	1.76E-07	1
353	353	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
353	353	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
353	353	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
353	353	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
353	353	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
353	353	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
353	353	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
353	353	0	7440508	Copper	1	0.00E+00	2.68E-08	1
353	353	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
353	353	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
353	353	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
353	353	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
353	353	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
354	354	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
354	354	0	9901	DPM	1	2.09E-02	0.00E+00	1
354	354	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
354	354	0	71432	Benzene	1	3.50E-01	3.08E-05	1
354	354	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
354	354	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
354	354	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
354	354	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
354	354	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
354	354	0	108883	Toluene	1	3.13E-01	2.76E-05	1
354	354	0	110543	Hexane	1	0.00E+00	1.76E-07	1
354	354	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
354	354	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
354	354	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
354	354	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
354	354	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
354	354	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
354	354	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
354	354	0	7440508	Copper	1	0.00E+00	2.68E-08	1
354	354	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
354	354	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
354	354	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
354	354	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
354	354	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
355	355	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
355	355	0	9901	DPM	1	7.16E-02	0.00E+00	1
355	355	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
355	355	0	71432	Benzene	1	1.38E+00	1.23E-04	1
355	355	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
355	355	0	91203	PAHs[Napth]	1	5.69E-03	5.15E-07	1
355	355	0	100414	Ethylbenzene	1	2.77E-01	2.46E-05	1
355	355	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
355	355	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
355	355	0	108883	Toluene	1	1.24E+00	1.10E-04	1
355	355	0	110543	Hexane	1	0.00E+00	7.03E-07	1
355	355	0	1330207	Xylenes	1	8.59E-01	7.63E-05	1
355	355	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
355	355	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
355	355	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
355	355	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
355	355	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
355	355	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
355	355	0	7440508	Copper	1	0.00E+00	1.07E-07	1
355	355	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
355	355	0	7664417	Ammonia	1	2.37E-03	5.05E-04	1
355	355	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
355	355	0	7783064	Hydrogensulfide	1	5.22E-03	4.66E-07	1
355	355	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
356	356	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
356	356	0	9901	DPM	1	2.09E-02	0.00E+00	1
356	356	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
356	356	0	71432	Benzene	1	3.36E-01	3.08E-05	1
356	356	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
356	356	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
356	356	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
356	356	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
356	356	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
356	356	0	108883	Toluene	1	3.01E-01	2.76E-05	1
356	356	0	110543	Hexane	1	0.00E+00	1.76E-07	1
356	356	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
356	356	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
356	356	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
356	356	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
356	356	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
356	356	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
356	356	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
356	356	0	7440508	Copper	1	0.00E+00	2.68E-08	1
356	356	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
356	356	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
356	356	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
356	356	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
356	356	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
357	357	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
357	357	0	9901	DPM	1	3.93E-03	0.00E+00	1
357	357	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
357	357	0	71432	Benzene	1	2.26E-02	2.58E-06	1
357	357	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
357	357	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
357	357	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
357	357	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
357	357	0	107028	Acrolein	1	0.00E+00	4.58E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
357	357	0	108883	Toluene	1	2.03E-02	2.32E-06	1
357	357	0	110543	Hexane	1	0.00E+00	3.63E-09	1
357	357	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
357	357	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
357	357	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
357	357	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
357	357	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
357	357	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
357	357	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
357	357	0	7440508	Copper	1	0.00E+00	5.54E-10	1
357	357	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
357	357	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
357	357	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
357	357	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
357	357	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
358	358	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
358	358	0	9901	DPM	1	2.09E-02	0.00E+00	1
358	358	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
358	358	0	71432	Benzene	1	3.14E-01	3.08E-05	1
358	358	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
358	358	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
358	358	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
358	358	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
358	358	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
358	358	0	108883	Toluene	1	2.81E-01	2.76E-05	1
358	358	0	110543	Hexane	1	0.00E+00	1.76E-07	1
358	358	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
358	358	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
358	358	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
358	358	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
358	358	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
358	358	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
358	358	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
358	358	0	7440508	Copper	1	0.00E+00	2.68E-08	1
358	358	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
358	358	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
358	358	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
358	358	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
358	358	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
359	359	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
359	359	0	9901	DPM	1	2.09E-02	0.00E+00	1
359	359	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
359	359	0	71432	Benzene	1	3.14E-01	3.08E-05	1
359	359	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
359	359	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
359	359	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
359	359	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
359	359	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
359	359	0	108883	Toluene	1	2.81E-01	2.76E-05	1
359	359	0	110543	Hexane	1	0.00E+00	1.76E-07	1
359	359	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
359	359	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
359	359	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
359	359	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
359	359	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
359	359	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
359	359	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
359	359	0	7440508	Copper	1	0.00E+00	2.68E-08	1
359	359	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
359	359	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
359	359	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
359	359	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
359	359	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
360	360	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
360	360	0	9901	DPM	1	2.09E-02	0.00E+00	1
360	360	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
360	360	0	71432	Benzene	1	3.36E-01	3.08E-05	1
360	360	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
360	360	0	91203	PAHs[Napth]	1	1.39E-03	1.29E-07	1
360	360	0	100414	Ethylbenzene	1	6.72E-02	6.14E-06	1
360	360	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
360	360	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
360	360	0	108883	Toluene	1	3.01E-01	2.76E-05	1
360	360	0	110543	Hexane	1	0.00E+00	1.76E-07	1
360	360	0	1330207	Xylenes	1	2.08E-01	1.91E-05	1
360	360	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
360	360	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
360	360	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
360	360	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
360	360	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
360	360	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
360	360	0	7440508	Copper	1	0.00E+00	2.68E-08	1
360	360	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
360	360	0	7664417	Ammonia	1	5.79E-04	1.26E-04	1
360	360	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
360	360	0	7783064	Hydrogensulfide	1	1.27E-03	1.17E-07	1
360	360	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
361	361	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
361	361	0	9901	DPM	1	2.09E-02	0.00E+00	1
361	361	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
361	361	0	71432	Benzene	1	3.95E-01	3.08E-05	1
361	361	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
361	361	0	91203	PAHs[Napth]	1	1.62E-03	1.29E-07	1
361	361	0	100414	Ethylbenzene	1	7.89E-02	6.14E-06	1
361	361	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
361	361	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
361	361	0	108883	Toluene	1	3.54E-01	2.76E-05	1
361	361	0	110543	Hexane	1	0.00E+00	1.76E-07	1
361	361	0	1330207	Xylenes	1	2.45E-01	1.91E-05	1
361	361	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
361	361	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
361	361	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
361	361	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
361	361	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
361	361	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
361	361	0	7440508	Copper	1	0.00E+00	2.68E-08	1
361	361	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
361	361	0	7664417	Ammonia	1	6.76E-04	1.26E-04	1
361	361	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
361	361	0	7783064	Hydrogensulfide	1	1.49E-03	1.17E-07	1
361	361	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
362	362	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
362	362	0	9901	DPM	1	2.09E-02	0.00E+00	1
362	362	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
362	362	0	71432	Benzene	1	3.50E-01	3.08E-05	1
362	362	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
362	362	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
362	362	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
362	362	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
362	362	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
362	362	0	108883	Toluene	1	3.13E-01	2.76E-05	1
362	362	0	110543	Hexane	1	0.00E+00	1.76E-07	1
362	362	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
362	362	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
362	362	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
362	362	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
362	362	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
362	362	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
362	362	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
362	362	0	7440508	Copper	1	0.00E+00	2.68E-08	1
362	362	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
362	362	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
362	362	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
362	362	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
362	362	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
363	363	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
363	363	0	9901	DPM	1	3.78E-02	0.00E+00	1
363	363	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
363	363	0	71432	Benzene	1	6.99E-01	6.15E-05	1
363	363	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
363	363	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
363	363	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
363	363	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
363	363	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
363	363	0	108883	Toluene	1	6.27E-01	5.51E-05	1
363	363	0	110543	Hexane	1	0.00E+00	3.52E-07	1
363	363	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
363	363	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
363	363	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
363	363	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
363	363	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
363	363	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
363	363	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
363	363	0	7440508	Copper	1	0.00E+00	5.36E-08	1
363	363	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
363	363	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
363	363	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
363	363	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
363	363	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
364	364	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1
364	364	0	9901	DPM	1	7.16E-02	0.00E+00	1
364	364	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
364	364	0	71432	Benzene	1	1.33E+00	1.23E-04	1
364	364	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
364	364	0	91203	PAHs[Napth]	1	5.46E-03	5.15E-07	1
364	364	0	100414	Ethylbenzene	1	2.65E-01	2.46E-05	1
364	364	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
364	364	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
364	364	0	108883	Toluene	1	1.19E+00	1.10E-04	1
364	364	0	110543	Hexane	1	0.00E+00	7.03E-07	1
364	364	0	1330207	Xylenes	1	8.22E-01	7.63E-05	1
364	364	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
364	364	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
364	364	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
364	364	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
364	364	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
364	364	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
364	364	0	7440508	Copper	1	0.00E+00	1.07E-07	1
364	364	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
364	364	0	7664417	Ammonia	1	2.28E-03	5.05E-04	1
364	364	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
364	364	0	7783064	Hydrogensulfide	1	5.01E-03	4.66E-07	1
364	364	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
365	365	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
365	365	0	9901	DPM	1	3.78E-02	0.00E+00	1
365	365	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
365	365	0	71432	Benzene	1	6.99E-01	6.15E-05	1
365	365	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
365	365	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
365	365	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
365	365	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
365	365	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
365	365	0	108883	Toluene	1	6.27E-01	5.51E-05	1
365	365	0	110543	Hexane	1	0.00E+00	3.52E-07	1
365	365	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
365	365	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
365	365	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
365	365	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
365	365	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
365	365	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
365	365	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
365	365	0	7440508	Copper	1	0.00E+00	5.36E-08	1
365	365	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
365	365	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
365	365	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
365	365	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
365	365	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
366	366	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
366	366	0	9901	DPM	1	2.09E-02	0.00E+00	1
366	366	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
366	366	0	71432	Benzene	1	3.72E-01	3.08E-05	1
366	366	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
366	366	0	91203	PAHs[Napth]	1	1.53E-03	1.29E-07	1
366	366	0	100414	Ethylbenzene	1	7.44E-02	6.14E-06	1
366	366	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
366	366	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
366	366	0	108883	Toluene	1	3.34E-01	2.76E-05	1
366	366	0	110543	Hexane	1	0.00E+00	1.76E-07	1
366	366	0	1330207	Xylenes	1	2.31E-01	1.91E-05	1
366	366	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
366	366	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
366	366	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
366	366	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
366	366	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
366	366	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
366	366	0	7440508	Copper	1	0.00E+00	2.68E-08	1
366	366	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
366	366	0	7664417	Ammonia	1	6.37E-04	1.26E-04	1
366	366	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
366	366	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
366	366	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
367	367	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
367	367	0	9901	DPM	1	3.78E-02	0.00E+00	1
367	367	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
367	367	0	71432	Benzene	1	6.63E-01	6.15E-05	1
367	367	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
367	367	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
367	367	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
367	367	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
367	367	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
367	367	0	108883	Toluene	1	5.94E-01	5.51E-05	1
367	367	0	110543	Hexane	1	0.00E+00	3.52E-07	1
367	367	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
367	367	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
367	367	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
367	367	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
367	367	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
367	367	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
367	367	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
367	367	0	7440508	Copper	1	0.00E+00	5.36E-08	1
367	367	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
367	367	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
367	367	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
367	367	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
367	367	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
368	368	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
368	368	0	9901	DPM	1	5.47E-02	0.00E+00	1
368	368	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
368	368	0	71432	Benzene	1	1.01E+00	9.23E-05	1
368	368	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
368	368	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
368	368	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
368	368	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
368	368	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
368	368	0	108883	Toluene	1	9.07E-01	8.27E-05	1
368	368	0	110543	Hexane	1	0.00E+00	5.27E-07	1
368	368	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
368	368	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
368	368	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
368	368	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
368	368	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
368	368	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
368	368	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
368	368	0	7440508	Copper	1	0.00E+00	8.04E-08	1
368	368	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
368	368	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
368	368	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
368	368	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
368	368	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
369	369	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
369	369	0	9901	DPM	1	3.93E-03	0.00E+00	1
369	369	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
369	369	0	71432	Benzene	1	2.26E-02	2.58E-06	1
369	369	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
369	369	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
369	369	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
369	369	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
369	369	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
369	369	0	108883	Toluene	1	2.03E-02	2.32E-06	1
369	369	0	110543	Hexane	1	0.00E+00	3.63E-09	1
369	369	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
369	369	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
369	369	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
369	369	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
369	369	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
369	369	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
369	369	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
369	369	0	7440508	Copper	1	0.00E+00	5.54E-10	1
369	369	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
369	369	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
369	369	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
369	369	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
369	369	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
370	370	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
370	370	0	9901	DPM	1	2.09E-02	0.00E+00	1
370	370	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
370	370	0	71432	Benzene	1	3.50E-01	3.08E-05	1
370	370	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
370	370	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
370	370	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
370	370	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
370	370	0	107028	Acrolein	1	0.00E+00	2.22E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
370	370	0	108883	Toluene	1	3.13E-01	2.76E-05	1
370	370	0	110543	Hexane	1	0.00E+00	1.76E-07	1
370	370	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
370	370	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
370	370	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
370	370	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
370	370	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
370	370	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
370	370	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
370	370	0	7440508	Copper	1	0.00E+00	2.68E-08	1
370	370	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
370	370	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
370	370	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
370	370	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
370	370	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
371	371	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
371	371	0	9901	DPM	1	5.47E-02	0.00E+00	1
371	371	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
371	371	0	71432	Benzene	1	1.01E+00	9.23E-05	1
371	371	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
371	371	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
371	371	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
371	371	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
371	371	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
371	371	0	108883	Toluene	1	9.07E-01	8.27E-05	1
371	371	0	110543	Hexane	1	0.00E+00	5.27E-07	1
371	371	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
371	371	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
371	371	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
371	371	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
371	371	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
371	371	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
371	371	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
371	371	0	7440508	Copper	1	0.00E+00	8.04E-08	1
371	371	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
371	371	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
371	371	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
371	371	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
371	371	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
372	372	0	1151	PAHs[Napth]	1	0.00E+00	7.56E-09	1
372	372	0	9901	DPM	1	3.94E-03	0.00E+00	1
372	372	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
372	372	0	71432	Benzene	1	2.26E-02	2.58E-06	1
372	372	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
372	372	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
372	372	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
372	372	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
372	372	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
372	372	0	108883	Toluene	1	2.03E-02	2.32E-06	1
372	372	0	110543	Hexane	1	0.00E+00	3.64E-09	1
372	372	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
372	372	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
372	372	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
372	372	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
372	372	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
372	372	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
372	372	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
372	372	0	7440508	Copper	1	0.00E+00	5.55E-10	1
372	372	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
372	372	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1
372	372	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
372	372	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
372	372	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
373	373	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
373	373	0	9901	DPM	1	2.09E-02	0.00E+00	1
373	373	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
373	373	0	71432	Benzene	1	3.50E-01	3.08E-05	1
373	373	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
373	373	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
373	373	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
373	373	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
373	373	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
373	373	0	108883	Toluene	1	3.13E-01	2.76E-05	1
373	373	0	110543	Hexane	1	0.00E+00	1.76E-07	1
373	373	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
373	373	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
373	373	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
373	373	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
373	373	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
373	373	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
373	373	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
373	373	0	7440508	Copper	1	0.00E+00	2.68E-08	1
373	373	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
373	373	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
373	373	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
373	373	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
373	373	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
374	374	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
374	374	0	9901	DPM	1	2.09E-02	0.00E+00	1
374	374	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
374	374	0	71432	Benzene	1	3.50E-01	3.08E-05	1
374	374	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
374	374	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
374	374	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
374	374	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
374	374	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
374	374	0	108883	Toluene	1	3.13E-01	2.76E-05	1
374	374	0	110543	Hexane	1	0.00E+00	1.76E-07	1
374	374	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
374	374	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
374	374	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
374	374	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
374	374	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
374	374	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
374	374	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
374	374	0	7440508	Copper	1	0.00E+00	2.68E-08	1
374	374	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
374	374	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
374	374	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
374	374	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
374	374	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
375	375	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
375	375	0	9901	DPM	1	2.09E-02	0.00E+00	1
375	375	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
375	375	0	71432	Benzene	1	3.50E-01	3.08E-05	1
375	375	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
375	375	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
375	375	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
375	375	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
375	375	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
375	375	0	108883	Toluene	1	3.13E-01	2.76E-05	1
375	375	0	110543	Hexane	1	0.00E+00	1.76E-07	1
375	375	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
375	375	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
375	375	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
375	375	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
375	375	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
375	375	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
375	375	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
375	375	0	7440508	Copper	1	0.00E+00	2.68E-08	1
375	375	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
375	375	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
375	375	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
375	375	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
375	375	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
376	376	0	1151	PAHs[Napth]	1	0.00E+00	7.56E-09	1
376	376	0	9901	DPM	1	3.94E-03	0.00E+00	1
376	376	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
376	376	0	71432	Benzene	1	2.26E-02	2.58E-06	1
376	376	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
376	376	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
376	376	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
376	376	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
376	376	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
376	376	0	108883	Toluene	1	2.03E-02	2.32E-06	1
376	376	0	110543	Hexane	1	0.00E+00	3.64E-09	1
376	376	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
376	376	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
376	376	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
376	376	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
376	376	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
376	376	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
376	376	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
376	376	0	7440508	Copper	1	0.00E+00	5.55E-10	1
376	376	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
376	376	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
376	376	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
376	376	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
376	376	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
377	377	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
377	377	0	9901	DPM	1	2.09E-02	0.00E+00	1
377	377	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
377	377	0	71432	Benzene	1	3.50E-01	3.08E-05	1
377	377	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
377	377	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
377	377	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
377	377	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
377	377	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
377	377	0	108883	Toluene	1	3.13E-01	2.76E-05	1
377	377	0	110543	Hexane	1	0.00E+00	1.76E-07	1
377	377	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
377	377	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
377	377	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
377	377	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
377	377	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
377	377	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
377	377	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
377	377	0	7440508	Copper	1	0.00E+00	2.68E-08	1
377	377	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
377	377	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
377	377	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
377	377	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
377	377	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
378	378	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
378	378	0	9901	DPM	1	3.78E-02	0.00E+00	1
378	378	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
378	378	0	71432	Benzene	1	6.72E-01	6.15E-05	1
378	378	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
378	378	0	91203	PAHs[Napth]	1	2.78E-03	2.57E-07	1
378	378	0	100414	Ethylbenzene	1	1.34E-01	1.23E-05	1
378	378	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
378	378	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
378	378	0	108883	Toluene	1	6.03E-01	5.51E-05	1
378	378	0	110543	Hexane	1	0.00E+00	3.52E-07	1
378	378	0	1330207	Xylenes	1	4.17E-01	3.81E-05	1
378	378	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
378	378	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
378	378	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
378	378	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
378	378	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
378	378	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
378	378	0	7440508	Copper	1	0.00E+00	5.36E-08	1
378	378	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
378	378	0	7664417	Ammonia	1	1.16E-03	2.53E-04	1
378	378	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
378	378	0	7783064	Hydrogensulfide	1	2.55E-03	2.33E-07	1
378	378	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
379	379	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
379	379	0	9901	DPM	1	2.09E-02	0.00E+00	1
379	379	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
379	379	0	71432	Benzene	1	3.14E-01	3.08E-05	1
379	379	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
379	379	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
379	379	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
379	379	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
379	379	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
379	379	0	108883	Toluene	1	2.81E-01	2.76E-05	1
379	379	0	110543	Hexane	1	0.00E+00	1.76E-07	1
379	379	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
379	379	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
379	379	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
379	379	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
379	379	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
379	379	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
379	379	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
379	379	0	7440508	Copper	1	0.00E+00	2.68E-08	1
379	379	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
379	379	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
379	379	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
379	379	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
379	379	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
380	380	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
380	380	0	9901	DPM	1	1.73E-02	0.00E+00	1
380	380	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
380	380	0	71432	Benzene	1	3.14E-01	3.08E-05	1
380	380	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
380	380	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
380	380	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
380	380	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
380	380	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
380	380	0	108883	Toluene	1	2.81E-01	2.76E-05	1
380	380	0	110543	Hexane	1	0.00E+00	1.76E-07	1
380	380	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
380	380	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
380	380	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
380	380	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
380	380	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
380	380	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
380	380	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
380	380	0	7440508	Copper	1	0.00E+00	2.68E-08	1
380	380	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
380	380	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
380	380	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
380	380	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
380	380	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
381	381	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
381	381	0	9901	DPM	1	2.09E-02	0.00E+00	1
381	381	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
381	381	0	71432	Benzene	1	3.50E-01	3.08E-05	1
381	381	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
381	381	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
381	381	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
381	381	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
381	381	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
381	381	0	108883	Toluene	1	3.13E-01	2.76E-05	1
381	381	0	110543	Hexane	1	0.00E+00	1.76E-07	1
381	381	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
381	381	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
381	381	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
381	381	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
381	381	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
381	381	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
381	381	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
381	381	0	7440508	Copper	1	0.00E+00	2.68E-08	1
381	381	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
381	381	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
381	381	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
381	381	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
381	381	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
382	382	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
382	382	0	9901	DPM	1	5.47E-02	0.00E+00	1
382	382	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
382	382	0	71432	Benzene	1	1.01E+00	9.23E-05	1
382	382	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
382	382	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
382	382	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
382	382	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
382	382	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
382	382	0	108883	Toluene	1	9.07E-01	8.27E-05	1
382	382	0	110543	Hexane	1	0.00E+00	5.27E-07	1
382	382	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
382	382	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
382	382	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
382	382	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
382	382	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
382	382	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
382	382	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
382	382	0	7440508	Copper	1	0.00E+00	8.04E-08	1
382	382	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
382	382	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
382	382	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
382	382	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
382	382	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
383	383	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
383	383	0	9901	DPM	1	5.47E-02	0.00E+00	1
383	383	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
383	383	0	71432	Benzene	1	9.77E-01	9.23E-05	1
383	383	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
383	383	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
383	383	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
383	383	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
383	383	0	107028	Acrolein	1	0.00E+00	6.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
383	383	0	108883	Toluene	1	8.75E-01	8.27E-05	1
383	383	0	110543	Hexane	1	0.00E+00	5.27E-07	1
383	383	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
383	383	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
383	383	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
383	383	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
383	383	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
383	383	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
383	383	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
383	383	0	7440508	Copper	1	0.00E+00	8.04E-08	1
383	383	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
383	383	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
383	383	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
383	383	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
383	383	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
384	384	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
384	384	0	9901	DPM	1	3.78E-02	0.00E+00	1
384	384	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
384	384	0	71432	Benzene	1	6.99E-01	6.15E-05	1
384	384	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
384	384	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
384	384	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
384	384	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
384	384	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
384	384	0	108883	Toluene	1	6.27E-01	5.51E-05	1
384	384	0	110543	Hexane	1	0.00E+00	3.52E-07	1
384	384	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
384	384	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
384	384	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
384	384	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
384	384	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
384	384	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
384	384	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
384	384	0	7440508	Copper	1	0.00E+00	5.36E-08	1
384	384	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
384	384	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
384	384	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
384	384	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
384	384	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
385	385	0	1151	PAHs[Napth]	1	0.00E+00	2.19E-06	1
385	385	0	9901	DPM	1	1.05E-01	0.00E+00	1
385	385	0	50000	Formaldehyde	1	0.00E+00	6.77E-05	1
385	385	0	71432	Benzene	1	1.99E+00	1.85E-04	1
385	385	0	75070	Acetaldehyde	1	0.00E+00	3.07E-05	1
385	385	0	91203	PAHs[Napth]	1	8.19E-03	7.72E-07	1
385	385	0	100414	Ethylbenzene	1	3.97E-01	3.69E-05	1
385	385	0	106990	Butadiene[13]	1	0.00E+00	8.52E-06	1
385	385	0	107028	Acrolein	1	0.00E+00	1.33E-06	1
385	385	0	108883	Toluene	1	1.78E+00	1.65E-04	1
385	385	0	110543	Hexane	1	0.00E+00	1.05E-06	1
385	385	0	1330207	Xylenes	1	1.23E+00	1.14E-04	1
385	385	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	3.25E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
385	385	0	7439965	Manganese	1	0.00E+00	1.22E-07	1
385	385	0	7439976	Mercury	1	0.00E+00	7.84E-08	1
385	385	0	7440020	Nickel	1	0.00E+00	1.53E-07	1
385	385	0	7440382	Arsenic	1	0.00E+00	6.27E-08	1
385	385	0	7440439	Cadmium	1	0.00E+00	5.88E-08	1
385	385	0	7440508	Copper	1	0.00E+00	1.61E-07	1
385	385	0	7647010	Hydrochloricacid	1	0.00E+00	7.30E-06	1
385	385	0	7664417	Ammonia	1	3.41E-03	7.58E-04	1
385	385	0	7782492	Selenium	1	0.00E+00	8.63E-08	1
385	385	0	7783064	Hydrogensulfide	1	7.51E-03	6.99E-07	1
385	385	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.92E-09	1
386	386	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
386	386	0	9901	DPM	1	3.78E-02	0.00E+00	1
386	386	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
386	386	0	71432	Benzene	1	6.63E-01	6.15E-05	1
386	386	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
386	386	0	91203	PAHs[Napth]	1	2.73E-03	2.57E-07	1
386	386	0	100414	Ethylbenzene	1	1.32E-01	1.23E-05	1
386	386	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
386	386	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
386	386	0	108883	Toluene	1	5.94E-01	5.51E-05	1
386	386	0	110543	Hexane	1	0.00E+00	3.52E-07	1
386	386	0	1330207	Xylenes	1	4.11E-01	3.81E-05	1
386	386	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
386	386	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
386	386	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
386	386	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
386	386	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
386	386	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
386	386	0	7440508	Copper	1	0.00E+00	5.36E-08	1
386	386	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
386	386	0	7664417	Ammonia	1	1.14E-03	2.53E-04	1
386	386	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
386	386	0	7783064	Hydrogensulfide	1	2.50E-03	2.33E-07	1
386	386	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
387	387	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
387	387	0	9901	DPM	1	2.09E-02	0.00E+00	1
387	387	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
387	387	0	71432	Benzene	1	3.50E-01	3.08E-05	1
387	387	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
387	387	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
387	387	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
387	387	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
387	387	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
387	387	0	108883	Toluene	1	3.13E-01	2.76E-05	1
387	387	0	110543	Hexane	1	0.00E+00	1.76E-07	1
387	387	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
387	387	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
387	387	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
387	387	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
387	387	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
387	387	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
387	387	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
387	387	0	7440508	Copper	1	0.00E+00	2.68E-08	1
387	387	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
387	387	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
387	387	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
387	387	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
387	387	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
388	388	0	1151	PAHs[Napth]	1	0.00E+00	1.83E-06	1
388	388	0	9901	DPM	1	8.85E-02	0.00E+00	1
388	388	0	50000	Formaldehyde	1	0.00E+00	5.64E-05	1
388	388	0	71432	Benzene	1	1.72E+00	1.54E-04	1
388	388	0	75070	Acetaldehyde	1	0.00E+00	2.56E-05	1
388	388	0	91203	PAHs[Napth]	1	7.08E-03	6.44E-07	1
388	388	0	100414	Ethylbenzene	1	3.44E-01	3.07E-05	1
388	388	0	106990	Butadiene[13]	1	0.00E+00	7.10E-06	1
388	388	0	107028	Acrolein	1	0.00E+00	1.11E-06	1
388	388	0	108883	Toluene	1	1.54E+00	1.38E-04	1
388	388	0	110543	Hexane	1	0.00E+00	8.79E-07	1
388	388	0	1330207	Xylenes	1	1.07E+00	9.53E-05	1
388	388	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.71E-07	1
388	388	0	7439965	Manganese	1	0.00E+00	1.01E-07	1
388	388	0	7439976	Mercury	1	0.00E+00	6.53E-08	1
388	388	0	7440020	Nickel	1	0.00E+00	1.27E-07	1
388	388	0	7440382	Arsenic	1	0.00E+00	5.23E-08	1
388	388	0	7440439	Cadmium	1	0.00E+00	4.90E-08	1
388	388	0	7440508	Copper	1	0.00E+00	1.34E-07	1
388	388	0	7647010	Hydrochloricacid	1	0.00E+00	6.09E-06	1
388	388	0	7664417	Ammonia	1	2.95E-03	6.32E-04	1
388	388	0	7782492	Selenium	1	0.00E+00	7.19E-08	1
388	388	0	7783064	Hydrogensulfide	1	6.49E-03	5.83E-07	1
388	388	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.27E-09	1
389	389	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
389	389	0	9901	DPM	1	3.93E-03	0.00E+00	1
389	389	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
389	389	0	71432	Benzene	1	2.26E-02	2.58E-06	1
389	389	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
389	389	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
389	389	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
389	389	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
389	389	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
389	389	0	108883	Toluene	1	2.03E-02	2.32E-06	1
389	389	0	110543	Hexane	1	0.00E+00	3.63E-09	1
389	389	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
389	389	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
389	389	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
389	389	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
389	389	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
389	389	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
389	389	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
389	389	0	7440508	Copper	1	0.00E+00	5.54E-10	1
389	389	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
389	389	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
389	389	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
389	389	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
389	389	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
390	390	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
390	390	0	9901	DPM	1	5.47E-02	0.00E+00	1
390	390	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
390	390	0	71432	Benzene	1	9.77E-01	9.23E-05	1
390	390	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
390	390	0	91203	PAHs[Napth]	1	4.02E-03	3.86E-07	1
390	390	0	100414	Ethylbenzene	1	1.95E-01	1.84E-05	1
390	390	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
390	390	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
390	390	0	108883	Toluene	1	8.75E-01	8.27E-05	1
390	390	0	110543	Hexane	1	0.00E+00	5.27E-07	1
390	390	0	1330207	Xylenes	1	6.05E-01	5.72E-05	1
390	390	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
390	390	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
390	390	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
390	390	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
390	390	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
390	390	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
390	390	0	7440508	Copper	1	0.00E+00	8.04E-08	1
390	390	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
390	390	0	7664417	Ammonia	1	1.68E-03	3.79E-04	1
390	390	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
390	390	0	7783064	Hydrogensulfide	1	3.69E-03	3.50E-07	1
390	390	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
391	391	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
391	391	0	9901	DPM	1	3.78E-02	0.00E+00	1
391	391	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
391	391	0	71432	Benzene	1	6.99E-01	6.15E-05	1
391	391	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
391	391	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
391	391	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
391	391	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
391	391	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
391	391	0	108883	Toluene	1	6.27E-01	5.51E-05	1
391	391	0	110543	Hexane	1	0.00E+00	3.52E-07	1
391	391	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
391	391	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
391	391	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
391	391	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
391	391	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
391	391	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
391	391	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
391	391	0	7440508	Copper	1	0.00E+00	5.36E-08	1
391	391	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
391	391	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
391	391	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
391	391	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
391	391	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
392	392	0	1151	PAHs[Napth]	1	0.00E+00	1.46E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
392	392	0	9901	DPM	1	7.16E-02	0.00E+00	1
392	392	0	50000	Formaldehyde	1	0.00E+00	4.51E-05	1
392	392	0	71432	Benzene	1	1.38E+00	1.23E-04	1
392	392	0	75070	Acetaldehyde	1	0.00E+00	2.05E-05	1
392	392	0	91203	PAHs[Napth]	1	5.69E-03	5.15E-07	1
392	392	0	100414	Ethylbenzene	1	2.77E-01	2.46E-05	1
392	392	0	106990	Butadiene[13]	1	0.00E+00	5.68E-06	1
392	392	0	107028	Acrolein	1	0.00E+00	8.86E-07	1
392	392	0	108883	Toluene	1	1.24E+00	1.10E-04	1
392	392	0	110543	Hexane	1	0.00E+00	7.03E-07	1
392	392	0	1330207	Xylenes	1	8.59E-01	7.63E-05	1
392	392	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.17E-07	1
392	392	0	7439965	Manganese	1	0.00E+00	8.10E-08	1
392	392	0	7439976	Mercury	1	0.00E+00	5.23E-08	1
392	392	0	7440020	Nickel	1	0.00E+00	1.02E-07	1
392	392	0	7440382	Arsenic	1	0.00E+00	4.18E-08	1
392	392	0	7440439	Cadmium	1	0.00E+00	3.92E-08	1
392	392	0	7440508	Copper	1	0.00E+00	1.07E-07	1
392	392	0	7647010	Hydrochloricacid	1	0.00E+00	4.87E-06	1
392	392	0	7664417	Ammonia	1	2.37E-03	5.05E-04	1
392	392	0	7782492	Selenium	1	0.00E+00	5.75E-08	1
392	392	0	7783064	Hydrogensulfide	1	5.22E-03	4.66E-07	1
392	392	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.61E-09	1
393	393	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
393	393	0	9901	DPM	1	2.09E-02	0.00E+00	1
393	393	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
393	393	0	71432	Benzene	1	3.50E-01	3.08E-05	1
393	393	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
393	393	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
393	393	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
393	393	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
393	393	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
393	393	0	108883	Toluene	1	3.13E-01	2.76E-05	1
393	393	0	110543	Hexane	1	0.00E+00	1.76E-07	1
393	393	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
393	393	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
393	393	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
393	393	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
393	393	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
393	393	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
393	393	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
393	393	0	7440508	Copper	1	0.00E+00	2.68E-08	1
393	393	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
393	393	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
393	393	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
393	393	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
393	393	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
394	394	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
394	394	0	9901	DPM	1	2.09E-02	0.00E+00	1
394	394	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
394	394	0	71432	Benzene	1	3.50E-01	3.08E-05	1
394	394	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
394	394	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
394	394	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
394	394	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
394	394	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
394	394	0	108883	Toluene	1	3.13E-01	2.76E-05	1
394	394	0	110543	Hexane	1	0.00E+00	1.76E-07	1
394	394	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
394	394	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
394	394	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
394	394	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
394	394	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
394	394	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
394	394	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
394	394	0	7440508	Copper	1	0.00E+00	2.68E-08	1
394	394	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
394	394	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
394	394	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
394	394	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
394	394	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
395	395	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
395	395	0	9901	DPM	1	2.09E-02	0.00E+00	1
395	395	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
395	395	0	71432	Benzene	1	3.14E-01	3.08E-05	1
395	395	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
395	395	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
395	395	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
395	395	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
395	395	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
395	395	0	108883	Toluene	1	2.81E-01	2.76E-05	1
395	395	0	110543	Hexane	1	0.00E+00	1.76E-07	1
395	395	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
395	395	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
395	395	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
395	395	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
395	395	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
395	395	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
395	395	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
395	395	0	7440508	Copper	1	0.00E+00	2.68E-08	1
395	395	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
395	395	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
395	395	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
395	395	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
395	395	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
396	396	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
396	396	0	9901	DPM	1	3.78E-02	0.00E+00	1
396	396	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
396	396	0	71432	Benzene	1	6.99E-01	6.15E-05	1
396	396	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
396	396	0	91203	PAHs[Napth]	1	2.87E-03	2.57E-07	1
396	396	0	100414	Ethylbenzene	1	1.40E-01	1.23E-05	1
396	396	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
396	396	0	107028	Acrolein	1	0.00E+00	4.43E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
396	396	0	108883	Toluene	1	6.27E-01	5.51E-05	1
396	396	0	110543	Hexane	1	0.00E+00	3.52E-07	1
396	396	0	1330207	Xylenes	1	4.33E-01	3.81E-05	1
396	396	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
396	396	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
396	396	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
396	396	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
396	396	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
396	396	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
396	396	0	7440508	Copper	1	0.00E+00	5.36E-08	1
396	396	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
396	396	0	7664417	Ammonia	1	1.20E-03	2.53E-04	1
396	396	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
396	396	0	7783064	Hydrogensulfide	1	2.63E-03	2.33E-07	1
396	396	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
397	397	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
397	397	0	9901	DPM	1	2.09E-02	0.00E+00	1
397	397	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
397	397	0	71432	Benzene	1	3.50E-01	3.08E-05	1
397	397	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
397	397	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
397	397	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
397	397	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
397	397	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
397	397	0	108883	Toluene	1	3.13E-01	2.76E-05	1
397	397	0	110543	Hexane	1	0.00E+00	1.76E-07	1
397	397	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
397	397	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
397	397	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
397	397	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
397	397	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
397	397	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
397	397	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
397	397	0	7440508	Copper	1	0.00E+00	2.68E-08	1
397	397	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
397	397	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
397	397	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
397	397	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
397	397	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
398	398	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
398	398	0	9901	DPM	1	5.47E-02	0.00E+00	1
398	398	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
398	398	0	71432	Benzene	1	1.04E+00	9.23E-05	1
398	398	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
398	398	0	91203	PAHs[Napth]	1	4.26E-03	3.86E-07	1
398	398	0	100414	Ethylbenzene	1	2.07E-01	1.84E-05	1
398	398	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
398	398	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
398	398	0	108883	Toluene	1	9.28E-01	8.27E-05	1
398	398	0	110543	Hexane	1	0.00E+00	5.27E-07	1
398	398	0	1330207	Xylenes	1	6.42E-01	5.72E-05	1
398	398	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
398	398	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
398	398	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
398	398	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
398	398	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
398	398	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
398	398	0	7440508	Copper	1	0.00E+00	8.04E-08	1
398	398	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
398	398	0	7664417	Ammonia	1	1.78E-03	3.79E-04	1
398	398	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
398	398	0	7783064	Hydrogensulfide	1	3.90E-03	3.50E-07	1
398	398	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
399	399	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
399	399	0	9901	DPM	1	2.09E-02	0.00E+00	1
399	399	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
399	399	0	71432	Benzene	1	3.50E-01	3.08E-05	1
399	399	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
399	399	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
399	399	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
399	399	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
399	399	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
399	399	0	108883	Toluene	1	3.13E-01	2.76E-05	1
399	399	0	110543	Hexane	1	0.00E+00	1.76E-07	1
399	399	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
399	399	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
399	399	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
399	399	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
399	399	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
399	399	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
399	399	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
399	399	0	7440508	Copper	1	0.00E+00	2.68E-08	1
399	399	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
399	399	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
399	399	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
399	399	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
399	399	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
400	400	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
400	400	0	9901	DPM	1	2.09E-02	0.00E+00	1
400	400	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
400	400	0	71432	Benzene	1	3.14E-01	3.08E-05	1
400	400	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
400	400	0	91203	PAHs[Napth]	1	1.30E-03	1.29E-07	1
400	400	0	100414	Ethylbenzene	1	6.26E-02	6.14E-06	1
400	400	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
400	400	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
400	400	0	108883	Toluene	1	2.81E-01	2.76E-05	1
400	400	0	110543	Hexane	1	0.00E+00	1.76E-07	1
400	400	0	1330207	Xylenes	1	1.94E-01	1.91E-05	1
400	400	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
400	400	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
400	400	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
400	400	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
400	400	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
400	400	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
400	400	0	7440508	Copper	1	0.00E+00	2.68E-08	1
400	400	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
400	400	0	7664417	Ammonia	1	5.40E-04	1.26E-04	1
400	400	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
400	400	0	7783064	Hydrogensulfide	1	1.19E-03	1.17E-07	1
400	400	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
401	401	0	1151	PAHs[Napth]	1	0.00E+00	7.31E-07	1
401	401	0	9901	DPM	1	3.78E-02	0.00E+00	1
401	401	0	50000	Formaldehyde	1	0.00E+00	2.26E-05	1
401	401	0	71432	Benzene	1	6.27E-01	6.15E-05	1
401	401	0	75070	Acetaldehyde	1	0.00E+00	1.02E-05	1
401	401	0	91203	PAHs[Napth]	1	2.59E-03	2.57E-07	1
401	401	0	100414	Ethylbenzene	1	1.25E-01	1.23E-05	1
401	401	0	106990	Butadiene[13]	1	0.00E+00	2.84E-06	1
401	401	0	107028	Acrolein	1	0.00E+00	4.43E-07	1
401	401	0	108883	Toluene	1	5.62E-01	5.51E-05	1
401	401	0	110543	Hexane	1	0.00E+00	3.52E-07	1
401	401	0	1330207	Xylenes	1	3.89E-01	3.81E-05	1
401	401	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.08E-07	1
401	401	0	7439965	Manganese	1	0.00E+00	4.05E-08	1
401	401	0	7439976	Mercury	1	0.00E+00	2.61E-08	1
401	401	0	7440020	Nickel	1	0.00E+00	5.10E-08	1
401	401	0	7440382	Arsenic	1	0.00E+00	2.09E-08	1
401	401	0	7440439	Cadmium	1	0.00E+00	1.96E-08	1
401	401	0	7440508	Copper	1	0.00E+00	5.36E-08	1
401	401	0	7647010	Hydrochloricacid	1	0.00E+00	2.43E-06	1
401	401	0	7664417	Ammonia	1	1.08E-03	2.53E-04	1
401	401	0	7782492	Selenium	1	0.00E+00	2.88E-08	1
401	401	0	7783064	Hydrogensulfide	1	2.38E-03	2.33E-07	1
401	401	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.31E-09	1
402	402	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
402	402	0	9901	DPM	1	3.93E-03	0.00E+00	1
402	402	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
402	402	0	71432	Benzene	1	2.26E-02	2.58E-06	1
402	402	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
402	402	0	91203	PAHs[Napth]	1	9.37E-05	1.07E-08	1
402	402	0	100414	Ethylbenzene	1	4.53E-03	5.17E-07	1
402	402	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
402	402	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
402	402	0	108883	Toluene	1	2.03E-02	2.32E-06	1
402	402	0	110543	Hexane	1	0.00E+00	3.63E-09	1
402	402	0	1330207	Xylenes	1	1.41E-02	1.60E-06	1
402	402	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
402	402	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
402	402	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
402	402	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
402	402	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
402	402	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
402	402	0	7440508	Copper	1	0.00E+00	5.54E-10	1
402	402	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
402	402	0	7664417	Ammonia	1	3.90E-05	3.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
402	402	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
402	402	0	7783064	Hydrogensulfide	1	8.59E-05	9.80E-09	1
402	402	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
403	403	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
403	403	0	9901	DPM	1	5.47E-02	0.00E+00	1
403	403	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
403	403	0	71432	Benzene	1	1.01E+00	9.23E-05	1
403	403	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
403	403	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
403	403	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
403	403	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
403	403	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
403	403	0	108883	Toluene	1	9.07E-01	8.27E-05	1
403	403	0	110543	Hexane	1	0.00E+00	5.27E-07	1
403	403	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
403	403	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
403	403	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
403	403	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
403	403	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
403	403	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
403	403	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
403	403	0	7440508	Copper	1	0.00E+00	8.04E-08	1
403	403	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
403	403	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
403	403	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
403	403	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
403	403	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
404	404	0	1151	PAHs[Napth]	1	0.00E+00	1.10E-06	1
404	404	0	9901	DPM	1	5.47E-02	0.00E+00	1
404	404	0	50000	Formaldehyde	1	0.00E+00	3.38E-05	1
404	404	0	71432	Benzene	1	1.01E+00	9.23E-05	1
404	404	0	75070	Acetaldehyde	1	0.00E+00	1.54E-05	1
404	404	0	91203	PAHs[Napth]	1	4.16E-03	3.86E-07	1
404	404	0	100414	Ethylbenzene	1	2.02E-01	1.84E-05	1
404	404	0	106990	Butadiene[13]	1	0.00E+00	4.26E-06	1
404	404	0	107028	Acrolein	1	0.00E+00	6.65E-07	1
404	404	0	108883	Toluene	1	9.07E-01	8.27E-05	1
404	404	0	110543	Hexane	1	0.00E+00	5.27E-07	1
404	404	0	1330207	Xylenes	1	6.28E-01	5.72E-05	1
404	404	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.63E-07	1
404	404	0	7439965	Manganese	1	0.00E+00	6.08E-08	1
404	404	0	7439976	Mercury	1	0.00E+00	3.92E-08	1
404	404	0	7440020	Nickel	1	0.00E+00	7.65E-08	1
404	404	0	7440382	Arsenic	1	0.00E+00	3.14E-08	1
404	404	0	7440439	Cadmium	1	0.00E+00	2.94E-08	1
404	404	0	7440508	Copper	1	0.00E+00	8.04E-08	1
404	404	0	7647010	Hydrochloricacid	1	0.00E+00	3.65E-06	1
404	404	0	7664417	Ammonia	1	1.74E-03	3.79E-04	1
404	404	0	7782492	Selenium	1	0.00E+00	4.31E-08	1
404	404	0	7783064	Hydrogensulfide	1	3.82E-03	3.50E-07	1
404	404	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.96E-09	1
405	405	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
405	405	0	9901	DPM	1	2.09E-02	0.00E+00	1
405	405	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
405	405	0	71432	Benzene	1	3.50E-01	3.08E-05	1
405	405	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
405	405	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
405	405	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
405	405	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
405	405	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
405	405	0	108883	Toluene	1	3.13E-01	2.76E-05	1
405	405	0	110543	Hexane	1	0.00E+00	1.76E-07	1
405	405	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
405	405	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
405	405	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
405	405	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
405	405	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
405	405	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
405	405	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
405	405	0	7440508	Copper	1	0.00E+00	2.68E-08	1
405	405	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
405	405	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
405	405	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
405	405	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
405	405	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
406	406	0	1151	PAHs[Napth]	1	0.00E+00	3.65E-07	1
406	406	0	9901	DPM	1	2.09E-02	0.00E+00	1
406	406	0	50000	Formaldehyde	1	0.00E+00	1.13E-05	1
406	406	0	71432	Benzene	1	3.50E-01	3.08E-05	1
406	406	0	75070	Acetaldehyde	1	0.00E+00	5.12E-06	1
406	406	0	91203	PAHs[Napth]	1	1.43E-03	1.29E-07	1
406	406	0	100414	Ethylbenzene	1	6.98E-02	6.14E-06	1
406	406	0	106990	Butadiene[13]	1	0.00E+00	1.42E-06	1
406	406	0	107028	Acrolein	1	0.00E+00	2.22E-07	1
406	406	0	108883	Toluene	1	3.13E-01	2.76E-05	1
406	406	0	110543	Hexane	1	0.00E+00	1.76E-07	1
406	406	0	1330207	Xylenes	1	2.17E-01	1.91E-05	1
406	406	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.42E-08	1
406	406	0	7439965	Manganese	1	0.00E+00	2.03E-08	1
406	406	0	7439976	Mercury	1	0.00E+00	1.31E-08	1
406	406	0	7440020	Nickel	1	0.00E+00	2.55E-08	1
406	406	0	7440382	Arsenic	1	0.00E+00	1.05E-08	1
406	406	0	7440439	Cadmium	1	0.00E+00	9.80E-09	1
406	406	0	7440508	Copper	1	0.00E+00	2.68E-08	1
406	406	0	7647010	Hydrochloricacid	1	0.00E+00	1.22E-06	1
406	406	0	7664417	Ammonia	1	5.98E-04	1.26E-04	1
406	406	0	7782492	Selenium	1	0.00E+00	1.44E-08	1
406	406	0	7783064	Hydrogensulfide	1	1.31E-03	1.17E-07	1
406	406	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.53E-10	1
407	407	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
407	407	0	9901	DPM	1	3.94E-03	0.00E+00	1
407	407	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
407	407	0	71432	Benzene	1	4.53E-02	5.17E-06	1
407	407	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario 1 - 2019 operations

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
407	407	0	91203	PAHs[Napth]	1	1.87E-04	2.14E-08	1
407	407	0	100414	Ethylbenzene	1	9.06E-03	1.03E-06	1
407	407	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
407	407	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
407	407	0	108883	Toluene	1	4.06E-02	4.63E-06	1
407	407	0	110543	Hexane	1	0.00E+00	3.63E-09	1
407	407	0	1330207	Xylenes	1	2.81E-02	3.21E-06	1
407	407	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
407	407	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
407	407	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
407	407	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
407	407	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
407	407	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
407	407	0	7440508	Copper	1	0.00E+00	5.54E-10	1
407	407	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
407	407	0	7664417	Ammonia	1	7.81E-05	3.92E-06	1
407	407	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
407	407	0	7783064	Hydrogensulfide	1	1.72E-04	1.96E-08	1
407	407	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1

Well Grids

IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AA18	1	373444	3763702	373413	3763670	43544	4	0	3	1	0	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.14E-03	4.79E-04	1.05E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AA20	2	373421	3763584	373389	3763553	43544	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AA23	3	373418	3763394	373387	3763362	43545	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AA25	4	373417	3763267	373385	3763235	43546	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AA26	5	373416	3763204	373384	3763172	43546	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AA27	6	373415	3763140	373383	3763108	43546	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AA31	7	373412	3762886	373380	3762855	43548	4	1	4	1	1	3.07E-01	6.14E-02	2.75E-01	1.91E-01	1.24E-03	5.18E-04	1.14E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AB17	8	373456	3763796	373446	3763786	4364	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AB21	9	373484	3763520	373452	3763488	43545	1	2	3	0	1	1.25E-01	2.51E-02	1.12E-01	7.78E-02	5.07E-04	2.12E-04	4.66E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AB22	10	373483	3763457	373451	3763425	43545	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AB23	11	373482	3763393	373450	3763361	43545	4	1	3	2	1	2.71E-01	5.42E-02	2.43E-01	1.68E-01	1.10E-03	4.60E-04	1.01E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AB24	12	373481	3763330	373449	3763298	43622	3	1	3	1	1	2.27E-01	4.54E-02	2.03E-01	1.41E-01	9.16E-04	3.84E-04	8.42E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AB25	13	373480	3763266	373449	3763234	43546	4	0	3	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.14E-03	4.79E-04	1.05E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AB26	14	373480	3763203	373448	3763171	43546	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AB27	15	373479	3763139	373447	3763108	43546	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AB29	16	373477	3763012	373445	3762981	43547	5	0	4	1	1	3.64E-01	7.29E-02	3.27E-01	2.26E-01	1.46E-03	6.13E-04	1.34E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AC20	17	373548	3763583	373517	3763551	43544	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC22	18	373547	3763456	373515	3763424	43545	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC27	19	373542	3763138	373511	3763107	43546	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC30	20	373540	3762948	373508	3762916	43547	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC32	21	373536	3762879	373504	3762847	43548	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AD20	22	373612	3763582	373580	3763550	43544	2	1	1	2	0	1.11E-01	2.22E-02	9.93E-02	6.87E-02	4.58E-04	1.91E-04	4.20E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AD21	23	373611	3763518	373579	3763487	43545	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AD23	24	373610	3763391	373578	3763360	43545	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AD25	25	373608	3763264	373576	3763233	43546	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AD29	26	373604	3763011	373573	3762979	43547	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AD31	27	373603	3762884	373571	3762852	43548	5	2	5	2	1	3.74E-01	7.47E-02	3.35E-01	2.32E-01	1.51E-03	6.33E-04	1.39E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AD32	28	373602	3762820	373570	3762789	43548	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE21	29	373675	3763517	373643	3763486	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE23	30	373673	3763391	373641	3763359	43545	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AE24	31	373672	3763327	373641	3763295	43622	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE25	32	373672	3763264	373640	3763232	43546	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE28	33	373669	3763073	373637	3763042	43547	3	1	3	1	1	2.27E-01	4.54E-02	2.03E-01	1.41E-01	9.16E-04	3.84E-04	8.42E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AE29	34	373668	3763010	373636	3762978	43547	2	1	1	2	1	1.11E-01	2.22E-02	9.93E-02	6.87E-02	4.58E-04	1.91E-04	4.20E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE30	35	373667	3762947	373636	3762915	43547	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE31	36	373667	3762883	373635	3762851	43548	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AE32	37	373666	3762820	373634	3762788	43548	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE33	38	373665	3762756	373633	3762724	43624	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE34	39	373664	3762693	373632	3762661	43548	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE35	40	373663	3762629	373631	3762597	43549	7	0	4	3	1	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.83E-03	7.65E-04	1.68E-03	1.89E+00	3.77E-01	1.69E+00	1.17E+00	7.79E-03	3.25E-03	7.14E-03
AE37	41	373661	3762502	373630	3762471	43549	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE45	42	373632	3762017	373600	3761985	43552	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AF34	43	373728	3762692	373696	3762660	43548	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AF35	44	373727	3762628	373695	3762597	43549	2	1	1	2	1	1.11E-01	2.22E-02	9.93E-02	6.87E-02	4.58E-04	1.91E-04	4.20E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AF36	45	373726	3762565	373694	3762533	43549	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AF42	46	373721	3762184	373689	3762153	43627	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	373803	3763579	373771	3763547	43544	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG21	48	373802	3763516	373771	3763484	43545	2	0	2	0	0	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AG22	49	373802	3763452	373770	3763421	43545	4	1	3	2	1	2.71E-01	5.42E-02	2.43E-01	1.68E-01	1.10E-03	4.60E-04	1.01E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AG27	50	373797	3763135	373766	3763103	43546	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG28	51	373797	3763072	373765	3763040	43547	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AG31	52	373794	3762881	373762	3762850	43548	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AG35	53	373791	3762628	373759	3762596	43549	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG37	54	373789	3762501	373757	3762469	43549	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG41	55	373786	3762247	373754	3762215	43551	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	373765	3762120	373733	3762088	43551	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03

Well Grids
IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AH20	57	373867	3763578	373835	3763547	43607	3	0	1	2	0	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AH22	58	373865	3763451	373833	3763420	43608	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH24	59	373864	3763325	373832	3763293	43685	4	0	2	2	1	2.48E-01	4.97E-02	2.23E-01	1.54E-01	1.00E-03	4.21E-04	9.23E-04	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AH25	60	373863	3763261	373831	3763229	43609	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH27	61	373861	3763134	373829	3763102	43610	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH28	62	373860	3763071	373828	3763039	43610	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH29	63	373859	3763007	373828	3762976	43610	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH32	64	373857	3762817	373825	3762785	43611	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH33	65	373856	3762754	373824	3762722	43688	5	0	3	2	1	3.28E-01	6.57E-02	2.94E-01	2.04E-01	1.32E-03	5.55E-04	1.22E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AH35	66	373854	3762627	373822	3762595	43612	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	373853	3762563	373822	3762531	43612	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AH37	68	373853	3762500	373821	3762468	43612	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AH39	69	373851	3762373	373819	3762341	43613	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AI22	70	373929	3763451	373897	3763419	43545	3	1	2	2	1	1.91E-01	3.82E-02	1.71E-01	1.18E-01	7.78E-04	3.25E-04	7.14E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AI24	71	373927	3763324	373896	3763292	43622	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI25	72	373927	3763260	373895	3763228	43546	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AI26	73	373926	3763197	373894	3763165	43546	2	1	3	0	1	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AI27	74	373925	3763133	373893	3763102	43546	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI28	75	373924	3763070	373892	3763038	43547	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI31	76	373922	3762880	373890	3762848	43548	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI33	77	373920	3762753	373888	3762721	43624	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI35	78	373918	3762626	373886	3762594	43549	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI37	79	373916	3762499	373885	3762467	43549	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	373993	3763450	373961	3763418	43545	3	0	2	1	0	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AJ25	81	373990	3763259	373959	3763228	43546	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	373989	3763196	373958	3763164	43546	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ27	83	373989	3763133	373957	3763101	43546	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ28	84	373988	3763069	373956	3763037	43547	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ29	85	373987	3763006	373955	3762974	43547	2	0	0	2	1	8.81E-02	1.76E-02	7.90E-02	5.47E-02	3.65E-04	1.52E-04	3.34E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AJ30	86	373986	3762942	373954	3762910	43547	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	373985	3762879	373953	3762847	43548	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AJ33	88	373984	3762752	373952	3762720	43624	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ36	89	373981	3762562	373949	3762530	43549	5	1	4	2	1	3.51E-01	7.02E-02	3.15E-01	2.18E-01	1.42E-03	5.94E-04	1.30E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AJ37	90	373980	3762498	373948	3762466	43549	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ38	91	373979	3762435	373948	3762403	43550	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AJ40	92	373978	3762308	373946	3762276	43550	2	0	2	0	0	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AK20	93	374058	3763576	374026	3763544	43544	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	374056	3763386	374024	3763354	43545	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK26	95	374053	3763195	374021	3763163	43546	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK27	96	374052	3763132	374021	3763100	43546	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK29	97	374051	3763005	374019	3762973	43547	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AK31	98	374049	3762878	374017	3762846	43548	3	1	4	0	1	2.63E-01	5.26E-02	2.36E-01	1.63E-01	1.05E-03	4.42E-04	9.69E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AK34	99	374046	3762688	374015	3762656	43548	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AK39	100	374042	3762370	374010	3762339	43550	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK40	101	374041	3762307	374010	3762275	43550	2	0	1	1	0	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AL30	102	374114	3762941	374082	3762909	43547	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AL32	103	374112	3762814	374080	3762782	43548	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AL36	104	374108	3762560	374077	3762528	43549	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AL37	105	374108	3762496	374076	3762465	43549	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AL38	106	374107	3762433	374075	3762401	43550	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AL39	107	374106	3762370	374074	3762338	43550	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AL40	108	374105	3762306	374073	3762274	43550	2	0	2	0	0	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM28	109	374179	3763067	374147	3763035	43547	2	3	4	1	0	1.92E-01	3.84E-02	1.72E-01	1.19E-01	7.83E-04	3.27E-04	7.19E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM30	110	374177	3762940	374145	3762908	43547	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM31	111	374176	3762876	374145	3762844	43548	2	0	0	2	1	8.81E-02	1.76E-02	7.90E-02	5.47E-02	3.65E-04	1.52E-04	3.34E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM32	112	374176	3762813	374144	3762781	43548	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03

Well Grids

IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AM33	113	374175	3762749	374143	3762717	43624	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM34	114	374174	3762686	374142	3762654	43548	2	3	4	1	1	1.92E-01	3.84E-02	1.72E-01	1.19E-01	7.83E-04	3.27E-04	7.19E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM35	115	374173	3762622	374141	3762591	43549	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AM37	116	374171	3762496	374140	3762464	43549	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM38	117	374171	3762432	374139	3762400	43550	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM39	118	374170	3762369	374138	3762337	43550	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM40	119	374172	3762300	374140	3762268	43550	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN29	120	374242	3763002	374210	3762970	43547	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN32	121	374239	3762812	374207	3762780	43548	3	1	3	1	1	2.27E-01	4.54E-02	2.03E-01	1.41E-01	9.16E-04	3.84E-04	8.42E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AN33	122	374238	3762748	374207	3762717	43624	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN34	123	374238	3762685	374206	3762653	43548	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN36	124	374236	3762558	374204	3762526	43549	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN37	125	374235	3762495	374203	3762463	43549	3	1	3	1	1	2.27E-01	4.54E-02	2.03E-01	1.41E-01	9.16E-04	3.84E-04	8.42E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AN38	126	374234	3762431	374202	3762400	43550	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AN39	127	374233	3762368	374202	3762336	43550	4	0	3	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.14E-03	4.79E-04	1.05E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AN44	128	374229	3762051	374197	3762019	43551	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO28	129	374295	3763055	374285	3763045	4365	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO30	130	374305	3762938	374273	3762906	43547	2	0	0	2	0	8.81E-02	1.76E-02	7.90E-02	5.47E-02	3.65E-04	1.52E-04	3.34E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AO32	131	374303	3762811	374271	3762779	43548	1	1	2	0	0	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO33	132	374302	3762748	374270	3762716	43624	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	374301	3762621	374269	3762589	43549	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AO37	134	374299	3762494	374267	3762462	43549	3	1	3	1	1	2.27E-01	4.54E-02	2.03E-01	1.41E-01	9.16E-04	3.84E-04	8.42E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AO38	135	374298	3762430	374266	3762399	43550	4	0	2	2	1	2.48E-01	4.97E-02	2.23E-01	1.54E-01	1.00E-03	4.21E-04	9.23E-04	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AO39	136	374297	3762367	374265	3762335	43550	2	3	5	0	1	2.28E-01	4.56E-02	2.04E-01	1.42E-01	9.21E-04	3.86E-04	8.46E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AO40	137	374296	3762304	374264	3762272	43550	10	3	11	2	1	7.97E-01	1.59E-01	7.14E-01	4.94E-01	3.20E-03	1.34E-03	2.95E-03	2.69E+00	5.38E-01	2.41E+00	1.67E+00	1.11E-02	4.64E-03	1.02E-02
AO41	138	374295	3762240	374264	3762208	43551	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO42	139	374295	3762177	374263	3762145	43627	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO44	140	374318	3762049	374286	3762018	43551	3	1	4	0	1	2.63E-01	5.26E-02	2.36E-01	1.63E-01	1.05E-03	4.42E-04	9.69E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AP32	141	374367	3762810	374335	3762779	43548	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP33	142	374366	3762747	374334	3762715	43624	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP36	143	374363	3762556	374332	3762525	43549	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP37	144	374363	3762493	374331	3762461	43549	3	1	4	0	0	2.63E-01	5.26E-02	2.36E-01	1.63E-01	1.05E-03	4.42E-04	9.69E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AP38	145	374362	3762430	374330	3762398	43550	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP39	146	374361	3762366	374329	3762334	43550	4	4	7	1	1	3.75E-01	7.50E-02	3.36E-01	2.33E-01	1.52E-03	6.35E-04	1.39E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AP40	147	374360	3762303	374328	3762271	43550	14	2	8	8	1	8.78E-01	1.76E-01	7.87E-01	5.45E-01	3.57E-03	1.49E-03	3.27E-03	3.77E+00	7.53E-01	3.38E+00	2.34E+00	1.56E-02	6.50E-03	1.43E-02
AP41	148	374359	3762239	374327	3762208	43551	4	0	2	2	1	2.48E-01	4.97E-02	2.23E-01	1.54E-01	1.00E-03	4.21E-04	9.23E-04	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AP42	149	374358	3762176	374327	3762144	43627	5	0	5	0	1	4.00E-01	8.01E-02	3.59E-01	2.49E-01	1.60E-03	6.72E-04	1.47E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AP43	150	374318	3762113	374286	3762081	43551	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP47	151	374354	3761859	374322	3761827	43552	2	1	3	0	0	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AQ31	152	374420	3762854	374410	3762844	4341	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ33	153	374430	3762746	374398	3762714	43688	1	3	4	0	0	1.48E-01	2.96E-02	1.33E-01	9.19E-02	6.01E-04	2.51E-04	5.52E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ34	154	374429	3762682	374397	3762651	43612	6	1	3	4	0	3.59E-01	7.18E-02	3.22E-01	2.23E-01	1.46E-03	6.12E-04	1.34E-03	1.62E+00	3.23E-01	1.45E+00	1.00E+00	6.68E-03	2.78E-03	6.12E-03
AQ36	155	374427	3762556	374395	3762524	43612	1	1	2	0	0	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ38	156	374425	3762429	374394	3762397	43613	2	1	2	1	0	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AQ39	157	374425	3762365	374393	3762334	43613	1	2	3	0	0	1.25E-01	2.51E-02	1.12E-01	7.78E-02	5.07E-04	2.12E-04	4.66E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ40	158	374424	3762302	374392	3762270	43613	2	0	1	1	0	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AQ41	159	374423	3762238	374391	3762207	43614	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ43	160	374393	3762112	374361	3762080	43614	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AQ44	161	374381	3762049	374349	3762017	43615	4	0	2	2	1	2.48E-01	4.97E-02	2.23E-01	1.54E-01	1.00E-03	4.21E-04	9.23E-04	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AQ45	162	374387	3761985	374355	3761953	43615	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AR38	163	374468	3762450	374458	3762440	4365	3	0	1	2	0	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AR42	164	374437	3762175	374405	3762143	43690	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
B5	165	371863	3764537	371852	3764527	4364	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
B9	166	371806	3764328	371796	3764318	4364	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	371961	3764048	371929	3764016	43542	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	371960	3763985	371928	3763953	43619	0	2	2	0	0	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
D7	169	371985	3764421	371975	3764411	4344	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	371960	3764329	371950	3764319	4364	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
E10	171	372027	3764238	371996	3764206	43605	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
E12	172	372026	3764111	371994	3764079	43605	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	372025	3764362	372015	3764352	4364	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
E9	174	372028	3764301	371996	3764269	43604	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
F15	175	372076	3763957	372044	3763925	43543	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	372086	3763856	372054	3763824	43543	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	372097	3764561	372087	3764551	4364	1	1	2	0	0	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
F6	178	372095	3764490	372063	3764459	43540	3	1	4	0	0	2.63E-01	5.26E-02	2.36E-01	1.63E-01	1.05E-03	4.42E-04	9.69E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
F9	179	372092	3764302	372060	3764271	43541	1	2	3	0	0	1.25E-01	2.51E-02	1.12E-01	7.78E-02	5.07E-04	2.12E-04	4.66E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
G10	180	372155	3764236	372123	3764204	43541	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	372154	3764172	372122	3764141	43542	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	372153	3764109	372121	3764077	43542	0	3	3	0	1	6.79E-02	1.36E-02	6.09E-02	4.22E-02	2.81E-04	1.17E-04	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	372152	3764046	372120	3764014	43542	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
G6	184	372158	3764490	372126	3764458	43540	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H10	185	372219	3764235	372187	3764203	43541	4	0	4	0	1	3.20E-01	6.41E-02	2.87E-01	1.99E-01	1.28E-03	5.37E-04	1.18E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
H11	186	372218	3764172	372186	3764140	43542	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H13	187	372216	3764045	372184	3764013	43542	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
H15	188	372214	3763918	372182	3763886	43543	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H16	189	372213	3763854	372182	3763822	43543	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H5	190	372223	3764552	372191	3764520	43616	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	372221	3764425	372189	3764393	43541	3	0	2	1	0	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
H8	192	372220	3764362	372188	3764330	43541	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
H9	193	372219	3764298	372188	3764267	43541	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I11	194	372281	3764171	372250	3764139	43542	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
I13	195	372280	3764044	372248	3764012	43542	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I14	196	372279	3763980	372247	3763949	43619	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I15	197	372278	3763917	372246	3763885	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I16	198	372277	3763853	372245	3763822	43543	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	372276	3763790	372244	3763758	43544	2	1	3	0	1	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
I6	200	372290	3764450	372258	3764418	43540	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I8	201	372284	3764361	372252	3764329	43541	2	1	3	0	1	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
J10	202	372346	3764233	372314	3764201	43541	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J11	203	372345	3764170	372313	3764138	43542	3	1	2	2	1	1.91E-01	3.82E-02	1.71E-01	1.18E-01	7.78E-04	3.25E-04	7.14E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
J12	204	372344	3764106	372313	3764075	43542	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J14	205	372343	3763980	372311	3763948	43619	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J17	206	372340	3763789	372308	3763757	43544	2	0	0	2	1	8.81E-02	1.76E-02	7.90E-02	5.47E-02	3.65E-04	1.52E-04	3.34E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
J18	207	372339	3763726	372307	3763694	43544	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	372364	3764659	372354	3764649	4364	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J5	209	372350	3764550	372318	3764519	43616	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J8	210	372348	3764360	372316	3764328	43541	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J9	211	372347	3764297	372315	3764265	43541	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
K10	212	372410	3764232	372378	3764201	43541	2	2	3	1	1	1.69E-01	3.39E-02	1.52E-01	1.05E-01	6.90E-04	2.88E-04	6.33E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
K11	213	372409	3764169	372377	3764137	43542	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
K12	214	372408	3764106	372376	3764074	43542	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	372406	3763979	372375	3763947	43619	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K15	216	372405	3763915	372374	3763883	43543	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K16	217	372405	3763852	372373	3763820	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K6	218	372413	3764486	372381	3764454	43540	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K9	219	372411	3764296	372379	3764264	43541	1	2	3	0	1	1.25E-01	2.51E-02	1.12E-01	7.78E-02	5.07E-04	2.12E-04	4.66E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L11	220	372473	3764168	372441	3764136	43542	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	372472	3764105	372440	3764073	43542	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L13	222	372471	3764041	372439	3764009	43542	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L15	223	372469	3763914	372437	3763882	43543	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L16	224	372468	3763851	372437	3763819	43543	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
L18	225	372467	3763724	372435	3763692	43544	2	0	0	2	1	8.81E-02	1.76E-02	7.90E-02	5.47E-02	3.65E-04	1.52E-04	3.34E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
L19	226	372466	3763661	372434	3763629	43544	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L20	227	372465	3763597	372433	3763565	43544	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L21	228	372464	3763534	372432	3763502	43545	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
L7	229	372476	3764422	372444	3764390	43541	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	372474	3764295	372443	3764263	43541	0	2	2	0	1	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	372537	3764231	372505	3764199	43541	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M11	232	372536	3764167	372505	3764135	43542	6	0	5	1	1	4.44E-01	8.89E-02	3.98E-01	2.76E-01	1.78E-03	7.48E-04	1.64E-03	1.62E+00	3.23E-01	1.45E+00	1.00E+00	6.68E-03	2.78E-03	6.12E-03
M13	233	372535	3764040	372503	3764009	43542	4	1	3	2	1	2.71E-01	5.42E-02	2.43E-01	1.68E-01	1.10E-03	4.60E-04	1.01E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
M15	234	372533	3763913	372501	3763882	43543	2	1	3	0	1	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
M6	235	372541	3764484	372509	3764453	43540	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M7	236	372540	3764421	372508	3764389	43541	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M8	237	372539	3764358	372507	3764326	43541	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M9	238	372538	3764294	372506	3764262	43541	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N10	239	372601	3764230	372569	3764198	43541	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N11	240	372600	3764166	372568	3764135	43542	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N12	241	372599	3764103	372567	3764071	43542	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N13	242	372598	3764040	372567	3764008	43542	5	2	6	1	1	4.10E-01	8.19E-02	3.67E-01	2.54E-01	1.65E-03	6.91E-04	1.52E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
N14	243	372597	3763976	372566	3763944	43619	0	3	3	0	1	6.79E-02	1.36E-02	6.09E-02	4.22E-02	2.81E-04	1.17E-04	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	372597	3763913	372565	3763881	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N17	245	372595	3763786	372563	3763754	43544	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N18	246	372594	3763722	372562	3763690	43544	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
N22	247	372601	3763451	372569	3763420	43545	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N8	248	372603	3764357	372571	3764325	43541	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N9	249	372602	3764293	372570	3764261	43541	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O12	250	372663	3764102	372631	3764070	43605	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O14	251	372661	3763975	372629	3763943	43682	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	372659	3763848	372628	3763816	43606	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O17	253	372659	3763785	372627	3763753	43607	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
O18	254	372658	3763721	372626	3763690	43607	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	372657	3763658	372625	3763626	43607	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
O20	256	372656	3763595	372624	3763563	43607	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O21	257	372655	3763531	372623	3763499	43608	3	1	3	1	1	2.27E-01	4.54E-02	2.03E-01	1.41E-01	9.16E-04	3.84E-04	8.42E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
O24	258	372653	3763341	372621	3763309	43685	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	372668	3764483	372636	3764451	43603	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O7	260	372667	3764419	372635	3764387	43604	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O8	261	372666	3764356	372635	3764324	43604	0	2	2	0	1	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	372728	3764228	372697	3764196	43541	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P11	263	372728	3764165	372696	3764133	43542	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
P12	264	372727	3764101	372695	3764069	43542	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P14	265	372725	3763974	372693	3763943	43619	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
P15	266	372724	3763911	372692	3763879	43543	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
P16	267	372723	3763847	372691	3763816	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P17	268	372722	3763784	372691	3763752	43544	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P21	269	372719	3763530	372687	3763498	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P22	270	372718	3763467	372686	3763435	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P23	271	372717	3763403	372686	3763372	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P7	272	372731	3764418	372699	3764387	43541	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	372729	3764292	372697	3764260	43541	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q11	274	372791	3764164	372759	3764132	43542	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q12	275	372790	3764100	372759	3764069	43542	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Q13	276	372790	3764037	372758	3764005	43542	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Q14	277	372789	3763974	372757	3763942	43619	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q15	278	372788	3763910	372756	3763878	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q16	279	372787	3763847	372755	3763815	43543	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Q17	280	372786	3763783	372754	3763751	43544	3	1	4	0	1	2.63E-01	5.26E-02	2.36E-01	1.63E-01	1.05E-03	4.42E-04	9.69E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03

Well Grids

IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Q18	281	372785	3763720	372754	3763688	43544	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q19	282	372784	3763656	372753	3763624	43544	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Q21	283	372783	3763529	372751	3763498	43545	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Q22	284	372782	3763466	372750	3763434	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q23	285	372781	3763403	372749	3763371	43545	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	372780	3763339	372748	3763307	43622	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q25	287	372779	3763276	372748	3763244	43546	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q8	288	372794	3764354	372762	3764322	43541	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R10	289	372856	3764226	372824	3764195	43541	4	1	3	2	1	2.71E-01	5.42E-02	2.43E-01	1.68E-01	1.10E-03	4.60E-04	1.01E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
R11	290	372855	3764163	372823	3764131	43542	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R12	291	372854	3764100	372822	3764068	43542	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R13	292	372853	3764036	372822	3764004	43542	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
R14	293	372852	3763973	372821	3763941	43619	3	1	2	2	1	1.91E-01	3.82E-02	1.71E-01	1.18E-01	7.78E-04	3.25E-04	7.14E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
R15	294	372852	3763909	372820	3763877	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R18	295	372849	3763719	372817	3763687	43544	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
R19	296	372848	3763655	372816	3763624	43544	4	1	4	1	1	3.07E-01	6.14E-02	2.75E-01	1.91E-01	1.24E-03	5.18E-04	1.14E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
R20	297	372847	3763592	372816	3763560	43544	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R24	298	372844	3763338	372812	3763306	43622	2	1	3	0	1	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
R25	299	372843	3763275	372811	3763243	43546	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R27	300	372841	3763148	372810	3763116	43546	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R7	301	372858	3764417	372827	3764385	43541	0	1	1	0	0	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	372858	3764353	372826	3764321	43541	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
R9	303	372857	3764290	372825	3764258	43541	2	1	2	1	1	1.47E-01	2.94E-02	1.32E-01	9.11E-02	5.96E-04	2.49E-04	5.47E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
S11	304	372919	3764162	372887	3764130	43542	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
S12	305	372918	3764099	372886	3764067	43542	2	1	3	0	1	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
S13	306	372917	3764035	372885	3764003	43542	5	1	3	3	1	3.15E-01	6.30E-02	2.82E-01	1.95E-01	1.28E-03	5.36E-04	1.18E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
S14	307	372916	3763972	372884	3763940	43619	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
S15	308	372915	3763908	372884	3763876	43543	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	372914	3763845	372883	3763813	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
S17	310	372914	3763781	372882	3763750	43544	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
S18	311	372913	3763718	372881	3763686	43544	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	372910	3763528	372878	3763496	43545	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
S22	313	372909	3763464	372878	3763432	43545	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
S23	314	372909	3763401	372877	3763369	43545	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
S25	315	372907	3763274	372875	3763242	43546	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	372906	3763210	372874	3763179	43546	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T13	317	372981	3764034	372949	3764003	43542	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T14	318	372980	3763971	372948	3763939	43619	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T16	319	372978	3763844	372946	3763812	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T17	320	372977	3763781	372946	3763749	43544	5	1	5	1	1	3.87E-01	7.74E-02	3.47E-01	2.40E-01	1.56E-03	6.52E-04	1.43E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
T19	321	372976	3763654	372944	3763622	43544	3	2	3	2	1	2.13E-01	4.27E-02	1.91E-01	1.33E-01	8.72E-04	3.64E-04	8.00E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
T20	322	372975	3763590	372943	3763558	43544	2	1	3	0	1	1.83E-01	3.66E-02	1.64E-01	1.13E-01	7.33E-04	3.08E-04	6.75E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
T23	323	372972	3763400	372940	3763368	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T24	324	372971	3763337	372940	3763305	43622	2	0	0	2	1	8.81E-02	1.76E-02	7.90E-02	5.47E-02	3.65E-04	1.52E-04	3.34E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
T28	325	372968	3763083	372936	3763051	43547	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T7	326	372986	3764415	372954	3764383	43541	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T9	327	372984	3764288	372952	3764256	43541	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	373046	3764160	373014	3764129	43542	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	373045	3764097	373014	3764065	43542	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U13	330	373044	3764034	373013	3764002	43542	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U14	331	373044	3763970	373012	3763938	43619	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	373043	3763907	373011	3763875	43543	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
U16	333	373042	3763843	373010	3763811	43543	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U17	334	373041	3763780	373009	3763748	43544	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U18	335	373040	3763716	373008	3763684	43544	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	373039	3763589	373007	3763558	43544	3	0	3	0	1	2.40E-01	4.81E-02	2.15E-01	1.49E-01	9.60E-04	4.03E-04	8.83E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03

Well Grids

IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
U21	337	373038	3763526	373006	3763494	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U22	338	373037	3763463	373005	3763431	43545	4	1	4	1	1	3.07E-01	6.14E-02	2.75E-01	1.91E-01	1.24E-03	5.18E-04	1.14E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
U23	339	373036	3763399	373004	3763367	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U25	340	373034	3763272	373002	3763240	43546	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U27	341	373033	3763145	373001	3763114	43546	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U8	342	373049	3764351	373017	3764319	43541	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	373111	3764223	373079	3764191	43541	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	373110	3764160	373078	3764128	43542	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
V14	345	373107	3763969	373076	3763937	43619	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V15	346	373106	3763906	373075	3763874	43543	5	2	6	1	1	4.10E-01	8.19E-02	3.67E-01	2.54E-01	1.65E-03	6.91E-04	1.52E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
V16	347	373106	3763842	373074	3763810	43543	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V17	348	373105	3763779	373073	3763747	43544	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
V18	349	373104	3763715	373072	3763684	43544	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
V19	350	373103	3763652	373071	3763620	43544	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V20	351	373102	3763589	373070	3763557	43544	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V22	352	373101	3763462	373069	3763430	43545	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V23	353	373100	3763398	373068	3763366	43545	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V25	354	373098	3763271	373066	3763240	43546	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V26	355	373097	3763208	373065	3763176	43546	4	1	4	1	1	3.07E-01	6.14E-02	2.75E-01	1.91E-01	1.24E-03	5.18E-04	1.14E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
V29	356	373095	3763018	373063	3762986	43547	1	1	1	1	0	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W11	357	373174	3764159	373142	3764127	43542	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	373173	3764095	373141	3764063	43542	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W13	359	373172	3764032	373140	3764000	43542	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W16	360	373169	3763841	373138	3763810	43543	1	1	1	1	1	6.67E-02	1.33E-02	5.98E-02	4.14E-02	2.76E-04	1.15E-04	2.53E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W19	361	373167	3763651	373135	3763619	43544	1	2	3	0	1	1.25E-01	2.51E-02	1.12E-01	7.78E-02	5.07E-04	2.12E-04	4.66E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W20	362	373166	3763588	373134	3763556	43544	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W21	363	373165	3763524	373133	3763492	43545	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
W22	364	373164	3763461	373132	3763429	43545	4	0	2	2	1	2.48E-01	4.97E-02	2.23E-01	1.54E-01	1.00E-03	4.21E-04	9.23E-04	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
W23	365	373163	3763397	373132	3763366	43545	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
W24	366	373163	3763334	373131	3763302	43622	1	1	2	0	1	1.03E-01	2.05E-02	9.21E-02	6.38E-02	4.14E-04	1.73E-04	3.80E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W25	367	373162	3763270	373130	3763239	43546	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
W26	368	373161	3763207	373129	3763175	43546	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
W27	369	373160	3763144	373128	3763112	43546	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	373234	3763904	373202	3763872	43606	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X16	371	373233	3763841	373201	3763809	43606	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
X17	372	373232	3763777	373200	3763745	43607	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	373231	3763714	373200	3763682	43607	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X20	374	373230	3763587	373198	3763555	43607	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X21	375	373229	3763523	373197	3763492	43608	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X22	376	373228	3763460	373196	3763428	43608	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	373226	3763333	373194	3763301	43685	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X28	378	373223	3763079	373191	3763048	43610	2	2	2	2	1	1.33E-01	2.67E-02	1.20E-01	8.28E-02	5.52E-04	2.30E-04	5.06E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
X30	379	373221	3762952	373189	3762921	43610	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X33	380	373232	3762791	373222	3762781	4365	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y12	381	373300	3764094	373268	3764062	43542	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y14	382	373299	3763967	373267	3763935	43619	3	0	2	1	0	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Y15	383	373298	3763903	373266	3763871	43543	3	0	1	2	0	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Y17	384	373296	3763776	373264	3763744	43544	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Y18	385	373295	3763713	373263	3763681	43544	6	0	3	3	1	3.72E-01	7.45E-02	3.34E-01	2.31E-01	1.51E-03	6.31E-04	1.38E-03	1.62E+00	3.23E-01	1.45E+00	1.00E+00	6.68E-03	2.78E-03	6.12E-03
Y20	386	373293	3763586	373262	3763554	43544	2	0	1	1	1	1.24E-01	2.48E-02	1.11E-01	7.70E-02	5.02E-04	2.10E-04	4.61E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Y21	387	373293	3763523	373261	3763491	43545	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y22	388	373292	3763459	373260	3763427	43545	5	2	5	2	1	3.74E-01	7.47E-02	3.35E-01	2.32E-01	1.51E-03	6.33E-04	1.39E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
Y23	389	373291	3763396	373259	3763364	43545	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	373288	3763205	373257	3763174	43546	3	0	1	2	1	1.68E-01	3.36E-02	1.51E-01	1.04E-01	6.85E-04	2.86E-04	6.29E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Y27	391	373288	3763142	373256	3763110	43546	2	0	2	0	1	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Y28	392	373287	3763078	373255	3763047	43547	4	1	4	1	1	3.07E-01	6.14E-02	2.75E-01	1.91E-01	1.24E-03	5.18E-04	1.14E-03	1.08E+00	2.15E-01	9.66E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03

Well Grids

IOF HRA: Scenario 1 - 2019 operations
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Y30	393	373285	3762952	373253	3762920	43547	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y31	394	373284	3762888	373252	3762856	43548	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z15	395	373361	3763902	373330	3763870	43543	1	0	0	1	0	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z16	396	373361	3763839	373329	3763807	43543	2	0	2	0	0	1.60E-01	3.20E-02	1.44E-01	9.94E-02	6.40E-04	2.69E-04	5.89E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Z17	397	373360	3763775	373328	3763744	43544	1	0	1	0	0	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z18	398	373359	3763712	373327	3763680	43544	3	1	3	1	1	2.27E-01	4.54E-02	2.03E-01	1.41E-01	9.16E-04	3.84E-04	8.42E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Z19	399	373358	3763649	373326	3763617	43544	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z20	400	373357	3763585	373325	3763553	43544	1	0	0	1	1	4.41E-02	8.81E-03	3.95E-02	2.73E-02	1.82E-04	7.60E-05	1.67E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z22	401	373356	3763458	373324	3763426	43545	2	0	0	2	1	8.81E-02	1.76E-02	7.90E-02	5.47E-02	3.65E-04	1.52E-04	3.34E-04	5.39E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Z23	402	373355	3763395	373323	3763363	43545	0	1	1	0	1	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	373354	3763331	373322	3763300	43622	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Z25	404	373353	3763268	373321	3763236	43546	3	0	2	1	1	2.04E-01	4.09E-02	1.83E-01	1.27E-01	8.22E-04	3.45E-04	7.56E-04	8.08E-01	1.61E-01	7.24E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Z29	405	373350	3763014	373318	3762982	43547	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z30	406	373349	3762951	373317	3762919	43547	1	0	1	0	1	8.01E-02	1.60E-02	7.18E-02	4.97E-02	3.20E-04	1.34E-04	2.94E-04	2.69E-01	5.38E-02	2.41E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z31	407	373348	3762887	373316	3762856	43548	0	2	2	0	1	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals						17258795	675	191	629	237	328	4.98E+01	9.97E+00	4.47E+01	3.09E+01	2.01E-01	8.43E-02	1.85E-01	1.82E+02	3.63E+01	1.63E+02	1.13E+02	7.52E-01	3.13E-01	6.89E-01

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AA20	2	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AA23	3	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AA25	4	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AA26	5	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AA27	6	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AA31	7	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AB17	8	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AB21	9	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AB22	10	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AB23	11	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AB24	12	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AB25	13	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AB26	14	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AB27	15	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AB29	16	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
AC20	17	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AC22	18	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AC27	19	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AC30	20	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AC32	21	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AD20	22	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AD21	23	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AD23	24	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AD25	25	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AD29	26	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AD31	27	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
AD32	28	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AE21	29	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AE23	30	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AE24	31	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AE25	32	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AE28	33	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AE29	34	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AE30	35	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AE31	36	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AE32	37	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AE33	38	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AE34	39	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AE35	40	7.67E-03	1.18E-01	2.37E-01	2.56E-02	1.07E-01	2.70E-03	1.50E-03	2.98E-02	4.65E-03	1.45E-02	3.69E-03	5.82E-03	1.14E-03	4.25E-04	2.74E-04	5.35E-04	2.20E-04	2.06E-04	5.63E-04	2.56E-02	2.65E+00	3.02E-04	1.37E-05
AE37	41	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AE45	42	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AF34	43	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AF35	44	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AF36	45	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AF42	46	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AG21	48	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AG22	49	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AG27	50	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AG28	51	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AG31	52	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AG35	53	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AG37	54	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AG41	55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AH22	58	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AH24	59	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AH25	60	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AH27	61	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AH28	62	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AH29	63	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AH32	64	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AH33	65	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
AH35	66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AH37	68	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AH39	69	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AI22	70	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AI24	71	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AI25	72	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AI26	73	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AI27	74	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AI28	75	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AI31	76	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AI33	77	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AI35	78	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AI37	79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AJ25	81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AJ27	83	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AJ28	84	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AJ29	85	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AJ30	86	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AJ33	88	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AJ36	89	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
AJ37	90	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AJ38	91	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AJ40	92	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AK26	95	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AK27	96	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AK29	97	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AK31	98	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AK34	99	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AK39	100	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AK40	101	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AL30	102	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AL32	103	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AL36	104	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AL37	105	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AL38	106	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AL39	107	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AL40	108	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AM28	109	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AM30	110	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AM31	111	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AM32	112	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																								
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AM34	114	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AM35	115	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AM37	116	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AM38	117	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AM39	118	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AM40	119	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AN29	120	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AN32	121	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AN33	122	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AN34	123	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AN36	124	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AN37	125	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AN38	126	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AN39	127	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AN44	128	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AO28	129	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AO30	130	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AO32	131	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AO33	132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AO37	134	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AO38	135	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AO39	136	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AO40	137	1.10E-02	1.69E-01	3.38E-01	3.65E-02	1.54E-01	3.86E-03	2.14E-03	4.26E-02	6.65E-03	2.07E-02	5.27E-03	8.31E-03	1.63E-03	6.08E-04	3.92E-04	7.65E-04	3.14E-04	2.94E-04	8.04E-04	3.65E-02	3.79E+00	4.31E-04	1.96E-05
AO41	138	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AO42	139	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AO44	140	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AP32	141	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AP33	142	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AP36	143	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AP37	144	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AP38	145	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AP39	146	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AP40	147	1.53E-02	2.37E-01	4.74E-01	5.11E-02	2.15E-01	5.41E-03	2.99E-03	5.97E-02	9.30E-03	2.89E-02	7.38E-03	1.16E-02	2.28E-03	8.51E-04	5.49E-04	1.07E-03	4.39E-04	4.12E-04	1.13E-03	5.11E-02	5.31E+00	6.04E-04	2.74E-05
AP41	148	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AP42	149	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
AP43	150	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AP47	151	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AQ31	152	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AQ33	153	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AQ34	154	6.58E-03	1.01E-01	2.03E-01	2.19E-02	9.21E-02	2.32E-03	1.28E-03	2.56E-02	3.99E-03	1.24E-02	3.16E-03	4.99E-03	9.76E-04	3.65E-04	2.35E-04	4.59E-04	1.88E-04	1.76E-04	4.82E-04	2.19E-02	2.27E+00	2.59E-04	1.18E-05
AQ36	155	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AQ38	156	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AQ39	157	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AQ40	158	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
AQ41	159	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AQ43	160	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AQ44	161	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
AQ45	162	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
AR38	163	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
AR42	164	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
B5	165	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
E10	171	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
E9	174	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
F15	175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
F6	178	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
F9	179	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
G10	180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
G6	184	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
H10	185	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
H11	186	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
H13	187	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
H15	188	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
H16	189	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
H8	192	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
H9	193	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
I11	194	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
I13	195	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
I14	196	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
I15	197	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
I16	198	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
I6	200	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
I8	201	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
J10	202	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
J11	203	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
J12	204	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
J14	205	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
J17	206	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
J18	207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
J5	209	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
J8	210	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
J9	211	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
K10	212	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
K11	213	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
K12	214	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
K15	216	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
K16	217	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
K6	218	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
K9	219	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
L11	220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
L13	222	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
L15	223	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
L16	224	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																								
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
L19	226	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
L20	227	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
L21	228	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
L7	229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
M11	232	6.58E-03	1.01E-01	2.03E-01	2.19E-02	9.21E-02	2.32E-03	1.28E-03	2.56E-02	3.99E-03	1.24E-02	3.16E-03	4.99E-03	9.76E-04	3.65E-04	2.35E-04	4.59E-04	1.88E-04	1.76E-04	4.82E-04	2.19E-02	2.27E+00	2.59E-04	1.18E-05
M13	233	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
M15	234	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
M6	235	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
M7	236	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
M8	237	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
M9	238	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N10	239	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N11	240	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N12	241	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N13	242	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
N14	243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N17	245	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N18	246	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
N22	247	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N8	248	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
N9	249	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
O12	250	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
O14	251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
O17	253	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
O18	254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
O20	256	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
O21	257	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
O7	260	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
O8	261	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
P11	263	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
P12	264	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
P14	265	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
P15	266	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
P16	267	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
P17	268	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
P21	269	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
P22	270	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
P23	271	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q11	274	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q12	275	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Q13	276	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Q14	277	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q15	278	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q16	279	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Q17	280	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q19	282	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Q21	283	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Q22	284	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q23	285	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q25	287	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Q8	288	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
R10	289	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
R11	290	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
R12	291	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
R13	292	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
R14	293	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
R15	294	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
R18	295	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
R19	296	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
R20	297	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
R24	298	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
R25	299	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
R27	300	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
R9	303	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
S11	304	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
S12	305	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
S13	306	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
S14	307	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
S15	308	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
S17	310	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
S18	311	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
S22	313	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
S23	314	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
S25	315	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
T13	317	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
T14	318	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
T16	319	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
T17	320	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
T19	321	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
T20	322	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
T23	323	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
T24	324	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
T28	325	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
T7	326	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
T9	327	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U13	330	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U14	331	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
U16	333	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U17	334	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U18	335	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U22	338	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
U23	339	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U25	340	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U27	341	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
U8	342	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
V14	345	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
V15	346	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
V16	347	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
V17	348	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
V18	349	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
V19	350	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
V20	351	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
V22	352	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
V23	353	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
V25	354	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
V26	355	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
V29	356	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
W11	357	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
W13	359	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
W16	360	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
W19	361	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
W20	362	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
W21	363	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
W22	364	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06
W23	365	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
W24	366	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
W25	367	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
W26	368	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
W27	369	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
X16	371	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
X17	372	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
X20	374	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
X21	375	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
X22	376	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
X28	378	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
X30	379	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
X33	380	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Y12	381	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Y14	382	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Y15	383	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Y17	384	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Y18	385	6.58E-03	1.01E-01	2.03E-01	2.19E-02	9.21E-02	2.32E-03	1.28E-03	2.56E-02	3.99E-03	1.24E-02	3.16E-03	4.99E-03	9.76E-04	3.65E-04	2.35E-04	4.59E-04	1.88E-04	1.76E-04	4.82E-04	2.19E-02	2.27E+00	2.59E-04	1.18E-05
Y20	386	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Y21	387	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Y22	388	5.48E-03	8.46E-02	1.69E-01	1.83E-02	7.68E-02	1.93E-03	1.07E-03	2.13E-02	3.32E-03	1.03E-02	2.64E-03	4.16E-03	8.14E-04	3.04E-04	1.96E-04	3.82E-04	1.57E-04	1.47E-04	4.02E-04	1.83E-02	1.90E+00	2.16E-04	9.80E-06
Y23	389	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Y27	391	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Y28	392	4.38E-03	6.77E-02	1.35E-01	1.46E-02	6.14E-02	1.54E-03	8.55E-04	1.70E-02	2.66E-03	8.27E-03	2.11E-03	3.32E-03	6.51E-04	2.43E-04	1.57E-04	3.06E-04	1.25E-04	1.18E-04	3.22E-04	1.46E-02	1.52E+00	1.73E-04	7.84E-06

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Y31	394	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Z15	395	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Z16	396	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Z17	397	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Z18	398	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Z19	399	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Z20	400	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Z22	401	2.19E-03	3.38E-02	6.77E-02	7.30E-03	3.07E-02	7.72E-04	4.27E-04	8.52E-03	1.33E-03	4.13E-03	1.05E-03	1.66E-03	3.25E-04	1.22E-04	7.84E-05	1.53E-04	6.27E-05	5.88E-05	1.61E-04	7.30E-03	7.58E-01	8.63E-05	3.92E-06
Z23	402	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Z25	404	3.29E-03	5.07E-02	1.02E-01	1.10E-02	4.61E-02	1.16E-03	6.41E-04	1.28E-02	1.99E-03	6.20E-03	1.58E-03	2.49E-03	4.88E-04	1.82E-04	1.18E-04	2.29E-04	9.41E-05	8.82E-05	2.41E-04	1.10E-02	1.14E+00	1.29E-04	5.88E-06
Z29	405	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Z30	406	1.10E-03	1.69E-02	3.38E-02	3.65E-03	1.54E-02	3.86E-04	2.14E-04	4.26E-03	6.65E-04	2.07E-03	5.27E-04	8.31E-04	1.63E-04	6.08E-05	3.92E-05	7.65E-05	3.14E-05	2.94E-05	8.04E-05	3.65E-03	3.79E-01	4.31E-05	1.96E-06
Z31	407	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals		7.40E-01	1.14E+01	2.28E+01	2.47E+00	1.04E+01	2.61E-01	1.44E-01	2.88E+00	4.49E-01	1.39E+00	3.56E-01	5.61E-01	1.10E-01	4.10E-02	2.65E-02	5.16E-02	2.12E-02	1.98E-02	5.43E-02	2.47E+00	2.56E+02	2.91E-02	1.32E-03

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA20	2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA23	3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA25	4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA26	5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA27	6	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA31	7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB17	8	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB21	9	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB22	10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB23	11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB24	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB25	13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB26	14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB27	15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB29	16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC20	17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC22	18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC27	19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC30	20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC32	21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD20	22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD21	23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD23	24	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD25	25	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD29	26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD31	27	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD32	28	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE21	29	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE23	30	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE24	31	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE25	32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE28	33	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE29	34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE30	35	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE31	36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE32	37	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE33	38	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE34	39	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE35	40	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE37	41	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE45	42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF34	43	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF35	44	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF36	45	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF42	46	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG21	48	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG22	49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG27	50	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG28	51	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG31	52	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG35	53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG37	54	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG41	55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH22	58	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH24	59	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH25	60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH27	61	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH28	62	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH29	63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH32	64	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH33	65	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH35	66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH37	68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH39	69	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI22	70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI24	71	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI25	72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI26	73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI27	74	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI28	75	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI31	76	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI33	77	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI35	78	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI37	79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ25	81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ27	83	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ28	84	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ29	85	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ30	86	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ33	88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ36	89	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ37	90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ38	91	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ40	92	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK26	95	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK27	96	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK29	97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK31	98	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK34	99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK39	100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK40	101	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL30	102	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL32	103	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL36	104	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL37	105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL38	106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL39	107	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL40	108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM28	109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM30	110	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM31	111	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM32	112	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM34	114	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM35	115	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM37	116	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM38	117	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM39	118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM40	119	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN29	120	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN32	121	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN33	122	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN34	123	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN36	124	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN37	125	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN38	126	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN39	127	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN44	128	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO28	129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO30	130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO32	131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO33	132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO37	134	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO38	135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO39	136	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO40	137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO41	138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO42	139	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO44	140	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP32	141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP33	142	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP36	143	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP37	144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP38	145	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP39	146	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP40	147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP41	148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP42	149	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP43	150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP47	151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ31	152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ33	153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ34	154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ36	155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ38	156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ39	157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ40	158	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ41	159	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ43	160	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ44	161	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ45	162	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR38	163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR42	164	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B5	165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E10	171	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E9	174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F15	175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F6	178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F9	179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G10	180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G6	184	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H10	185	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H11	186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H13	187	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H15	188	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H16	189	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H8	192	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H9	193	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I11	194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I13	195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I14	196	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I15	197	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I16	198	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I6	200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I8	201	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J10	202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J11	203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J12	204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J14	205	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J17	206	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J18	207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J5	209	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J8	210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J9	211	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K10	212	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K11	213	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K12	214	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K15	216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K16	217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K6	218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K9	219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L11	220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L13	222	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L15	223	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L16	224	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L19	226	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L20	227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L21	228	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L7	229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M11	232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M13	233	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M15	234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M6	235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M7	236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M8	237	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M9	238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N10	239	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N11	240	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N12	241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N13	242	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N14	243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N17	245	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N18	246	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N22	247	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N8	248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N9	249	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O12	250	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O14	251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O17	253	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O18	254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O20	256	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O21	257	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O7	260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O8	261	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P11	263	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P12	264	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P14	265	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P15	266	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P16	267	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P17	268	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P21	269	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P22	270	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P23	271	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q11	274	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q12	275	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q13	276	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q14	277	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q15	278	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q16	279	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q17	280	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q19	282	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q21	283	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q22	284	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q23	285	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q25	287	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q8	288	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R10	289	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R11	290	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R12	291	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R13	292	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R14	293	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R15	294	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R18	295	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R19	296	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R20	297	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R24	298	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R25	299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R27	300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R9	303	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S11	304	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S12	305	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S13	306	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S14	307	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S15	308	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S17	310	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S18	311	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S22	313	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S23	314	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S25	315	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T13	317	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T14	318	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T16	319	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T17	320	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T19	321	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T20	322	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T23	323	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T24	324	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T28	325	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T7	326	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T9	327	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U13	330	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U14	331	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U16	333	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U17	334	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U18	335	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U22	338	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U23	339	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U25	340	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U27	341	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U8	342	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V14	345	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V15	346	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V16	347	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V17	348	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V18	349	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V19	350	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V20	351	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V22	352	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V23	353	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V25	354	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V26	355	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V29	356	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W11	357	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W13	359	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W16	360	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W19	361	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W20	362	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W21	363	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W22	364	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W23	365	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W24	366	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W25	367	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W26	368	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W27	369	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X16	371	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X17	372	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X20	374	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X21	375	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X22	376	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X28	378	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X30	379	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X33	380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y12	381	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y14	382	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y15	383	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y17	384	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y18	385	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y20	386	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y21	387	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y22	388	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y23	389	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y27	391	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y28	392	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y31	394	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z15	395	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z16	396	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z17	397	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z18	398	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z19	399	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z20	400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z22	401	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z23	402	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z25	404	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z29	405	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z30	406	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z31	407	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA20	2	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA23	3	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA25	4	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA26	5	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA27	6	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA31	7	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB17	8	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
AB21	9	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB22	10	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB23	11	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB24	12	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AB25	13	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB26	14	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB27	15	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB29	16	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC20	17	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC22	18	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC27	19	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC30	20	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC32	21	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD20	22	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD21	23	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD23	24	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD25	25	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD29	26	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD31	27	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD32	28	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE21	29	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE23	30	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE24	31	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AE25	32	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE28	33	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE29	34	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE30	35	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE31	36	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE32	37	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE33	38	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AE34	39	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE35	40	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE37	41	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE45	42	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF34	43	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF35	44	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF36	45	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF42	46	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.67E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AG20	47	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG21	48	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG22	49	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG27	50	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG28	51	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG31	52	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG35	53	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG37	54	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG41	55	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG43	56	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH22	58	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH24	59	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
AH25	60	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH27	61	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH28	62	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH29	63	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH32	64	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH33	65	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
AH35	66	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH36	67	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH37	68	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH39	69	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AI22	70	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI24	71	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AI25	72	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI26	73	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI27	74	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI28	75	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI31	76	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI33	77	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AI35	78	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI37	79	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ22	80	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ25	81	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ26	82	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ27	83	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ28	84	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ29	85	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ30	86	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ31	87	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ33	88	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AJ36	89	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ37	90	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ38	91	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ40	92	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK20	93	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK23	94	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK26	95	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK27	96	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK29	97	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK31	98	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK34	99	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK39	100	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK40	101	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL30	102	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL32	103	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL36	104	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL37	105	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL38	106	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL39	107	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL40	108	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM28	109	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM30	110	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM31	111	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM32	112	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AM34	114	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM35	115	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM37	116	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM38	117	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM39	118	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM40	119	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN29	120	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN32	121	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN33	122	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AN34	123	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN36	124	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN37	125	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN38	126	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN39	127	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN44	128	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO28	129	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.13E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
AO30	130	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO32	131	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO33	132	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AO35	133	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO37	134	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO38	135	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO39	136	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO40	137	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO41	138	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO42	139	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.67E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AO44	140	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP32	141	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP33	142	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AP36	143	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP37	144	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP38	145	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP39	146	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP40	147	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP41	148	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP42	149	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.67E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AP43	150	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP47	151	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AQ31	152	2.26E-06	3.92E-04	6.98E-05	7.53E-06	3.17E-05	7.96E-07	4.40E-07	8.79E-06	1.37E-06	4.26E-06	1.09E-06	1.71E-06	3.35E-07	1.25E-07	8.08E-08	1.58E-07	6.47E-08	6.06E-08	1.66E-07	7.53E-06	1.17E-03	8.89E-08	4.04E-09
AQ33	153	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
AQ34	154	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ36	155	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ38	156	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ39	157	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ40	158	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ41	159	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ43	160	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ44	161	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ45	162	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AR38	163	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.13E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
AR42	164	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
B5	165	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
B9	166	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
D13	167	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
D14	168	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	2.26E-06	3.93E-04	6.98E-05	7.53E-06	3.17E-05	7.97E-07	4.41E-07	8.79E-06	1.37E-06	4.26E-06	1.09E-06	1.71E-06	3.36E-07	1.25E-07	8.09E-08	1.58E-07	6.47E-08	6.07E-08	1.66E-07	7.53E-06	1.17E-03	8.90E-08	4.04E-09
D9	170	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
E10	171	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
E12	172	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
E8	173	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
E9	174	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
F15	175	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
F16	176	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
F5	177	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
F6	178	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
F9	179	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G10	180	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G11	181	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G12	182	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G13	183	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G6	184	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H10	185	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H11	186	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H13	187	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H15	188	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H16	189	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H5	190	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
H7	191	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H8	192	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H9	193	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I11	194	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I13	195	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I14	196	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
I15	197	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I16	198	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I17	199	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I6	200	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I8	201	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J10	202	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J11	203	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J12	204	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J14	205	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
J17	206	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J18	207	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J3	208	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
J5	209	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
J8	210	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J9	211	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K10	212	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K11	213	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K12	214	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K14	215	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
K15	216	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K16	217	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K6	218	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K9	219	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L11	220	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L12	221	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L13	222	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L15	223	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L16	224	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L19	226	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L20	227	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L21	228	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L7	229	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L9	230	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M10	231	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M11	232	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M13	233	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M15	234	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M6	235	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M7	236	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M8	237	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M9	238	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N10	239	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N11	240	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N12	241	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N13	242	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N14	243	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
N15	244	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N17	245	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N18	246	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N22	247	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N8	248	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N9	249	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
O12	250	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O14	251	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
O16	252	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O17	253	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O18	254	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O19	255	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O20	256	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O21	257	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O24	258	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
O6	259	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O7	260	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O8	261	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
P10	262	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P11	263	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P12	264	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P14	265	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
P15	266	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P16	267	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P17	268	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P21	269	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P22	270	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P23	271	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P7	272	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P9	273	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q11	274	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q12	275	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q13	276	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q14	277	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
Q15	278	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q16	279	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q17	280	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q19	282	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q21	283	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q22	284	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q23	285	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q24	286	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
Q25	287	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q8	288	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R10	289	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R11	290	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R12	291	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R13	292	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R14	293	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
R15	294	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R18	295	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R19	296	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R20	297	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R24	298	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
R25	299	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R27	300	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R7	301	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R8	302	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R9	303	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S11	304	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S12	305	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S13	306	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S14	307	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
S15	308	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S16	309	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S17	310	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S18	311	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S21	312	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S22	313	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S23	314	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S25	315	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S26	316	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T13	317	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T14	318	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
T16	319	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T17	320	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T19	321	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T20	322	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T23	323	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T24	324	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
T28	325	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T7	326	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T9	327	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U11	328	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U12	329	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U13	330	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U14	331	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
U15	332	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U16	333	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U17	334	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U18	335	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U20	336	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U22	338	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U23	339	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U25	340	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U27	341	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U8	342	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V10	343	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V11	344	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V14	345	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
V15	346	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V16	347	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V17	348	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V18	349	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V19	350	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V20	351	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V22	352	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V23	353	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V25	354	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V26	355	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V29	356	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W11	357	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W12	358	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W13	359	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W16	360	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W19	361	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W20	362	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W21	363	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W22	364	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W23	365	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W24	366	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
W25	367	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W26	368	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W27	369	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
X15	370	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X16	371	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X17	372	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X18	373	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X20	374	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X21	375	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X22	376	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X24	377	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
X28	378	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X30	379	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X33	380	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.13E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
Y12	381	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y14	382	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
Y15	383	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y17	384	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y18	385	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y20	386	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y21	387	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y22	388	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y23	389	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y26	390	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y27	391	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y28	392	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y31	394	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z15	395	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z16	396	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z17	397	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z18	398	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z19	399	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z20	400	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z22	401	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z23	402	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z24	403	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
Z25	404	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z29	405	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z30	406	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z31	407	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Totals		8.98E-03	1.56E+00	2.77E-01	2.99E-02	1.26E-01	3.17E-03	1.75E-03	3.49E-02	5.45E-03	1.69E-02	4.32E-03	6.81E-03	1.33E-03	4.98E-04	3.21E-04	6.27E-04	2.57E-04	2.41E-04	6.59E-04	2.99E-02	4.66E+00	3.53E-04	1.61E-05

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
AA18	1	7.16E-02	1.36E+00	2.72E-01	1.22E+00	8.45E-01	5.60E-03	2.33E-03	5.13E-03
AA20	2	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
AA23	3	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
AA25	4	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
AA26	5	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
AA27	6	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AA31	7	7.16E-02	1.38E+00	2.77E-01	1.24E+00	8.59E-01	5.69E-03	2.37E-03	5.22E-03
AB17	8	1.73E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AB21	9	2.09E-02	3.95E-01	7.89E-02	3.54E-01	2.45E-01	1.62E-03	6.76E-04	1.49E-03
AB22	10	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AB23	11	7.16E-02	1.35E+00	2.69E-01	1.21E+00	8.36E-01	5.55E-03	2.32E-03	5.09E-03
AB24	12	5.47E-02	1.04E+00	2.07E-01	9.28E-01	6.42E-01	4.26E-03	1.78E-03	3.90E-03
AB25	13	7.16E-02	1.36E+00	2.72E-01	1.22E+00	8.45E-01	5.60E-03	2.33E-03	5.13E-03
AB26	14	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AB27	15	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AB29	16	8.85E-02	1.71E+00	3.42E-01	1.53E+00	1.06E+00	7.03E-03	2.93E-03	6.45E-03
AC20	17	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AC22	18	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AC27	19	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AC30	20	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AC32	21	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AD20	22	3.78E-02	6.50E-01	1.30E-01	5.82E-01	4.03E-01	2.69E-03	1.12E-03	2.46E-03
AD21	23	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AD23	24	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AD25	25	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
AD29	26	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AD31	27	8.85E-02	1.72E+00	3.44E-01	1.54E+00	1.07E+00	7.08E-03	2.95E-03	6.49E-03
AD32	28	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AE21	29	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AE23	30	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
AE24	31	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
AE25	32	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AE28	33	5.47E-02	1.04E+00	2.07E-01	9.28E-01	6.42E-01	4.26E-03	1.78E-03	3.90E-03
AE29	34	3.78E-02	6.50E-01	1.30E-01	5.82E-01	4.03E-01	2.69E-03	1.12E-03	2.46E-03
AE30	35	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AE31	36	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
AE32	37	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AE33	38	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AE34	39	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
AE35	40	1.22E-01	2.34E+00	4.67E-01	2.10E+00	1.45E+00	9.62E-03	4.01E-03	8.82E-03
AE37	41	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
AE45	42	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AF34	43	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AF35	44	3.78E-02	6.50E-01	1.30E-01	5.82E-01	4.03E-01	2.69E-03	1.12E-03	2.46E-03
AF36	45	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AF42	46	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AG20	47	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AG21	48	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AG22	49	7.16E-02	1.35E+00	2.69E-01	1.21E+00	8.36E-01	5.55E-03	2.32E-03	5.09E-03
AG27	50	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AG28	51	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
AG31	52	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AG35	53	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AG37	54	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AG41	55	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AG43	56	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
AH20	57	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AH22	58	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AH24	59	7.16E-02	1.33E+00	2.65E-01	1.19E+00	8.22E-01	5.46E-03	2.28E-03	5.01E-03
AH25	60	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AH27	61	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AH28	62	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AH29	63	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AH32	64	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AH33	65	8.85E-02	1.68E+00	3.35E-01	1.50E+00	1.04E+00	6.89E-03	2.87E-03	6.32E-03
AH35	66	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AH36	67	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
AH37	68	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AH39	69	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AI22	70	5.47E-02	9.99E-01	2.00E-01	8.95E-01	6.19E-01	4.12E-03	1.72E-03	3.78E-03
AI24	71	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AI25	72	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
AI26	73	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
AI27	74	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AI28	75	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AI31	76	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AI33	77	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AI35	78	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AI37	79	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AJ22	80	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
AJ25	81	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AJ26	82	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AJ27	83	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
AJ28	84	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AJ29	85	3.78E-02	6.27E-01	1.25E-01	5.62E-01	3.89E-01	2.59E-03	1.08E-03	2.38E-03
AJ30	86	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AJ31	87	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AJ33	88	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AJ36	89	8.85E-02	1.70E+00	3.39E-01	1.52E+00	1.05E+00	6.99E-03	2.91E-03	6.41E-03
AJ37	90	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AJ38	91	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
AJ40	92	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AK20	93	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AK23	94	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AK26	95	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AK27	96	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AK29	97	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AK31	98	5.47E-02	1.07E+00	2.14E-01	9.60E-01	6.64E-01	4.39E-03	1.83E-03	4.03E-03
AK34	99	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
AK39	100	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AK40	101	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
AL30	102	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AL32	103	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AL36	104	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AL37	105	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AL38	106	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
AL39	107	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AL40	108	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AM28	109	3.78E-02	7.31E-01	1.46E-01	6.55E-01	4.53E-01	3.01E-03	1.26E-03	2.76E-03
AM30	110	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AM31	111	3.78E-02	6.27E-01	1.25E-01	5.62E-01	3.89E-01	2.59E-03	1.08E-03	2.38E-03
AM32	112	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
AM33	113	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
AM34	114	3.78E-02	7.31E-01	1.46E-01	6.55E-01	4.53E-01	3.01E-03	1.26E-03	2.76E-03
AM35	115	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
AM37	116	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AM38	117	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AM39	118	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AM40	119	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
AN29	120	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AN32	121	5.47E-02	1.04E+00	2.07E-01	9.28E-01	6.42E-01	4.26E-03	1.78E-03	3.90E-03
AN33	122	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AN34	123	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AN36	124	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AN37	125	5.47E-02	1.04E+00	2.07E-01	9.28E-01	6.42E-01	4.26E-03	1.78E-03	3.90E-03
AN38	126	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
AN39	127	7.16E-02	1.36E+00	2.72E-01	1.22E+00	8.45E-01	5.60E-03	2.33E-03	5.13E-03
AN44	128	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AO28	129	1.73E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AO30	130	3.78E-02	6.27E-01	1.25E-01	5.62E-01	3.89E-01	2.59E-03	1.08E-03	2.38E-03
AO32	131	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
AO33	132	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
AO35	133	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
AO37	134	5.47E-02	1.04E+00	2.07E-01	9.28E-01	6.42E-01	4.26E-03	1.78E-03	3.90E-03
AO38	135	7.16E-02	1.33E+00	2.65E-01	1.19E+00	8.22E-01	5.46E-03	2.28E-03	5.01E-03
AO39	136	3.78E-02	7.67E-01	1.53E-01	6.87E-01	4.76E-01	3.15E-03	1.31E-03	2.89E-03
AO40	137	1.73E-01	3.49E+00	6.98E-01	3.13E+00	2.16E+00	1.43E-02	5.98E-03	1.32E-02
AO41	138	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AO42	139	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AO44	140	5.47E-02	1.07E+00	2.14E-01	9.60E-01	6.64E-01	4.39E-03	1.83E-03	4.03E-03
AP32	141	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AP33	142	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
AP36	143	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
AP37	144	5.47E-02	1.07E+00	2.14E-01	9.60E-01	6.64E-01	4.39E-03	1.83E-03	4.03E-03
AP38	145	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AP39	146	7.16E-02	1.45E+00	2.90E-01	1.30E+00	9.01E-01	5.97E-03	2.49E-03	5.48E-03
AP40	147	2.41E-01	4.65E+00	9.29E-01	4.17E+00	2.88E+00	1.92E-02	7.99E-03	1.76E-02
AP41	148	7.16E-02	1.33E+00	2.65E-01	1.19E+00	8.22E-01	5.46E-03	2.28E-03	5.01E-03
AP42	149	8.85E-02	1.75E+00	3.49E-01	1.57E+00	1.08E+00	7.17E-03	2.99E-03	6.57E-03
AP43	150	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AP47	151	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
AQ31	152	1.73E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
AQ33	153	2.09E-02	4.17E-01	8.34E-02	3.74E-01	2.59E-01	1.71E-03	7.15E-04	1.57E-03
AQ34	154	1.05E-01	1.98E+00	3.95E-01	1.77E+00	1.22E+00	8.14E-03	3.40E-03	7.47E-03
AQ36	155	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
AQ38	156	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
AQ39	157	2.09E-02	3.95E-01	7.89E-02	3.54E-01	2.45E-01	1.62E-03	6.76E-04	1.49E-03
AQ40	158	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
AQ41	159	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
AQ43	160	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AQ44	161	7.16E-02	1.33E+00	2.65E-01	1.19E+00	8.22E-01	5.46E-03	2.28E-03	5.01E-03
AQ45	162	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
AR38	163	5.11E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
AR42	164	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
B5	165	1.73E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
B9	166	3.94E-04	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
D13	167	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
D14	168	3.94E-03	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
D7	169	3.93E-04	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
D9	170	1.73E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
E10	171	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
E12	172	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
E8	173	1.73E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
E9	174	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
F15	175	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
F16	176	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
F5	177	1.73E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
F6	178	5.47E-02	1.07E+00	2.14E-01	9.60E-01	6.64E-01	4.39E-03	1.83E-03	4.03E-03
F9	179	2.09E-02	3.95E-01	7.89E-02	3.54E-01	2.45E-01	1.62E-03	6.76E-04	1.49E-03
G10	180	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
G11	181	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
G12	182	3.93E-03	6.79E-02	1.36E-02	6.09E-02	4.22E-02	2.81E-04	1.17E-04	2.58E-04
G13	183	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
G6	184	2.08E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
H10	185	7.16E-02	1.40E+00	2.79E-01	1.25E+00	8.67E-01	5.73E-03	2.39E-03	5.26E-03
H11	186	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
H13	187	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
H15	188	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
H16	189	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
H5	190	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
H7	191	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
H8	192	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
H9	193	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
I11	194	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
I13	195	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
I14	196	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
I15	197	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
I16	198	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
I17	199	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
I6	200	2.08E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
I8	201	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
J10	202	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
J11	203	5.47E-02	9.99E-01	2.00E-01	8.95E-01	6.19E-01	4.12E-03	1.72E-03	3.78E-03
J12	204	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
J14	205	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
J17	206	3.78E-02	6.27E-01	1.25E-01	5.62E-01	3.89E-01	2.59E-03	1.08E-03	2.38E-03
J18	207	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
J3	208	1.73E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
J5	209	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
J8	210	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
J9	211	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
K10	212	3.78E-02	7.08E-01	1.42E-01	6.35E-01	4.39E-01	2.92E-03	1.22E-03	2.67E-03
K11	213	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
K12	214	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
K14	215	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
K15	216	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
K16	217	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
K6	218	2.08E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
K9	219	2.09E-02	3.95E-01	7.89E-02	3.54E-01	2.45E-01	1.62E-03	6.76E-04	1.49E-03
L11	220	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
L12	221	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
L13	222	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
L15	223	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
L16	224	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
L18	225	3.78E-02	6.27E-01	1.25E-01	5.62E-01	3.89E-01	2.59E-03	1.08E-03	2.38E-03
L19	226	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
L20	227	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
L21	228	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
L7	229	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
L9	230	3.93E-03	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04
M10	231	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
M11	232	1.05E-01	2.06E+00	4.12E-01	1.85E+00	1.28E+00	8.46E-03	3.53E-03	7.76E-03
M13	233	7.16E-02	1.35E+00	2.69E-01	1.21E+00	8.36E-01	5.55E-03	2.32E-03	5.09E-03
M15	234	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
M6	235	2.08E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
M7	236	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
M8	237	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
M9	238	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
N10	239	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
N11	240	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
N12	241	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
N13	242	8.85E-02	1.76E+00	3.51E-01	1.57E+00	1.09E+00	7.22E-03	3.01E-03	6.62E-03
N14	243	3.94E-03	6.79E-02	1.36E-02	6.09E-02	4.22E-02	2.81E-04	1.17E-04	2.58E-04
N15	244	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
N17	245	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
N18	246	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
N22	247	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
N8	248	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
N9	249	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
O12	250	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
O14	251	3.95E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
O16	252	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
O17	253	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
O18	254	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
O19	255	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
O20	256	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
O21	257	5.47E-02	1.04E+00	2.07E-01	9.28E-01	6.42E-01	4.26E-03	1.78E-03	3.90E-03
O24	258	3.95E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
O6	259	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
O7	260	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
O8	261	3.94E-03	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04
P10	262	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
P11	263	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
P12	264	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
P14	265	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
P15	266	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
P16	267	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
P17	268	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
P21	269	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
P22	270	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
P23	271	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
P7	272	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
P9	273	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
Q11	274	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
Q12	275	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
Q13	276	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
Q14	277	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
Q15	278	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Q16	279	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
Q17	280	5.47E-02	1.07E+00	2.14E-01	9.60E-01	6.64E-01	4.39E-03	1.83E-03	4.03E-03

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
Q18	281	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Q19	282	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
Q21	283	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
Q22	284	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Q23	285	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
Q24	286	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
Q25	287	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
Q8	288	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
R10	289	7.16E-02	1.35E+00	2.69E-01	1.21E+00	8.36E-01	5.55E-03	2.32E-03	5.09E-03
R11	290	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
R12	291	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
R13	292	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
R14	293	5.47E-02	9.99E-01	2.00E-01	8.95E-01	6.19E-01	4.12E-03	1.72E-03	3.78E-03
R15	294	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
R18	295	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
R19	296	7.16E-02	1.38E+00	2.77E-01	1.24E+00	8.59E-01	5.69E-03	2.37E-03	5.22E-03
R20	297	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
R24	298	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
R25	299	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
R27	300	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
R7	301	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
R8	302	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
R9	303	3.78E-02	6.86E-01	1.37E-01	6.15E-01	4.25E-01	2.82E-03	1.18E-03	2.59E-03
S11	304	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
S12	305	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
S13	306	8.85E-02	1.66E+00	3.32E-01	1.49E+00	1.03E+00	6.85E-03	2.86E-03	6.28E-03
S14	307	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
S15	308	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
S16	309	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
S17	310	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
S18	311	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
S21	312	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
S22	313	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03
S23	314	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
S25	315	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
S26	316	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
T13	317	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
T14	318	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
T16	319	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
T17	320	8.85E-02	1.73E+00	3.47E-01	1.55E+00	1.08E+00	7.12E-03	2.97E-03	6.53E-03
T19	321	5.47E-02	1.02E+00	2.04E-01	9.16E-01	6.34E-01	4.21E-03	1.76E-03	3.86E-03
T20	322	3.78E-02	7.22E-01	1.44E-01	6.47E-01	4.47E-01	2.96E-03	1.24E-03	2.72E-03
T23	323	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
T24	324	3.78E-02	6.27E-01	1.25E-01	5.62E-01	3.89E-01	2.59E-03	1.08E-03	2.38E-03
T28	325	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
T7	326	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
T9	327	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
U11	328	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
U12	329	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
U13	330	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
U14	331	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
U15	332	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
U16	333	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
U17	334	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
U18	335	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
U20	336	5.47E-02	1.05E+00	2.10E-01	9.40E-01	6.50E-01	4.30E-03	1.79E-03	3.94E-03

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
U21	337	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
U22	338	7.16E-02	1.38E+00	2.77E-01	1.24E+00	8.59E-01	5.69E-03	2.37E-03	5.22E-03
U23	339	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
U25	340	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
U27	341	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
U8	342	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
V10	343	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
V11	344	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
V14	345	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
V15	346	8.85E-02	1.76E+00	3.51E-01	1.57E+00	1.09E+00	7.22E-03	3.01E-03	6.62E-03
V16	347	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
V17	348	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
V18	349	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
V19	350	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
V20	351	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
V22	352	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
V23	353	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
V25	354	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
V26	355	7.16E-02	1.38E+00	2.77E-01	1.24E+00	8.59E-01	5.69E-03	2.37E-03	5.22E-03
V29	356	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
W11	357	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
W12	358	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
W13	359	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
W16	360	2.09E-02	3.36E-01	6.72E-02	3.01E-01	2.08E-01	1.39E-03	5.79E-04	1.27E-03
W19	361	2.09E-02	3.95E-01	7.89E-02	3.54E-01	2.45E-01	1.62E-03	6.76E-04	1.49E-03
W20	362	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
W21	363	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
W22	364	7.16E-02	1.33E+00	2.65E-01	1.19E+00	8.22E-01	5.46E-03	2.28E-03	5.01E-03
W23	365	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
W24	366	2.09E-02	3.72E-01	7.44E-02	3.34E-01	2.31E-01	1.53E-03	6.37E-04	1.40E-03
W25	367	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
W26	368	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
W27	369	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
X15	370	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
X16	371	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
X17	372	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
X18	373	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
X20	374	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
X21	375	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
X22	376	3.94E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
X24	377	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
X28	378	3.78E-02	6.72E-01	1.34E-01	6.03E-01	4.17E-01	2.78E-03	1.16E-03	2.55E-03
X30	379	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
X33	380	1.73E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
Y12	381	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Y14	382	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
Y15	383	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
Y17	384	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
Y18	385	1.05E-01	1.99E+00	3.97E-01	1.78E+00	1.23E+00	8.19E-03	3.41E-03	7.51E-03
Y20	386	3.78E-02	6.63E-01	1.32E-01	5.94E-01	4.11E-01	2.73E-03	1.14E-03	2.50E-03
Y21	387	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Y22	388	8.85E-02	1.72E+00	3.44E-01	1.54E+00	1.07E+00	7.08E-03	2.95E-03	6.49E-03
Y23	389	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
Y26	390	5.47E-02	9.77E-01	1.95E-01	8.75E-01	6.05E-01	4.02E-03	1.68E-03	3.69E-03
Y27	391	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
Y28	392	7.16E-02	1.38E+00	2.77E-01	1.24E+00	8.59E-01	5.69E-03	2.37E-03	5.22E-03

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
Y30	393	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Y31	394	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Z15	395	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
Z16	396	3.78E-02	6.99E-01	1.40E-01	6.27E-01	4.33E-01	2.87E-03	1.20E-03	2.63E-03
Z17	397	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Z18	398	5.47E-02	1.04E+00	2.07E-01	9.28E-01	6.42E-01	4.26E-03	1.78E-03	3.90E-03
Z19	399	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Z20	400	2.09E-02	3.14E-01	6.26E-02	2.81E-01	1.94E-01	1.30E-03	5.40E-04	1.19E-03
Z22	401	3.78E-02	6.27E-01	1.25E-01	5.62E-01	3.89E-01	2.59E-03	1.08E-03	2.38E-03
Z23	402	3.93E-03	2.26E-02	4.53E-03	2.03E-02	1.41E-02	9.37E-05	3.90E-05	8.59E-05
Z24	403	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
Z25	404	5.47E-02	1.01E+00	2.02E-01	9.07E-01	6.28E-01	4.16E-03	1.74E-03	3.82E-03
Z29	405	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Z30	406	2.09E-02	3.50E-01	6.98E-02	3.13E-01	2.17E-01	1.43E-03	5.98E-04	1.31E-03
Z31	407	3.94E-03	4.53E-02	9.06E-03	4.06E-02	2.81E-02	1.87E-04	7.81E-05	1.72E-04
Totals									

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AA18	1	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.30E-07	5.47E-08	1.20E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AA20	2	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AA23	3	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AA25	4	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AA26	5	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AA27	6	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AA31	7	3.50E-05	7.01E-06	3.14E-05	2.17E-05	1.41E-07	5.91E-08	1.30E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AB17	8	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AB21	9	1.43E-05	2.86E-06	1.28E-05	8.88E-06	5.79E-08	2.43E-08	5.32E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AB22	10	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AB23	11	3.09E-05	6.19E-06	2.77E-05	1.92E-05	1.25E-07	5.25E-08	1.15E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AB24	12	2.59E-05	5.18E-06	2.32E-05	1.61E-05	1.05E-07	4.38E-08	9.61E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AB25	13	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.30E-07	5.47E-08	1.20E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AB26	14	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AB27	15	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AB29	16	4.16E-05	8.32E-06	3.73E-05	2.58E-05	1.67E-07	7.00E-08	1.53E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AC20	17	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC22	18	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC27	19	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC30	20	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC32	21	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AD20	22	1.26E-05	2.53E-06	1.13E-05	7.85E-06	5.23E-08	2.18E-08	4.80E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AD21	23	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AD23	24	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AD25	25	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AD29	26	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AD31	27	4.27E-05	8.53E-06	3.82E-05	2.65E-05	1.73E-07	7.23E-08	1.59E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AD32	28	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE21	29	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE23	30	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AE24	31	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE25	32	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE28	33	2.59E-05	5.18E-06	2.32E-05	1.61E-05	1.05E-07	4.38E-08	9.61E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AE29	34	1.26E-05	2.53E-06	1.13E-05	7.85E-06	5.23E-08	2.18E-08	4.80E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE30	35	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE31	36	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AE32	37	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE33	38	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE34	39	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE35	40	5.17E-05	1.03E-05	4.63E-05	3.21E-05	2.09E-07	8.74E-08	1.92E-07	2.15E-04	4.30E-05	1.93E-04	1.33E-04	8.90E-07	3.71E-07	8.16E-07
AE37	41	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE45	42	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AF34	43	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AF35	44	1.26E-05	2.53E-06	1.13E-05	7.85E-06	5.23E-08	2.18E-08	4.80E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AF36	45	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AF42	46	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG21	48	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AG22	49	3.09E-05	6.19E-06	2.77E-05	1.92E-05	1.25E-07	5.25E-08	1.15E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AG27	50	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG28	51	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AG31	52	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AG35	53	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG37	54	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG41	55	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AH20	57	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AH22	58	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH24	59	2.83E-05	5.67E-06	2.54E-05	1.76E-05	1.15E-07	4.80E-08	1.05E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AH25	60	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH27	61	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH28	62	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH29	63	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH32	64	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH33	65	3.75E-05	7.50E-06	3.36E-05	2.33E-05	1.51E-07	6.34E-08	1.39E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AH35	66	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AH37	68	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AH39	69	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AI22	70	2.18E-05	4.36E-06	1.95E-05	1.35E-05	8.88E-08	3.71E-08	8.16E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AI24	71	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI25	72	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AI26	73	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AI27	74	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI28	75	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI31	76	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI33	77	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI35	78	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI37	79	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AJ25	81	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ27	83	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ28	84	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ29	85	1.01E-05	2.01E-06	9.02E-06	6.24E-06	4.16E-08	1.73E-08	3.82E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AJ30	86	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AJ33	88	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ36	89	4.01E-05	8.02E-06	3.59E-05	2.49E-05	1.62E-07	6.78E-08	1.49E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AJ37	90	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ38	91	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AJ40	92	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AK20	93	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK26	95	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK27	96	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK29	97	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AK31	98	3.00E-05	6.00E-06	2.69E-05	1.86E-05	1.20E-07	5.05E-08	1.11E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AK34	99	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AK39	100	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK40	101	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AL30	102	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AL32	103	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AL36	104	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AL37	105	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AL38	106	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AL39	107	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AL40	108	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM28	109	2.19E-05	4.39E-06	1.97E-05	1.36E-05	8.94E-08	3.74E-08	8.21E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM30	110	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM31	111	1.01E-05	2.01E-06	9.02E-06	6.24E-06	4.16E-08	1.73E-08	3.82E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM32	112	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AM33	113	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM34	114	2.19E-05	4.39E-06	1.97E-05	1.36E-05	8.94E-08	3.74E-08	8.21E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM35	115	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AM37	116	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM38	117	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM39	118	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM40	119	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN29	120	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN32	121	2.59E-05	5.18E-06	2.32E-05	1.61E-05	1.05E-07	4.38E-08	9.61E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AN33	122	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN34	123	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN36	124	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN37	125	2.59E-05	5.18E-06	2.32E-05	1.61E-05	1.05E-07	4.38E-08	9.61E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AN38	126	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AN39	127	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.30E-07	5.47E-08	1.20E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AN44	128	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO28	129	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO30	130	1.01E-05	2.01E-06	9.02E-06	6.24E-06	4.16E-08	1.73E-08	3.82E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AO32	131	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO33	132	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AO37	134	2.59E-05	5.18E-06	2.32E-05	1.61E-05	1.05E-07	4.38E-08	9.61E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AO38	135	2.83E-05	5.67E-06	2.54E-05	1.76E-05	1.15E-07	4.80E-08	1.05E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AO39	136	2.60E-05	5.21E-06	2.33E-05	1.62E-05	1.05E-07	4.40E-08	9.66E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AO40	137	9.09E-05	1.82E-05	8.15E-05	5.64E-05	3.66E-07	1.53E-07	3.36E-07	3.08E-04	6.14E-05	2.76E-04	1.91E-04	1.27E-06	5.30E-07	1.17E-06
AO41	138	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO42	139	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO44	140	3.00E-05	6.00E-06	2.69E-05	1.86E-05	1.20E-07	5.05E-08	1.11E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AP32	141	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP33	142	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP36	143	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP37	144	3.00E-05	6.00E-06	2.69E-05	1.86E-05	1.20E-07	5.05E-08	1.11E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AP38	145	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP39	146	4.28E-05	8.56E-06	3.84E-05	2.66E-05	1.73E-07	7.25E-08	1.59E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AP40	147	1.00E-04	2.01E-05	8.99E-05	6.22E-05	4.07E-07	1.70E-07	3.74E-07	4.31E-04	8.60E-05	3.86E-04	2.67E-04	1.78E-06	7.41E-07	1.63E-06
AP41	148	2.83E-05	5.67E-06	2.54E-05	1.76E-05	1.15E-07	4.80E-08	1.05E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AP42	149	4.57E-05	9.14E-06	4.10E-05	2.84E-05	1.83E-07	7.67E-08	1.68E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AP43	150	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP47	151	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AQ31	152	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ33	153	1.69E-05	3.38E-06	1.51E-05	1.05E-05	6.86E-08	2.87E-08	6.30E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ34	154	4.10E-05	8.20E-06	3.67E-05	2.54E-05	1.67E-07	6.98E-08	1.53E-07	1.85E-04	3.69E-05	1.65E-04	1.14E-04	7.63E-07	3.18E-07	6.99E-07
AQ36	155	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ38	156	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AQ39	157	1.43E-05	2.86E-06	1.28E-05	8.88E-06	5.79E-08	2.43E-08	5.32E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ40	158	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AQ41	159	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ43	160	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AQ44	161	2.83E-05	5.67E-06	2.54E-05	1.76E-05	1.15E-07	4.80E-08	1.05E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AQ45	162	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AR38	163	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AR42	164	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
B5	165	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
B9	166	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	5.17E-06	1.03E-06	4.63E-06	3.21E-06	2.14E-08	8.91E-09	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
D7	169	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
E10	171	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
E12	172	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
E9	174	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
F15	175	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
F6	178	3.00E-05	6.00E-06	2.69E-05	1.86E-05	1.20E-07	5.05E-08	1.11E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
F9	179	1.43E-05	2.86E-06	1.28E-05	8.88E-06	5.79E-08	2.43E-08	5.32E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
G10	180	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	7.75E-06	1.55E-06	6.95E-06	4.81E-06	3.21E-08	1.34E-08	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
G6	184	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H10	185	3.66E-05	7.31E-06	3.28E-05	2.27E-05	1.46E-07	6.14E-08	1.34E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
H11	186	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H13	187	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
H15	188	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H16	189	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H5	190	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
H8	192	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
H9	193	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I11	194	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
I13	195	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I14	196	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I15	197	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I16	198	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
I6	200	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I8	201	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
J10	202	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J11	203	2.18E-05	4.36E-06	1.95E-05	1.35E-05	8.88E-08	3.71E-08	8.16E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
J12	204	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J14	205	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J17	206	1.01E-05	2.01E-06	9.02E-06	6.24E-06	4.16E-08	1.73E-08	3.82E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
J18	207	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J5	209	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J8	210	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J9	211	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
K10	212	1.93E-05	3.87E-06	1.73E-05	1.20E-05	7.87E-08	3.29E-08	7.23E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
K11	213	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
K12	214	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K15	216	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K16	217	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K6	218	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K9	219	1.43E-05	2.86E-06	1.28E-05	8.88E-06	5.79E-08	2.43E-08	5.32E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L11	220	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L13	222	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L15	223	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L16	224	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
L18	225	1.01E-05	2.01E-06	9.02E-06	6.24E-06	4.16E-08	1.73E-08	3.82E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
L19	226	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L20	227	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L21	228	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
L7	229	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	5.17E-06	1.03E-06	4.63E-06	3.21E-06	2.14E-08	8.91E-09	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M11	232	5.07E-05	1.01E-05	4.55E-05	3.15E-05	2.03E-07	8.54E-08	1.87E-07	1.85E-04	3.69E-05	1.65E-04	1.14E-04	7.63E-07	3.18E-07	6.99E-07
M13	233	3.09E-05	6.19E-06	2.77E-05	1.92E-05	1.25E-07	5.25E-08	1.15E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
M15	234	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
M6	235	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M7	236	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M8	237	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M9	238	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N10	239	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N11	240	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N12	241	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N13	242	4.68E-05	9.35E-06	4.19E-05	2.90E-05	1.88E-07	7.89E-08	1.73E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
N14	243	7.75E-06	1.55E-06	6.95E-06	4.81E-06	3.21E-08	1.34E-08	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N17	245	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N18	246	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
N22	247	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N8	248	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N9	249	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O12	250	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O14	251	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O17	253	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
O18	254	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
O20	256	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O21	257	2.59E-05	5.18E-06	2.32E-05	1.61E-05	1.05E-07	4.38E-08	9.61E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
O24	258	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O7	260	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O8	261	5.17E-06	1.03E-06	4.63E-06	3.21E-06	2.14E-08	8.91E-09	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P11	263	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
P12	264	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P14	265	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
P15	266	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
P16	267	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P17	268	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P21	269	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P22	270	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P23	271	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P7	272	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q11	274	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q12	275	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Q13	276	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Q14	277	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q15	278	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q16	279	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Q17	280	3.00E-05	6.00E-06	2.69E-05	1.86E-05	1.20E-07	5.05E-08	1.11E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Q18	281	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q19	282	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Q21	283	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Q22	284	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q23	285	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q25	287	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q8	288	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R10	289	3.09E-05	6.19E-06	2.77E-05	1.92E-05	1.25E-07	5.25E-08	1.15E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
R11	290	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R12	291	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R13	292	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
R14	293	2.18E-05	4.36E-06	1.95E-05	1.35E-05	8.88E-08	3.71E-08	8.16E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
R15	294	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R18	295	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
R19	296	3.50E-05	7.01E-06	3.14E-05	2.17E-05	1.41E-07	5.91E-08	1.30E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
R20	297	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R24	298	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
R25	299	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R27	300	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R7	301	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
R9	303	1.68E-05	3.35E-06	1.50E-05	1.04E-05	6.80E-08	2.85E-08	6.25E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
S11	304	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
S12	305	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
S13	306	3.60E-05	7.19E-06	3.22E-05	2.23E-05	1.46E-07	6.11E-08	1.34E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
S14	307	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
S15	308	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
S17	310	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
S18	311	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
S22	313	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
S23	314	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
S25	315	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T13	317	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T14	318	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T16	319	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T17	320	4.42E-05	8.84E-06	3.96E-05	2.74E-05	1.78E-07	7.45E-08	1.63E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
T19	321	2.44E-05	4.87E-06	2.18E-05	1.51E-05	9.95E-08	4.16E-08	9.14E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
T20	322	2.09E-05	4.17E-06	1.87E-05	1.30E-05	8.37E-08	3.51E-08	7.70E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
T23	323	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T24	324	1.01E-05	2.01E-06	9.02E-06	6.24E-06	4.16E-08	1.73E-08	3.82E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
T28	325	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T7	326	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T9	327	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U13	330	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U14	331	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
U16	333	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U17	334	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U18	335	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	2.74E-05	5.49E-06	2.46E-05	1.70E-05	1.10E-07	4.60E-08	1.01E-07	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
U21	337	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U22	338	3.50E-05	7.01E-06	3.14E-05	2.17E-05	1.41E-07	5.91E-08	1.30E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
U23	339	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U25	340	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U27	341	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U8	342	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
V14	345	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V15	346	4.68E-05	9.35E-06	4.19E-05	2.90E-05	1.88E-07	7.89E-08	1.73E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
V16	347	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V17	348	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
V18	349	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
V19	350	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V20	351	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V22	352	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V23	353	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V25	354	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V26	355	3.50E-05	7.01E-06	3.14E-05	2.17E-05	1.41E-07	5.91E-08	1.30E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
V29	356	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W11	357	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W13	359	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W16	360	7.61E-06	1.52E-06	6.83E-06	4.73E-06	3.15E-08	1.31E-08	2.89E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W19	361	1.43E-05	2.86E-06	1.28E-05	8.88E-06	5.79E-08	2.43E-08	5.32E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W20	362	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W21	363	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
W22	364	2.83E-05	5.67E-06	2.54E-05	1.76E-05	1.15E-07	4.80E-08	1.05E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
W23	365	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
W24	366	1.17E-05	2.35E-06	1.05E-05	7.28E-06	4.72E-08	1.98E-08	4.34E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W25	367	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
W26	368	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
W27	369	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X16	371	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
X17	372	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X20	374	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X21	375	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X22	376	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X28	378	1.52E-05	3.05E-06	1.37E-05	9.45E-06	6.30E-08	2.63E-08	5.78E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
X30	379	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X33	380	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y12	381	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y14	382	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Y15	383	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Y17	384	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Y18	385	4.25E-05	8.50E-06	3.81E-05	2.64E-05	1.72E-07	7.20E-08	1.58E-07	1.85E-04	3.69E-05	1.65E-04	1.14E-04	7.63E-07	3.18E-07	6.99E-07
Y20	386	1.42E-05	2.83E-06	1.27E-05	8.80E-06	5.73E-08	2.40E-08	5.27E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Y21	387	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y22	388	4.27E-05	8.53E-06	3.82E-05	2.65E-05	1.73E-07	7.23E-08	1.59E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
Y23	389	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	1.92E-05	3.84E-06	1.72E-05	1.19E-05	7.81E-08	3.27E-08	7.18E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Y27	391	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Y28	392	3.50E-05	7.01E-06	3.14E-05	2.17E-05	1.41E-07	5.91E-08	1.30E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Y30	393	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y31	394	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z15	395	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z16	396	1.83E-05	3.66E-06	1.64E-05	1.13E-05	7.30E-08	3.07E-08	6.72E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Z17	397	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z18	398	2.59E-05	5.18E-06	2.32E-05	1.61E-05	1.05E-07	4.38E-08	9.61E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Z19	399	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z20	400	5.03E-06	1.01E-06	4.51E-06	3.12E-06	2.08E-08	8.67E-09	1.91E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z22	401	1.01E-05	2.01E-06	9.02E-06	6.24E-06	4.16E-08	1.73E-08	3.82E-08	6.15E-05	1.23E-05	5.51E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Z23	402	2.58E-06	5.17E-07	2.32E-06	1.60E-06	1.07E-08	4.46E-09	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Z25	404	2.33E-05	4.66E-06	2.09E-05	1.45E-05	9.38E-08	3.93E-08	8.63E-08	9.23E-05	1.84E-05	8.27E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Z29	405	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z30	406	9.14E-06	1.83E-06	8.20E-06	5.67E-06	3.65E-08	1.53E-08	3.36E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z31	407	5.17E-06	1.03E-06	4.63E-06	3.21E-06	2.14E-08	8.91E-09	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals															

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AA20	2	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AA23	3	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AA25	4	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AA26	5	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AA27	6	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AA31	7	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AB17	8	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AB21	9	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AB22	10	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AB23	11	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AB24	12	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AB25	13	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AB26	14	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AB27	15	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AB29	16	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
AC20	17	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AC22	18	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AC27	19	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AC30	20	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AC32	21	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AD20	22	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AD21	23	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AD23	24	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AD25	25	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AD29	26	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AD31	27	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
AD32	28	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AE21	29	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AE23	30	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AE24	31	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AE25	32	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AE28	33	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AE29	34	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AE30	35	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AE31	36	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AE32	37	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AE33	38	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AE34	39	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AE35	40	2.56E-06	3.95E-05	7.90E-05	8.52E-06	3.58E-05	9.01E-07	4.99E-07	9.94E-06	1.55E-06	4.82E-06	1.23E-06	1.94E-06	3.80E-07	1.42E-07	9.15E-08	1.78E-07	7.32E-08	6.86E-08	1.88E-07	8.52E-06	8.84E-04	1.01E-07	4.57E-09
AE37	41	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AE45	42	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AF34	43	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AF35	44	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AF36	45	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AF42	46	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AG21	48	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AG22	49	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AG27	50	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AG28	51	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AG31	52	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AG35	53	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AG37	54	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AG41	55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AH22	58	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AH24	59	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AH25	60	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AH27	61	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AH28	62	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AH29	63	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AH32	64	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AH33	65	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
AH35	66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AH37	68	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AH39	69	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AI22	70	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AI24	71	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AI25	72	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AI26	73	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AI27	74	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AI28	75	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AI31	76	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AI33	77	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AI35	78	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AI37	79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AJ25	81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AJ27	83	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AJ28	84	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AJ29	85	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AJ30	86	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AJ33	88	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AJ36	89	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
AJ37	90	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AJ38	91	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AJ40	92	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AK26	95	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AK27	96	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AK29	97	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AK31	98	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AK34	99	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AK39	100	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AK40	101	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AL30	102	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AL32	103	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AL36	104	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AL37	105	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AL38	106	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AL39	107	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AL40	108	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AM28	109	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AM30	110	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AM31	111	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AM32	112	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AM34	114	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AM35	115	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AM37	116	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AM38	117	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AM39	118	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AM40	119	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AN29	120	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AN32	121	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AN33	122	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AN34	123	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AN36	124	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AN37	125	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AN38	126	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AN39	127	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AN44	128	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AO28	129	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AO30	130	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AO32	131	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AO33	132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AO37	134	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AO38	135	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AO39	136	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AO40	137	3.65E-06	5.64E-05	1.13E-04	1.22E-05	5.12E-05	1.29E-06	7.12E-07	1.42E-05	2.22E-06	6.89E-06	1.76E-06	2.77E-06	5.42E-07	2.03E-07	1.31E-07	2.55E-07	1.05E-07	9.80E-08	2.68E-07	1.22E-05	1.26E-03	1.44E-07	6.53E-09
AO41	138	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AO42	139	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AO44	140	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AP32	141	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AP33	142	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AP36	143	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AP37	144	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AP38	145	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AP39	146	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AP40	147	5.11E-06	7.89E-05	1.58E-04	1.70E-05	7.17E-05	1.80E-06	9.97E-07	1.99E-05	3.10E-06	9.64E-06	2.46E-06	3.88E-06	7.59E-07	2.84E-07	1.83E-07	3.57E-07	1.46E-07	1.37E-07	3.75E-07	1.70E-05	1.77E-03	2.01E-07	9.15E-09
AP41	148	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AP42	149	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
AP43	150	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AP47	151	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AQ31	152	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AQ33	153	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AQ34	154	2.19E-06	3.38E-05	6.77E-05	7.30E-06	3.07E-05	7.72E-07	4.27E-07	8.52E-06	1.33E-06	4.13E-06	1.05E-06	1.66E-06	3.25E-07	1.22E-07	7.84E-08	1.53E-07	6.27E-08	5.88E-08	1.61E-07	7.30E-06	7.58E-04	8.63E-08	3.92E-09
AQ36	155	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AQ38	156	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AQ39	157	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AQ40	158	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
AQ41	159	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AQ43	160	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AQ44	161	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
AQ45	162	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
AR38	163	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
AR42	164	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
B5	165	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
E10	171	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
E9	174	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
F15	175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
F6	178	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
F9	179	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
G10	180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
G6	184	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
H10	185	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
H11	186	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
H13	187	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
H15	188	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
H16	189	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
H8	192	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
H9	193	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
I11	194	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
I13	195	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
I14	196	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
I15	197	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
I16	198	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
I6	200	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
I8	201	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
J10	202	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
J11	203	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
J12	204	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
J14	205	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
J17	206	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
J18	207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
J5	209	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
J8	210	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
J9	211	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
K10	212	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
K11	213	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
K12	214	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
K15	216	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
K16	217	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
K6	218	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
K9	219	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
L11	220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
L13	222	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
L15	223	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
L16	224	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
L19	226	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
L20	227	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
L21	228	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
L7	229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
M11	232	2.19E-06	3.38E-05	6.77E-05	7.30E-06	3.07E-05	7.72E-07	4.27E-07	8.52E-06	1.33E-06	4.13E-06	1.05E-06	1.66E-06	3.25E-07	1.22E-07	7.84E-08	1.53E-07	6.27E-08	5.88E-08	1.61E-07	7.30E-06	7.58E-04	8.63E-08	3.92E-09
M13	233	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
M15	234	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
M6	235	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
M7	236	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
M8	237	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
M9	238	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N10	239	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N11	240	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N12	241	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N13	242	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
N14	243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N17	245	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N18	246	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
N22	247	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N8	248	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
N9	249	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
O12	250	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
O14	251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
O17	253	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
O18	254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
O20	256	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
O21	257	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
O7	260	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
O8	261	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
P11	263	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
P12	264	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
P14	265	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
P15	266	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
P16	267	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
P17	268	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
P21	269	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
P22	270	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
P23	271	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q11	274	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q12	275	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Q13	276	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Q14	277	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q15	278	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q16	279	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Q17	280	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q19	282	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Q21	283	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Q22	284	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q23	285	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q25	287	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Q8	288	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
R10	289	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
R11	290	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
R12	291	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
R13	292	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
R14	293	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
R15	294	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
R18	295	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
R19	296	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
R20	297	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
R24	298	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
R25	299	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
R27	300	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
R9	303	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
S11	304	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
S12	305	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
S13	306	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
S14	307	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
S15	308	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
S17	310	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
S18	311	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
S22	313	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
S23	314	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
S25	315	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
T13	317	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
T14	318	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
T16	319	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
T17	320	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
T19	321	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
T20	322	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
T23	323	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
T24	324	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
T28	325	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
T7	326	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
T9	327	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U13	330	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U14	331	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
U16	333	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U17	334	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U18	335	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U22	338	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
U23	339	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U25	340	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U27	341	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
U8	342	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
V14	345	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
V15	346	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
V16	347	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
V17	348	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
V18	349	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
V19	350	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
V20	351	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
V22	352	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
V23	353	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
V25	354	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
V26	355	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
V29	356	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
W11	357	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
W13	359	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
W16	360	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
W19	361	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
W20	362	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
W21	363	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
W22	364	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09
W23	365	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
W24	366	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
W25	367	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
W26	368	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
W27	369	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
X16	371	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
X17	372	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
X20	374	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
X21	375	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
X22	376	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
X28	378	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
X30	379	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
X33	380	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Y12	381	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Y14	382	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Y15	383	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Y17	384	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Y18	385	2.19E-06	3.38E-05	6.77E-05	7.30E-06	3.07E-05	7.72E-07	4.27E-07	8.52E-06	1.33E-06	4.13E-06	1.05E-06	1.66E-06	3.25E-07	1.22E-07	7.84E-08	1.53E-07	6.27E-08	5.88E-08	1.61E-07	7.30E-06	7.58E-04	8.63E-08	3.92E-09
Y20	386	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Y21	387	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Y22	388	1.83E-06	2.82E-05	5.64E-05	6.09E-06	2.56E-05	6.44E-07	3.56E-07	7.10E-06	1.11E-06	3.44E-06	8.79E-07	1.39E-06	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	3.27E-09
Y23	389	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Y27	391	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Y28	392	1.46E-06	2.26E-05	4.51E-05	4.87E-06	2.05E-05	5.15E-07	2.85E-07	5.68E-06	8.86E-07	2.76E-06	7.03E-07	1.11E-06	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	2.61E-09

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Y31	394	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Z15	395	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Z16	396	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Z17	397	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Z18	398	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Z19	399	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Z20	400	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Z22	401	7.31E-07	1.13E-05	2.26E-05	2.43E-06	1.02E-05	2.57E-07	1.42E-07	2.84E-06	4.43E-07	1.38E-06	3.52E-07	5.54E-07	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	1.31E-09
Z23	402	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Z25	404	1.10E-06	1.69E-05	3.38E-05	3.65E-06	1.54E-05	3.86E-07	2.14E-07	4.26E-06	6.65E-07	2.07E-06	5.27E-07	8.31E-07	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	1.96E-09
Z29	405	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Z30	406	3.65E-07	5.64E-06	1.13E-05	1.22E-06	5.12E-06	1.29E-07	7.12E-08	1.42E-06	2.22E-07	6.89E-07	1.76E-07	2.77E-07	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	6.53E-10
Z31	407	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals																								

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA20	2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA23	3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA25	4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA26	5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA27	6	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA31	7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB17	8	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB21	9	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB22	10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB23	11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB24	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB25	13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB26	14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB27	15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB29	16	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC20	17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC22	18	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC27	19	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC30	20	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC32	21	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD20	22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD21	23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD23	24	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD25	25	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD29	26	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD31	27	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD32	28	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE21	29	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE23	30	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE24	31	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE25	32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE28	33	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE29	34	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE30	35	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE31	36	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE32	37	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE33	38	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE34	39	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE35	40	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE37	41	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AE45	42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF34	43	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF35	44	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF36	45	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF42	46	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG21	48	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG22	49	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG27	50	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG28	51	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG31	52	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG35	53	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG37	54	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG41	55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH22	58	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH24	59	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH25	60	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH27	61	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH28	62	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH29	63	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH32	64	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH33	65	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH35	66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH37	68	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH39	69	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI22	70	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI24	71	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI25	72	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI26	73	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI27	74	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI28	75	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI31	76	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI33	77	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI35	78	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AI37	79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ25	81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ27	83	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ28	84	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ29	85	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ30	86	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ33	88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ36	89	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ37	90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ38	91	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ40	92	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK26	95	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK27	96	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK29	97	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK31	98	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK34	99	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK39	100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK40	101	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL30	102	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL32	103	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL36	104	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL37	105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL38	106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL39	107	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL40	108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM28	109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM30	110	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM31	111	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM32	112	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM34	114	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM35	115	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM37	116	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM38	117	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM39	118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM40	119	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN29	120	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN32	121	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN33	122	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN34	123	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN36	124	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN37	125	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN38	126	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN39	127	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN44	128	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO28	129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO30	130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO32	131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO33	132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO37	134	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO38	135	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO39	136	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO40	137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO41	138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO42	139	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO44	140	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP32	141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP33	142	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP36	143	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP37	144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP38	145	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP39	146	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP40	147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP41	148	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP42	149	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP43	150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP47	151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ31	152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ33	153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ34	154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ36	155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ38	156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ39	157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ40	158	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ41	159	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ43	160	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ44	161	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ45	162	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR38	163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR42	164	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B5	165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E10	171	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E9	174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F15	175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F6	178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F9	179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G10	180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G6	184	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H10	185	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H11	186	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H13	187	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H15	188	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H16	189	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H8	192	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H9	193	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I11	194	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I13	195	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I14	196	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I15	197	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I16	198	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I6	200	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I8	201	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J10	202	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J11	203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J12	204	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J14	205	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J17	206	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J18	207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J5	209	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J8	210	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J9	211	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K10	212	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K11	213	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K12	214	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K15	216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K16	217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K6	218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K9	219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L11	220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L13	222	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L15	223	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L16	224	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L19	226	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L20	227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L21	228	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L7	229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M11	232	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M13	233	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M15	234	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M6	235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M7	236	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M8	237	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M9	238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N10	239	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N11	240	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N12	241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N13	242	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N14	243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N17	245	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N18	246	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N22	247	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N8	248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N9	249	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O12	250	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O14	251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O17	253	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O18	254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O20	256	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O21	257	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O7	260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O8	261	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P11	263	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P12	264	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P14	265	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P15	266	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P16	267	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P17	268	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P21	269	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P22	270	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P23	271	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q11	274	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q12	275	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q13	276	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q14	277	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q15	278	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q16	279	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q17	280	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q19	282	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q21	283	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q22	284	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q23	285	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q25	287	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q8	288	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R10	289	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R11	290	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R12	291	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R13	292	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R14	293	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R15	294	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R18	295	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R19	296	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R20	297	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R24	298	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R25	299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R27	300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R9	303	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S11	304	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S12	305	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S13	306	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S14	307	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S15	308	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S17	310	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S18	311	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S22	313	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S23	314	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S25	315	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T13	317	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T14	318	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T16	319	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T17	320	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T19	321	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T20	322	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T23	323	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T24	324	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T28	325	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T7	326	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T9	327	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U13	330	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U14	331	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U16	333	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U17	334	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U18	335	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U22	338	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U23	339	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U25	340	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U27	341	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U8	342	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V14	345	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V15	346	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V16	347	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V17	348	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V18	349	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V19	350	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V20	351	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V22	352	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V23	353	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V25	354	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V26	355	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V29	356	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W11	357	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W13	359	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W16	360	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W19	361	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W20	362	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W21	363	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W22	364	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W23	365	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W24	366	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W25	367	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W26	368	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W27	369	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X16	371	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X17	372	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X20	374	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X21	375	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X22	376	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X28	378	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X30	379	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X33	380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y12	381	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y14	382	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y15	383	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y17	384	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y18	385	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y20	386	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y21	387	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y22	388	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y23	389	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y27	391	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y28	392	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Drilling - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y31	394	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z15	395	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z16	396	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z17	397	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z18	398	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z19	399	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z20	400	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z22	401	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z23	402	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z25	404	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z29	405	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z30	406	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z31	407	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals																								

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA20	2	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA23	3	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA25	4	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA26	5	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA27	6	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA31	7	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB17	8	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
AB21	9	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB22	10	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB23	11	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB24	12	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AB25	13	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB26	14	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB27	15	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB29	16	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC20	17	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC22	18	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC27	19	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC30	20	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC32	21	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD20	22	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD21	23	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD23	24	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD25	25	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD29	26	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD31	27	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD32	28	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE21	29	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE23	30	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE24	31	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AE25	32	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE28	33	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE29	34	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE30	35	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE31	36	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE32	37	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE33	38	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AE34	39	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE35	40	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE37	41	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE45	42	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF34	43	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF35	44	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF36	45	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF42	46	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AG20	47	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG21	48	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG22	49	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG27	50	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG28	51	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG31	52	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG35	53	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG37	54	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG41	55	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG43	56	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH22	58	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH24	59	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
AH25	60	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH27	61	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH28	62	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH29	63	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH32	64	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH33	65	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
AH35	66	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH36	67	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH37	68	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH39	69	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AI22	70	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI24	71	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AI25	72	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI26	73	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI27	74	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI28	75	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI31	76	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI33	77	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AI35	78	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI37	79	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ22	80	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ25	81	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ26	82	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ27	83	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ28	84	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ29	85	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ30	86	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ31	87	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ33	88	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AJ36	89	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ37	90	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ38	91	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ40	92	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK20	93	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK23	94	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK26	95	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK27	96	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK29	97	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK31	98	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK34	99	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK39	100	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK40	101	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL30	102	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL32	103	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL36	104	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL37	105	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL38	106	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL39	107	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL40	108	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM28	109	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM30	110	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM31	111	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM32	112	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AM34	114	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM35	115	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM37	116	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM38	117	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM39	118	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM40	119	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN29	120	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN32	121	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN33	122	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AN34	123	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN36	124	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN37	125	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN38	126	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN39	127	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN44	128	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO28	129	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
AO30	130	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO32	131	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO33	132	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AO35	133	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO37	134	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO38	135	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO39	136	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO40	137	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO41	138	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO42	139	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AO44	140	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP32	141	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP33	142	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AP36	143	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP37	144	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP38	145	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP39	146	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP40	147	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP41	148	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP42	149	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AP43	150	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP47	151	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AQ31	152	7.53E-10	1.31E-07	2.33E-08	2.51E-09	1.06E-08	2.65E-10	1.47E-10	2.93E-09	4.57E-10	1.42E-09	3.62E-10	5.71E-10	1.12E-10	4.18E-11	2.69E-11	5.25E-11	2.16E-11	2.02E-11	5.52E-11	2.51E-09	3.91E-07	2.96E-11	1.35E-12
AQ33	153	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
AQ34	154	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ36	155	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ38	156	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ39	157	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ40	158	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ41	159	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ43	160	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ44	161	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ45	162	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AR38	163	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
AR42	164	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
B5	165	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
B9	166	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
D13	167	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
D14	168	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	7.53E-10	1.31E-07	2.33E-08	2.51E-09	1.06E-08	2.66E-10	1.47E-10	2.93E-09	4.57E-10	1.42E-09	3.63E-10	5.72E-10	1.12E-10	4.18E-11	2.70E-11	5.26E-11	2.16E-11	2.02E-11	5.53E-11	2.51E-09	3.91E-07	2.97E-11	1.35E-12
D9	170	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
E10	171	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
E12	172	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
E8	173	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
E9	174	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
F15	175	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
F16	176	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
F5	177	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
F6	178	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
F9	179	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G10	180	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G11	181	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G12	182	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G13	183	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G6	184	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H10	185	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H11	186	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H13	187	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H15	188	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H16	189	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H5	190	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
H7	191	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H8	192	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H9	193	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I11	194	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I13	195	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I14	196	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
I15	197	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I16	198	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I17	199	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I6	200	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I8	201	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J10	202	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J11	203	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J12	204	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J14	205	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
J17	206	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J18	207	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J3	208	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
J5	209	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
J8	210	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J9	211	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K10	212	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K11	213	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K12	214	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K14	215	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
K15	216	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K16	217	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K6	218	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K9	219	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L11	220	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L12	221	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L13	222	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L15	223	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L16	224	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L19	226	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L20	227	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L21	228	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L7	229	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L9	230	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M10	231	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M11	232	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M13	233	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M15	234	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M6	235	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M7	236	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M8	237	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M9	238	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N10	239	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N11	240	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N12	241	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N13	242	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N14	243	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
N15	244	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N17	245	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N18	246	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N22	247	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N8	248	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N9	249	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
O12	250	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O14	251	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.59E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
O16	252	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O17	253	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O18	254	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O19	255	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O20	256	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O21	257	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O24	258	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
O6	259	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O7	260	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O8	261	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
P10	262	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P11	263	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P12	264	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P14	265	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
P15	266	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P16	267	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P17	268	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P21	269	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P22	270	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P23	271	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P7	272	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P9	273	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q11	274	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q12	275	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q13	276	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q14	277	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Q15	278	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q16	279	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q17	280	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q19	282	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q21	283	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q22	284	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q23	285	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q24	286	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Q25	287	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q8	288	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R10	289	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R11	290	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R12	291	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R13	292	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R14	293	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
R15	294	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R18	295	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R19	296	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R20	297	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R24	298	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
R25	299	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R27	300	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R7	301	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R8	302	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R9	303	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S11	304	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S12	305	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S13	306	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S14	307	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
S15	308	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S16	309	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S17	310	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S18	311	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S21	312	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S22	313	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S23	314	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S25	315	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S26	316	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T13	317	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T14	318	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
T16	319	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T17	320	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T19	321	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T20	322	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T23	323	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T24	324	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
T28	325	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T7	326	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T9	327	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U11	328	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U12	329	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U13	330	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U14	331	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
U15	332	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U16	333	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U17	334	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U18	335	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U20	336	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U22	338	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U23	339	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U25	340	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U27	341	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U8	342	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V10	343	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V11	344	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V14	345	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
V15	346	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V16	347	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V17	348	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V18	349	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V19	350	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V20	351	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V22	352	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V23	353	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V25	354	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V26	355	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V29	356	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W11	357	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W12	358	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W13	359	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W16	360	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W19	361	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W20	362	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W21	363	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W22	364	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W23	365	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W24	366	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
W25	367	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W26	368	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W27	369	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
X15	370	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X16	371	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X17	372	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X18	373	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X20	374	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X21	375	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X22	376	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X24	377	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
X28	378	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X30	379	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X33	380	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
Y12	381	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y14	382	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Y15	383	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y17	384	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y18	385	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y20	386	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y21	387	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y22	388	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y23	389	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y26	390	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y27	391	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y28	392	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y31	394	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z15	395	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z16	396	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z17	397	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z18	398	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z19	399	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z20	400	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z22	401	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z23	402	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z24	403	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Z25	404	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z29	405	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z30	406	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z31	407	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Totals																								

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
AA18	1	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AA20	2	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AA23	3	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AA25	4	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AA26	5	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AA27	6	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AA31	7	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AB17	8	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AB21	9	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AB22	10	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AB23	11	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AB24	12	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AB25	13	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AB26	14	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AB27	15	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AB29	16	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
AC20	17	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AC22	18	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AC27	19	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AC30	20	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AC32	21	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AD20	22	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AD21	23	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AD23	24	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AD25	25	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AD29	26	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AD31	27	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
AD32	28	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AE21	29	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AE23	30	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AE24	31	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AE25	32	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AE28	33	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AE29	34	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AE30	35	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AE31	36	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AE32	37	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AE33	38	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AE34	39	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AE35	40	2.56E-06	7.90E-05	2.15E-04	3.58E-05	9.01E-07	4.30E-05	9.94E-06	1.55E-06	1.93E-04	1.23E-06	1.33E-04	3.80E-07	1.42E-07	9.15E-08	1.78E-07	7.32E-08	6.86E-08	1.88E-07	8.52E-06	8.84E-04	1.01E-07	8.16E-07	4.57E-09
AE37	41	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AE45	42	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AF34	43	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AF35	44	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AF36	45	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AF42	46	7.57E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	9.80E-09	1.35E-11
AG20	47	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AG21	48	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AG22	49	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AG27	50	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AG28	51	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AG31	52	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AG35	53	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AG37	54	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AG41	55	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
AG43	56	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
AH20	57	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AH22	58	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AH24	59	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AH25	60	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AH27	61	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AH28	62	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AH29	63	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AH32	64	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AH33	65	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
AH35	66	7.56E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	9.80E-09	1.35E-11
AH36	67	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AH37	68	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AH39	69	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AI22	70	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AI24	71	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AI25	72	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AI26	73	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AI27	74	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AI28	75	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AI31	76	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AI33	77	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AI35	78	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AI37	79	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
AJ22	80	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AJ25	81	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
AJ26	82	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AJ27	83	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AJ28	84	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AJ29	85	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AJ30	86	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
AJ31	87	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AJ33	88	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AJ36	89	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
AJ37	90	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AJ38	91	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AJ40	92	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AK20	93	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
AK23	94	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AK26	95	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AK27	96	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AK29	97	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AK31	98	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AK34	99	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AK39	100	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AK40	101	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AL30	102	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AL32	103	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AL36	104	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AL37	105	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AL38	106	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AL39	107	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AL40	108	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AM28	109	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AM30	110	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AM31	111	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AM32	112	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
AM33	113	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AM34	114	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AM35	115	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AM37	116	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AM38	117	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AM39	118	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AM40	119	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AN29	120	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AN32	121	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AN33	122	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AN34	123	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AN36	124	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AN37	125	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AN38	126	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AN39	127	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AN44	128	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AO28	129	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AO30	130	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AO32	131	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AO33	132	7.57E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	9.80E-09	1.35E-11
AO35	133	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AO37	134	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AO38	135	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AO39	136	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AO40	137	3.65E-06	1.13E-04	3.08E-04	5.12E-05	1.29E-06	6.14E-05	1.42E-05	2.22E-06	2.76E-04	1.76E-06	1.91E-04	5.42E-07	2.03E-07	1.31E-07	2.55E-07	1.05E-07	9.80E-08	2.68E-07	1.22E-05	1.26E-03	1.44E-07	1.17E-06	6.53E-09
AO41	138	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AO42	139	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AO44	140	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AP32	141	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AP33	142	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AP36	143	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AP37	144	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AP38	145	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AP39	146	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AP40	147	5.11E-06	1.58E-04	4.31E-04	7.17E-05	1.80E-06	8.60E-05	1.99E-05	3.10E-06	3.86E-04	2.46E-06	2.67E-04	7.59E-07	2.84E-07	1.83E-07	3.57E-07	1.46E-07	1.37E-07	3.75E-07	1.70E-05	1.77E-03	2.01E-07	1.63E-06	9.15E-09
AP41	148	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AP42	149	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
AP43	150	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AP47	151	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AQ31	152	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AQ33	153	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AQ34	154	2.19E-06	6.77E-05	1.85E-04	3.07E-05	7.72E-07	3.69E-05	8.52E-06	1.33E-06	1.65E-04	1.05E-06	1.14E-04	3.25E-07	1.22E-07	7.84E-08	1.53E-07	6.27E-08	5.88E-08	1.61E-07	7.30E-06	7.58E-04	8.63E-08	6.99E-07	3.92E-09
AQ36	155	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AQ38	156	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AQ39	157	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AQ40	158	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
AQ41	159	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AQ43	160	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AQ44	161	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
AQ45	162	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
AR38	163	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
AR42	164	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
B5	165	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
B9	166	7.57E-10	2.34E-08	2.58E-06	1.06E-08	1.07E-08	5.17E-07	2.94E-09	4.59E-10	2.32E-06	3.64E-10	1.60E-06	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	9.80E-09	1.35E-12
D13	167	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
D14	168	7.57E-09	2.34E-07	5.17E-06	1.06E-07	2.14E-08	1.03E-06	2.94E-08	4.59E-09	4.63E-06	3.64E-09	3.21E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.96E-08	1.35E-11

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
D7	169	7.53E-10	2.33E-08	2.58E-06	1.06E-08	1.07E-08	5.17E-07	2.93E-09	4.57E-10	2.32E-06	3.63E-10	1.60E-06	1.12E-10	4.18E-11	2.70E-11	5.26E-11	2.16E-11	2.02E-11	5.53E-11	2.51E-09	3.91E-07	2.97E-11	9.80E-09	1.35E-12
D9	170	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
E10	171	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
E12	172	7.56E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	9.80E-09	1.35E-11
E8	173	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
E9	174	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
F15	175	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
F16	176	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
F5	177	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
F6	178	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
F9	179	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
G10	180	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
G11	181	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
G12	182	7.55E-09	2.33E-07	7.75E-06	1.06E-07	3.21E-08	1.55E-06	2.94E-08	4.58E-09	6.95E-06	3.63E-09	4.81E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	2.94E-08	1.35E-11
G13	183	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
G6	184	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
H10	185	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
H11	186	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
H13	187	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
H15	188	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
H16	189	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
H5	190	7.57E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	9.80E-09	1.35E-11
H7	191	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
H8	192	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
H9	193	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
I11	194	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
I13	195	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
I14	196	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
I15	197	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
I16	198	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
I17	199	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
I6	200	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
I8	201	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
J10	202	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
J11	203	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
J12	204	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
J14	205	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
J17	206	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
J18	207	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
J3	208	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
J5	209	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
J8	210	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
J9	211	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
K10	212	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
K11	213	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
K12	214	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
K14	215	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
K15	216	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
K16	217	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
K6	218	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
K9	219	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
L11	220	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
L12	221	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
L13	222	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
L15	223	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
L16	224	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
L18	225	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
L19	226	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
L20	227	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
L21	228	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
L7	229	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
L9	230	7.55E-09	2.33E-07	5.17E-06	1.06E-07	2.14E-08	1.03E-06	2.94E-08	4.58E-09	4.63E-06	3.63E-09	3.21E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.96E-08	1.35E-11
M10	231	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
M11	232	2.19E-06	6.77E-05	1.85E-04	3.07E-05	7.72E-07	3.69E-05	8.52E-06	1.33E-06	1.65E-04	1.05E-06	1.14E-04	3.25E-07	1.22E-07	7.84E-08	1.53E-07	6.27E-08	5.88E-08	1.61E-07	7.30E-06	7.58E-04	8.63E-08	6.99E-07	3.92E-09
M13	233	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
M15	234	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
M6	235	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
M7	236	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
M8	237	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
M9	238	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N10	239	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N11	240	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N12	241	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N13	242	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
N14	243	7.57E-09	2.34E-07	7.75E-06	1.06E-07	3.21E-08	1.55E-06	2.94E-08	4.59E-09	6.95E-06	3.64E-09	4.81E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	2.94E-08	1.35E-11
N15	244	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N17	245	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N18	246	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
N22	247	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N8	248	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
N9	249	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
O12	250	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
O14	251	7.58E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.95E-08	4.59E-09	2.32E-06	3.65E-09	1.60E-06	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	9.80E-09	1.36E-11
O16	252	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
O17	253	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
O18	254	7.56E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	9.80E-09	1.35E-11
O19	255	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
O20	256	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
O21	257	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
O24	258	7.58E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.95E-08	4.60E-09	2.32E-06	3.65E-09	1.60E-06	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	9.80E-09	1.36E-11
O6	259	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
O7	260	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
O8	261	7.56E-09	2.34E-07	5.17E-06	1.06E-07	2.14E-08	1.03E-06	2.94E-08	4.59E-09	4.63E-06	3.64E-09	3.21E-06	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.96E-08	1.35E-11
P10	262	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
P11	263	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
P12	264	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
P14	265	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
P15	266	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
P16	267	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
P17	268	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
P21	269	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
P22	270	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
P23	271	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
P7	272	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
P9	273	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q11	274	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q12	275	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Q13	276	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Q14	277	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q15	278	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q16	279	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Q17	280	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
Q18	281	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q19	282	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Q21	283	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Q22	284	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q23	285	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
Q24	286	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q25	287	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Q8	288	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
R10	289	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
R11	290	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
R12	291	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
R13	292	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
R14	293	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
R15	294	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
R18	295	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
R19	296	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
R20	297	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
R24	298	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
R25	299	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
R27	300	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
R7	301	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
R8	302	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
R9	303	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
S11	304	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
S12	305	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
S13	306	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
S14	307	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
S15	308	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
S16	309	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
S17	310	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
S18	311	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
S21	312	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
S22	313	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
S23	314	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
S25	315	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
S26	316	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
T13	317	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
T14	318	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
T16	319	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
T17	320	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
T19	321	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
T20	322	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
T23	323	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
T24	324	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
T28	325	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
T7	326	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
T9	327	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
U11	328	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
U12	329	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U13	330	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U14	331	7.57E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	9.80E-09	1.35E-11
U15	332	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
U16	333	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U17	334	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U18	335	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
U20	336	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09

Well Grids
IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
U21	337	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U22	338	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
U23	339	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U25	340	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U27	341	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
U8	342	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
V10	343	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
V11	344	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
V14	345	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
V15	346	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
V16	347	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
V17	348	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
V18	349	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
V19	350	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
V20	351	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
V22	352	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
V23	353	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
V25	354	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
V26	355	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
V29	356	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
W11	357	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
W12	358	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
W13	359	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
W16	360	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
W19	361	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
W20	362	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
W21	363	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
W22	364	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09
W23	365	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
W24	366	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
W25	367	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
W26	368	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
W27	369	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
X15	370	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
X16	371	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
X17	372	7.56E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	9.80E-09	1.35E-11
X18	373	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
X20	374	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
X21	375	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
X22	376	7.56E-09	2.34E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.59E-09	2.32E-06	3.64E-09	1.60E-06	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	9.80E-09	1.35E-11
X24	377	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
X28	378	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
X30	379	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
X33	380	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Y12	381	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Y14	382	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Y15	383	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Y17	384	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Y18	385	2.19E-06	6.77E-05	1.85E-04	3.07E-05	7.72E-07	3.69E-05	8.52E-06	1.33E-06	1.65E-04	1.05E-06	1.14E-04	3.25E-07	1.22E-07	7.84E-08	1.53E-07	6.27E-08	5.88E-08	1.61E-07	7.30E-06	7.58E-04	8.63E-08	6.99E-07	3.92E-09
Y20	386	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Y21	387	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Y22	388	1.83E-06	5.64E-05	1.54E-04	2.56E-05	6.44E-07	3.07E-05	7.10E-06	1.11E-06	1.38E-04	8.79E-07	9.53E-05	2.71E-07	1.01E-07	6.53E-08	1.27E-07	5.23E-08	4.90E-08	1.34E-07	6.09E-06	6.32E-04	7.19E-08	5.83E-07	3.27E-09
Y23	389	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
Y26	390	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Y27	391	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Y28	392	1.46E-06	4.51E-05	1.23E-04	2.05E-05	5.15E-07	2.46E-05	5.68E-06	8.86E-07	1.10E-04	7.03E-07	7.63E-05	2.17E-07	8.10E-08	5.23E-08	1.02E-07	4.18E-08	3.92E-08	1.07E-07	4.87E-06	5.05E-04	5.75E-08	4.66E-07	2.61E-09

Well Grids

IOF HRA: Scenario 1 includes fugitives, workovers, drilling, construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
Y30	393	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Y31	394	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Z15	395	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Z16	396	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Z17	397	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Z18	398	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Z19	399	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Z20	400	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Z22	401	7.31E-07	2.26E-05	6.15E-05	1.02E-05	2.57E-07	1.23E-05	2.84E-06	4.43E-07	5.51E-05	3.52E-07	3.81E-05	1.08E-07	4.05E-08	2.61E-08	5.10E-08	2.09E-08	1.96E-08	5.36E-08	2.43E-06	2.53E-04	2.88E-08	2.33E-07	1.31E-09
Z23	402	7.55E-09	2.33E-07	2.58E-06	1.06E-07	1.07E-08	5.17E-07	2.94E-08	4.58E-09	2.32E-06	3.63E-09	1.60E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	9.80E-09	1.35E-11
Z24	403	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Z25	404	1.10E-06	3.38E-05	9.23E-05	1.54E-05	3.86E-07	1.84E-05	4.26E-06	6.65E-07	8.27E-05	5.27E-07	5.72E-05	1.63E-07	6.08E-08	3.92E-08	7.65E-08	3.14E-08	2.94E-08	8.04E-08	3.65E-06	3.79E-04	4.31E-08	3.50E-07	1.96E-09
Z29	405	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Z30	406	3.65E-07	1.13E-05	3.08E-05	5.12E-06	1.29E-07	6.14E-06	1.42E-06	2.22E-07	2.76E-05	1.76E-07	1.91E-05	5.42E-08	2.03E-08	1.31E-08	2.55E-08	1.05E-08	9.80E-09	2.68E-08	1.22E-06	1.26E-04	1.44E-08	1.17E-07	6.53E-10
Z31	407	7.55E-09	2.33E-07	5.17E-06	1.06E-07	2.14E-08	1.03E-06	2.94E-08	4.58E-09	4.63E-06	3.63E-09	3.21E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.96E-08	1.35E-11
Totals																								

Calculations

Heater H-100, process gas/natural gas

13.26	Throughput Max, mmbtu/hr
1158	HHV, btu/scf
0.0115	Peak hr, mmscf
190.8	Peak, scfm
100.0	Load
100.31	Annual at 100% load, mmscf

Source testing showed the following at peak load

110.3	fuel rate, scfm, as per source test
0.58	implied load of
0.006618	fuel rate, mmscfh

FIRE Pump

335	hp rating
0.0511	AP-42 fuel use, gal/hp-hr
17.12	Peak hour fuel use, gal
18.6	stated max fuel rate, from spreadsheet notes

Waukesha

917	hp rating
7300	fuel use, btu/hp-hr (as per Waukesha literature)
1158	HHV, ng, btu/scf
0.0058	Peak hr gas use, mmscfh

External NG Combustion Exhaust Flows, natural gas combustion, based on EPA Method 19

Waukesha	Heater	Flare	
3.778	13.26	100.88	fuel input, mmbtu/hr
1134	1134	1134	gas HHV, btu/scf (as per Applicant data)
8710	8710	8710	Fd factor (from Method 19 table 2)
3	3	3	exhaust percent oxygen
0.042432	0.042432	0.042432	Methane density, lb/ft3
3,332	11,693	88,959	dscfh fuel input
38,421	134,851	1,025,927	DSCFH of exhaust, using Method 19 Fd value
640	2,248	17,099	scfm
0.3023	1.1	8.0708	Exhaust Flow, m3/sec
2,987	10,484	79,758	Exhaust gas flow, lb/hr
377	1,324	10,070	Exhaust gas flow, grams/sec

Flare, 2019 data

169.4	TOTAL HOURS FLARED
15067	TOTAL MSCF FLARED
89.0	Average, MSCF/hr
1134	HHV
100.88	mmbtu/hr avg
596	Peak hr, MSCF/hr
675.9	mmbtu/hr peak

Heater Source Testing Data

8.49	exhaust flow, ft/sec
5.59	area of stack, ft2
1318	dscfm
968	stack temp, R
0.81	Stack dia, m
0.62	m3/s
2.59	m/s

Vehicles AERMOD inputs

as per EPA 2015 transportation Conformaty

7	Width of travel lane, m
6	added width as per EPA
13	total width, m
1.52	height, light duty, m
4.00	height, heavy duty, m
1.56	Weighted by total miles height, m
1.7	multiplier, as per EPA
2.65	AERMOD height, m, weight by vehicle traffic (see vehicles tab)
1.23	AERMOD, Szinit
0.78	AERMOD, release height, m

Buildings

Tank Diameter, ft 40

Tank	SW Corner X	SW Y	SE X	SE Y	NE X	NE Y	NW X	NW Y
T-50	373634	3763441	373646	3763441	373646	3763453	373634	3763453
T-56A	373628	3763486	373640	3763486	373640	3763498	373628	3763498
T-56B	373631	3763472	373643	3763472	373643	3763484	373631	3763484
T-56C	373634	3763455	373646	3763455	373646	3763467	373634	3763467
T-9B	373490	3763217	373502	3763217	373502	3763230	373490	3763230
T-2A	373494	3763143	373506	3763143	373506	3763155	373494	3763155
T-2B	373494	3763152	373506	3763152	373506	3763164	373494	3763164

EPA MOVES ARSENIC EF Derivation

Arsenic emissions rates are calculated in MOVES based on tests from the year 2000 in a tunnel in Milwalkee
as vehicles have evolved since then, and will in the future, year 2000 pm2.5 emission rates are compared toEMFAC2014 values
to adjust the emissions from the MOVES values
As indicated in EPA MOVES, all metals are a function of PM2.5 emissions rates
Arsenic atio gasoline 2000 rate to weighting future rate --> 0.08

Hexavalent chrominum

Hexavalent chromium developed from 2008 year vehicles by EPA
Ratio gasoline rate to weighting future rate --> 0.22

MERCURY

mercury were developed in 2005
Ratio gasoline rate to weighting future rate --> 0.14

Attachment C

Scenario 2 – Future Worst Case Operations

Spreadsheet details

Attachment C – Scenario 2– Future Worst Case Operations Spreadsheets

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Equipment Emissions Inputs	C-3
Equipment Emissions, AER 2019 Summary	C-4
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Workover Emissions	C-16
HARP2 Source Emission Inputs	C-17
Well Grids and Emissions	C-225

Summary of Emissions - Fieldwide, Pounds

IOF HRA: Scenario Future

		All - Total		Equipment		Drilling		Workovers		Vehicles		Construction	
Pollutant	CAS	Annual Pounds	Peak hr pounds	Annual Pounds	Peak hr pounds	Annual Pounds	Peak hr pounds	Annual Pounds	Peak hr pounds	Annual Pounds	Peak hr pounds	Annual Pounds	Peak hr pounds
PAHs [PAH, POM] All except napth	1151	3.4E+00	1.2E-03	5.8E-02	4.3E-04	1.6E+00	2.4E-04	1.7E+00	5.4E-04	0.0E+00	0.0E+00	9.0E-03	4.5E-06
Silica, crystalline5	1175	2.1E+03	1.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E+03	1.0E+00	0.0E+00	0.0E+00
Diesel exhaust particulates	9901	2.2E+02	4.2E-01	3.7E-01	3.7E-01	1.9E+02	2.8E-02	2.6E+01	8.4E-03	2.7E-01	1.3E-04	1.6E+00	1.3E-02
Formaldehyde	50000	1.2E+02	6.4E-02	1.9E+01	4.0E-02	5.1E+01	7.4E-03	5.2E+01	1.7E-02	0.0E+00	0.0E+00	2.8E-01	1.4E-04
Benzoapyrene	50328	1.8E-05	8.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-05	8.5E-09	0.0E+00	0.0E+00
Carbon tetrachloride	56235	1.1E-05	1.1E-05	1.1E-05	1.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzaanthracene	56553	3.3E-04	1.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-04	1.6E-07	0.0E+00	0.0E+00
Methanol	67561	1.9E-02	1.9E-02	1.9E-02	1.9E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroform	67663	8.4E-05	8.4E-05	8.4E-05	8.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzene	71432	4.6E+02	5.9E-02	4.4E+02	5.5E-02	5.5E+00	8.0E-04	5.6E+00	1.8E-03	2.8E+00	1.4E-03	3.0E-02	1.5E-05
Vinyl chloride	75014	4.4E-06	4.4E-06	4.4E-06	4.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetaldehyde	75070	1.1E+00	2.6E-02	1.1E+00	2.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methylene chloride {Dichloromethane}	75092	2.5E-03	2.5E-03	2.5E-03	2.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dichloropropane {Propylene dichloride}	78875	8.0E-05	8.0E-05	8.0E-05	8.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2-Trichloroethane {Vinyl trichloride}	79005	9.4E-05	9.4E-05	9.4E-05	9.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2,2-Tetrachloroethane	79345	1.6E-04	1.6E-04	1.6E-04	1.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PAH: napthalene	91203	1.6E+00	5.6E-04	1.4E+00	5.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-01	6.0E-05	0.0E+00	0.0E+00
Ethyl benzene	100414	8.4E+01	1.7E-02	8.3E+01	1.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-01	4.2E-04	0.0E+00	0.0E+00
Styrene	100425	2.0E-01	1.7E-04	7.3E-05	7.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-01	9.7E-05	0.0E+00	0.0E+00
Ethylene dibromide {1,2-Dibromoethane}	106934	1.3E-05	1.3E-05	1.3E-05	1.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Butadiene [1,3]	106990	1.3E+01	5.9E-03	2.8E-03	2.8E-03	6.4E+00	9.3E-04	6.6E+00	2.1E-03	0.0E+00	0.0E+00	3.5E-02	1.7E-05
Acrolein	107028	5.4E-01	1.7E-02	5.1E-01	1.7E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-02	1.7E-05	0.0E+00	0.0E+00
Ethylene dichloride {1,2-Dichloroethane}	107062	6.9E-06	6.9E-06	6.9E-06	6.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Toluene	108883	3.6E+02	4.9E-02	3.5E+02	4.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E+00	3.0E-03	0.0E+00	0.0E+00
Hexane	110543	2.6E+02	3.3E-02	2.6E+02	3.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-01	2.5E-04	0.0E+00	0.0E+00
Benzobfluoranthene	205992	2.4E-04	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-04	1.2E-07	0.0E+00	0.0E+00
Benzokfluoranthene	207089	2.4E-04	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-04	1.2E-07	0.0E+00	0.0E+00
Chrysene	218019	3.7E-04	1.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-04	1.8E-07	0.0E+00	0.0E+00
1,3-Dichloropropene	542756	7.8E-05	7.8E-05	7.8E-05	7.8E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Xylenes	1330207	1.9E+02	2.5E-02	1.9E+02	2.3E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E+00	1.7E-03	0.0E+00	0.0E+00
2378TetrachlorodibenzopDioxinTCDD	1746016	4.5E-11	2.2E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-11	2.2E-14	0.0E+00	0.0E+00
Octachlorodibenzopdioxin	3268879	2.6E-09	1.2E-12	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-09	1.2E-12	0.0E+00	0.0E+00
Aluminum	7429905	1.7E+03	8.1E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E+03	8.1E-01	0.0E+00	0.0E+00
Lead compounds (inorganic)	7439921	1.9E+01	8.9E-03	9.3E-05	9.3E-05	2.4E-01	3.6E-05	2.5E-01	8.0E-05	1.8E+01	8.7E-03	1.3E-03	6.7E-07
Manganese	7439965	2.0E+01	9.6E-03	3.5E-05	3.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E+01	9.6E-03	0.0E+00	0.0E+00
Mercury and mercury compounds	7439976	3.7E-05	2.2E-05	2.2E-05	2.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-05	7.0E-09	0.0E+00	0.0E+00
Nickel	7440020	1.6E+00	7.4E-04	4.4E-05	4.4E-05	1.1E-01	1.7E-05	1.2E-01	3.8E-05	1.3E+00	6.4E-04	6.3E-04	3.1E-07
Arsenic and Compounds (inorganic)	7440382	3.8E-01	1.8E-04	1.8E-05	1.8E-05	4.7E-02	6.9E-06	4.8E-02	1.6E-05	2.9E-01	1.4E-04	2.6E-04	1.3E-07
Barium	7440393	2.0E+01	9.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E+01	9.8E-03	0.0E+00	0.0E+00
Beryllium	7440417	2.1E-02	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-02	1.0E-05	0.0E+00	0.0E+00
Cadmium	7440439	5.5E-01	2.6E-04	1.7E-05	1.7E-05	4.4E-02	6.4E-06	4.5E-02	1.5E-05	4.6E-01	2.2E-04	2.4E-04	1.2E-07
Chromium (total)	7440473	5.2E+00	2.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E+00	2.5E-03	0.0E+00	0.0E+00
Copper	7440508	1.8E+00	9.3E-04	4.6E-05	4.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E+00	8.8E-04	0.0E+00	0.0E+00
Zinc	7440666	1.3E+01	6.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E+01	6.1E-03	0.0E+00	0.0E+00
Hydrochloric acid	7647010	2.1E-03	2.1E-03	2.1E-03	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Ammonia	7664417	1.8E+03	3.9E-01	4.0E+02	7.4E-02	8.5E+02	1.2E-01	5.9E+02	1.9E-01	0.0E+00	0.0E+00	4.7E+00	2.3E-03
Selenium and compounds	7782492	2.1E-02	3.5E-05	2.5E-05	2.5E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-02	1.0E-05	0.0E+00	0.0E+00
Hydrogen sulfide	7783064	1.1E+00	1.3E-04	1.1E+00	1.3E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chromium, hexavalent (and compounds)	18540299	6.0E-03	2.5E-06	1.1E-06	1.1E-06	2.9E-03	4.3E-07	3.0E-03	9.7E-07	1.5E-06	7.0E-10	1.6E-05	8.0E-09
123789HexachlorodibenzopDioxin	19408743	2.7E-11	1.3E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-11	1.3E-14	0.0E+00	0.0E+00
1234678HeptachlorodibenzopDioxin	35822469	3.2E-10	1.6E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-10	1.6E-13	0.0E+00	0.0E+00
Octachlorodibenzofuran	39001020	7.5E-10	3.6E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-10	3.6E-13	0.0E+00	0.0E+00
123478HexachlorodibenzopDioxin	39227286	2.1E-11	1.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-11	1.0E-14	0.0E+00	0.0E+00
12378PentachlorodibenzopDioxin	40321764	2.0E-11	9.7E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-11	9.7E-15	0.0E+00	0.0E+00
2378Tetrachlorodibenzofuran	51207319	1.5E-10	7.2E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-10	7.2E-14	0.0E+00	0.0E+00
1234789Heptachlorodibenzofuran	55673897	2.1E-11	1.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-11	1.0E-14	0.0E+00	0.0E+00
23478Pentachlorodibenzofuran	57117314	5.3E-11	2.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-11	2.5E-14	0.0E+00	0.0E+00
12378Pentachlorodibenzofuranj	57117416	7.2E-11	3.4E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-11	3.4E-14	0.0E+00	0.0E+00
123678Hexachlorodibenzofuran	57117449	6.3E-11	3.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-11	3.0E-14	0.0E+00	0.0E+00
123678HexachlorodibenzopDioxin	57653857	4.3E-11	2.1E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-11	2.1E-14	0.0E+00	0.0E+00
234678Hexachlorodibenzofuran	60851345	7.4E-11	3.6E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-11	3.6E-14	0.0E+00	0.0E+00
1234678Heptachlorodibenzofuran	67562394	6.6E-10	3.2E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-10	3.2E-13	0.0E+00	0.0E+00
123478Hexachlorodibenzofuran	70648269	5.9E-11	2.8E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.9E-11	2.8E-14	0.0E+00	0.0E+00
123789Hexachlorodibenzofuran	72918219	1.7E-11	8.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-11	8.3E-15	0.0E+00	0.0E+00

Summary of Emissions - Fieldwide, grams

IOF HRA: Scenario Future

		All - Total		Equipment		Drilling		Workovers		Vehicles		Construction	
Pollutant	CAS	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec	Annual grams/sec	Peak hr grams/sec
PAHs [PAH, POM] All except napth	1151	4.9E-05	1.5E-04	8.4E-07	5.4E-05	2.4E-05	3.0E-05	2.4E-05	6.8E-05	0.0E+00	0.0E+00	1.3E-07	5.7E-07
Silica, crystalline5	1175	3.0E-02	1.3E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-02	1.3E-01	0.0E+00	0.0E+00
Diesel exhaust particulates	9901	3.1E-03	5.3E-02	5.4E-06	4.7E-02	2.7E-03	3.5E-03	3.8E-04	1.1E-03	3.9E-06	1.6E-05	2.2E-05	1.6E-03
Formaldehyde	50000	1.8E-03	8.1E-03	2.8E-04	5.0E-03	7.3E-04	9.3E-04	7.5E-04	2.1E-03	0.0E+00	0.0E+00	4.0E-06	1.7E-05
Benzoapyrene	50328	2.6E-10	1.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-10	1.1E-09	0.0E+00	0.0E+00
Carbon tetrachloride	56235	1.6E-10	1.4E-06	1.6E-10	1.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzaanthracene	56553	4.7E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-09	2.0E-08	0.0E+00	0.0E+00
Methanol	67561	2.7E-07	2.4E-03	2.7E-07	2.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chloroform	67663	1.2E-09	1.1E-05	1.2E-09	1.1E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Benzene	71432	6.5E-03	7.4E-03	6.3E-03	6.9E-03	7.9E-05	1.0E-04	8.1E-05	2.3E-04	4.1E-05	1.7E-04	4.3E-07	1.9E-06
Vinyl chloride	75014	6.3E-11	5.6E-07	6.3E-11	5.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Acetaldehyde	75070	1.5E-05	3.3E-03	1.5E-05	3.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Methylene chloride {Dichloromethane}	75092	3.6E-08	3.2E-04	3.6E-08	3.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,2-Dichloropropane {Propylene dichloride}	78875	1.1E-09	1.0E-05	1.1E-09	1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2-Trichloroethane {Vinyl trichloride}	79005	1.4E-09	1.2E-05	1.4E-09	1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
1,1,2,2-Tetrachloroethane	79345	2.2E-09	2.0E-05	2.2E-09	2.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
PAH: napthalene	91203	2.3E-05	7.0E-05	2.1E-05	6.3E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-06	7.6E-06	0.0E+00	0.0E+00
Ethyl benzene	100414	1.2E-03	2.2E-03	1.2E-03	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-05	5.3E-05	0.0E+00	0.0E+00
Styrene	100425	2.9E-06	2.1E-05	1.1E-09	9.2E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-06	1.2E-05	0.0E+00	0.0E+00
Ethylene dibromide {1,2-Dibromoethane}	106934	1.9E-10	1.6E-06	1.9E-10	1.6E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Butadiene [1,3]	106990	1.9E-04	7.4E-04	4.1E-08	3.6E-04	9.2E-05	1.2E-04	9.5E-05	2.7E-04	0.0E+00	0.0E+00	5.0E-07	2.2E-06
Acrolein	107028	7.8E-06	2.1E-03	7.3E-06	2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-07	2.2E-06	0.0E+00	0.0E+00
Ethylene dichloride {1,2-Dichloroethane}	107062	1.0E-10	8.7E-07	1.0E-10	8.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Toluene	108883	5.1E-03	6.1E-03	5.1E-03	5.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.9E-05	3.7E-04	0.0E+00	0.0E+00
Hexane	110543	3.8E-03	4.1E-03	3.8E-03	4.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-06	3.2E-05	0.0E+00	0.0E+00
Benzobfluoranthene	205992	3.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-09	1.5E-08	0.0E+00	0.0E+00
Benzokfluoranthene	207089	3.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-09	1.5E-08	0.0E+00	0.0E+00
Chrysene	218019	5.3E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-09	2.2E-08	0.0E+00	0.0E+00
1,3-Dichloropropene	542756	1.1E-09	9.8E-06	1.1E-09	9.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Xylenes	1330207	2.8E-03	3.2E-03	2.7E-03	3.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-05	2.1E-04	0.0E+00	0.0E+00
2378TetrachlorodibenzopDioxinTCDD	1746016	6.5E-16	2.7E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-16	2.7E-15	0.0E+00	0.0E+00
Octachlorodibenzopdioxin	3268879	3.7E-14	1.5E-13	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-14	1.5E-13	0.0E+00	0.0E+00
Aluminum	7429905	2.4E-02	1.0E-01	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-02	1.0E-01	0.0E+00	0.0E+00
Lead compounds (inorganic)	7439921	2.7E-04	1.1E-03	1.3E-09	1.2E-05	3.5E-06	4.5E-06	3.6E-06	1.0E-05	2.6E-04	1.1E-03	1.9E-08	8.4E-08
Manganese	7439965	2.9E-04	1.2E-03	5.0E-10	4.4E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-04	1.2E-03	0.0E+00	0.0E+00
Mercury and mercury compounds	7439976	5.3E-10	2.8E-06	3.2E-10	2.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-10	8.8E-10	0.0E+00	0.0E+00
Nickel	7440020	2.3E-05	9.3E-05	6.3E-10	5.5E-06	1.6E-06	2.1E-06	1.7E-06	4.8E-06	1.9E-05	8.1E-05	9.0E-09	3.9E-08
Arsenic and Compounds (inorganic)	7440382	5.5E-06	2.3E-05	2.6E-10	2.2E-06	6.7E-07	8.7E-07	7.0E-07	2.0E-06	4.2E-06	1.7E-05	3.7E-09	1.6E-08
Barium	7440393	2.9E-04	1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-04	1.2E-03	0.0E+00	0.0E+00
Beryllium	7440417	3.0E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07	1.3E-06	0.0E+00	0.0E+00
Cadmium	7440439	7.9E-06	3.3E-05	2.4E-10	2.1E-06	6.3E-07	8.1E-07	6.5E-07	1.8E-06	6.6E-06	2.8E-05	3.5E-09	1.5E-08
Chromium (total)	7440473	7.5E-05	3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-05	3.1E-04	0.0E+00	0.0E+00
Copper	7440508	2.6E-05	1.2E-04	6.6E-10	5.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.6E-05	1.1E-04	0.0E+00	0.0E+00
Zinc	7440666	1.8E-04	7.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-04	7.6E-04	0.0E+00	0.0E+00
Hydrochloric acid	7647010	3.0E-08	2.6E-04	3.0E-08	2.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Ammonia	7664417	2.7E-02	4.9E-02	5.8E-03	9.4E-03	1.2E-02	1.6E-02	8.4E-03	2.4E-02	0.0E+00	0.0E+00	6.7E-05	2.9E-04
Selenium and compounds	7782492	3.0E-07	4.4E-06	3.5E-10	3.1E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07	1.3E-06	0.0E+00	0.0E+00
Hydrogen sulfide	7783064	1.6E-05	1.6E-05	1.6E-05	1.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
Chromium, hexavalent (and compounds)	18540299	8.6E-08	3.2E-07	1.6E-11	1.4E-07	4.2E-08	5.4E-08	4.4E-08	1.2E-07	2.1E-11	8.8E-11	2.3E-10	1.0E-09
123789HexachlorodibenzopDioxin	19408743	3.9E-16	1.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-16	1.6E-15	0.0E+00	0.0E+00
1234678HeptachlorodibenzopDioxin	35822469	4.7E-15	2.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-15	2.0E-14	0.0E+00	0.0E+00
Octachlorodibenzofuran	39001020	1.1E-14	4.5E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-14	4.5E-14	0.0E+00	0.0E+00
123478HexachlorodibenzopDioxin	39227286	3.0E-16	1.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-16	1.3E-15	0.0E+00	0.0E+00
12378PentachlorodibenzopDioxin	40321764	2.9E-16	1.2E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-16	1.2E-15	0.0E+00	0.0E+00
2378Tetrachlorodibenzofuran	51207319	2.2E-15	9.1E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-15	9.1E-15	0.0E+00	0.0E+00
1234789Heptachlorodibenzofuran	55673897	3.0E-16	1.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-16	1.3E-15	0.0E+00	0.0E+00
23478Pentachlorodibenzofuran	57117314	7.6E-16	3.2E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-16	3.2E-15	0.0E+00	0.0E+00
12378Pentachlorodibenzofuranj	57117416	1.0E-15	4.3E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-15	4.3E-15	0.0E+00	0.0E+00
123678Hexachlorodibenzofuran	57117449	9.1E-16	3.8E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-16	3.8E-15	0.0E+00	0.0E+00
123678HexachlorodibenzopDioxin	57653857	6.2E-16	2.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-16	2.6E-15	0.0E+00	0.0E+00
234678Hexachlorodibenzofuran	60851345	1.1E-15	4.5E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-15	4.5E-15	0.0E+00	0.0E+00
1234678Heptachlorodibenzofuran	67562394	9.5E-15	4.0E-14	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-15	4.0E-14	0.0E+00	0.0E+00
123478Hexachlorodibenzofuran	70648269	8.6E-16	3.6E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.6E-16	3.6E-15	0.0E+00	0.0E+00
123789Hexachlorodibenzofuran	72918219	2.5E-16	1.0E-15	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-16	1.0E-15	0.0E+00	0.0E+00

IOF HRA: Scenario Future
IOF HRA Emissions Calculations

Inputs for Equipment Emissions

Unit	AER Device ID	2019 Throughput, Annual	Analysis Throughput, Annual	Units	Peak Hourly	Units	Notes
AIR FLOATATION UNIT, AFU #1	ES266	76.3	174.6	M Gal	0.020	M Gal	1
AIR FLOATATION UNIT, AFU #2	ES267	76.3	174.6	M Gal	0.020	M Gal	1
AIR FLOATATION UNIT, AFU #3	ES268	76.3	174.6	M Gal	0.020	M Gal	1
AIR FLOATATION UNIT, AFU #4	ES273	76.3	174.6	M Gal	0.020	M Gal	1
AIR FLOATATION UNIT, AFU #5	ES274	76.3	174.6	M Gal	0.020	M Gal	1
FLARE, GROUND FLARE	ES263	15.1	15.1	mmscf	0.007	mmscf	2
FLOATATION UNIT	ES111	61.4	140.5	M Gal	0.016	M Gal	1
HEATER, H-100	ES69	55.2	126.3	mmscf	0.014	mmscf	1, 5
FIRE PUMP	ES39	11.2	11.2	gal	0.011	Mgal	3, 6
WAUKESHA EMERGENCY Gen	ES230	0.00602	0.00602	mmscf	0.006	mmscf	4, 5
BC 10K Wash Tank 1 (D39)	ES72	10793.0	24715.9	M gal	2.821	M gal	1
BC 10K Wash Tank 2 (D348)	ES77	16189.5	37073.9	M gal	4.232	M gal	1
BC 10K Wash Tank 3 (D350)	ES83	15474.9	35437.4	M gal	4.045	M gal	1
BC 3K Stock Tank (D45)	ES81	21586.0	49431.8	M gal	5.643	M gal	1
BC 5K Stock Tank (D44)	ES80	32378.9	74147.8	M gal	8.464	M gal	1
BC 5K Wash Tank (D349)	ES78	10793.0	24715.9	M gal	2.821	M gal	1
Gasoline Tank & Dispenser	ES309	31992.5	31992.5	gal	3.652	gal	1
LAI 10K Wash Tank 1 (D21)	ES84	17988.3	41193.2	M gal	4.702	M gal	1
LAI 10K Wash Tank 2 (D206)	ES65	17988.3	41193.2	M gal	4.702	M gal	1
LAI 5K Overflow Tank (D360)	ES231	359.8	823.9	M gal	0.094	M gal	1
LAI 5K Stock Tank (D36)	ES101	35976.6	82386.4	M gal	9.405	M gal	1
NUWP 0.5K Surge Tank 2-A (D69)	ES279	4.1	9.5	M gal	0.001	M gal	1
NUWP 0.5K Surge Tank 2-B (D70)	ES280	4.1	9.5	M gal	0.001	M gal	1
NUWP 10K Slop Tank T-1 (D60)	ES269	183.9	421.1	M gal	0.048	M gal	1
NUWP 5K Clean Tank T-10 (D365)	ES285	3.2	7.4	M gal	0.001	M gal	1
NUWP 5K Clean Tank T-6 (D354)	ES283	2.2	5.0	M gal	0.001	M gal	1
NUWP 5K Clean Tank T-9 (D364)	ES284	3.2	7.4	M gal	0.001	M gal	1
NUWP 5K Raw Tank T-1A (D67)	ES277	13520.9	30962.8	M gal	3.535	M gal	1
NUWP 5K Raw Tank T-1B (D68)	ES278	13520.9	30962.8	M gal	3.535	M gal	1
NUWP 5K Raw Tank T-1C/3 (D336)	ES281	13520.9	30962.8	M gal	3.535	M gal	1
NUWP 5K Raw Tank T-1D/5 (D353))	ES282	13520.9	30962.8	M gal	3.535	M gal	1
Packard 5K Clean Oil Tank (D339)	ES297	2635.7	6035.9	M gal	0.689	M gal	1
Packard 5K Stock Tank 1 (D19)	ES295	27838.9	63751.1	M gal	7.278	M gal	1
Packard 5K Stock Tank 2 (D20)	ES296	27838.9	63751.1	M gal	7.278	M gal	1
Packard 5K Stock Tank 3 (D366)	ES289	27838.9	63751.1	M gal	7.278	M gal	1
T/Vic 3K Post-Wemco Tank (D129)	ES110	57.5	131.7	M gal	0.015	M gal	1
T/Vic 3K Pre-Wemco Tank (D128)	ES109	6389.5	14631.9	M gal	1.670	M gal	1
T/Vic 5K Clean Water Tank (D132)	ES114	6.4	14.6	M gal	0.002	M gal	1
T/Vic 5K Stock Tank (D124)	ES55	9012.4	20638.3	M gal	2.356	M gal	1
T/Vic 5K Wash Tank (D346)	ES118	9012.4	20638.3	M gal	2.356	M gal	1
Well Cellars	ES318	2764.8	6331.4	sq ft	0.72	fraction	1
Other Issues							
Increased Wells number from 2019, factor[7]	2.29						
Max number of reworking rigs[8]	8						

Notes: 1) constant operations all year. 2) peak throughput, assumes same as source test.

3) peak throughput based on 0.6 hr testing. 4) peak throughput based on 1 hr testing, waukesha data.

5) used AQMD Reclaim value instead of AER as RECLAIM value is higher

6) AER same as the RECLAIM

7) For future scenario, based on average wells = 1.43. For 2019 scenario = 1.0
for future scenario, only flare, FP, gen, and gasoline assumed not to change

8) CSD allows up to 8. 2019 had max of 6.

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	AQMD A/N #	Permit No	Source Group Type	AER Device ID	ES Name	ES Operating Status	Process Name
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Gas Plant	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS Field	Summarized from below						
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS			Other Processes	ES314	Wellheads (non-steam injection)	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
Well Cellars			Other Processes	ES318	Well Cellars	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	A/N: 554988	G31636	External Combustion	ES263	Standby Flare (750 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	A/N: 554965	G30986	External Combustion	ES69	RADCO Heater (13.26 MMBTU/hr)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	AQMD A/N #	Permit No	Source Group Type	AER Device ID	ES Name	ES Operating Status	Process Name
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	A/N: 554957	G30979	Internal Combustion	ES39	Emergency Fire Pump ICE (335 HP)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	A/N: 554983	G30994	Internal Combustion	ES230	Emergency Generator (Waukesha)	Normal Operation	
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A	A/N: 564886	N28609	Other Processes	ES309	Gasoline Tank & Dispenser	Normal Operation	Gasoline AGST & Dispenser
BC tank farm							
BC tank farm							
BC tank farm							
Packard facilities							
Packard facilities							
Packard facilities							
LAI-A tank farm							
LAI-A tank farm							
LAI-A tank farm							
LAI-B tank farm							
LAI-B tank farm							
LAI-B tank farm							
Tvic Tank Farm							
Tvic Tank Farm							
Tvic Tank Farm							
Tvick Remote Tanks							
Tvick Remote Tanks							
Tvick Remote Tanks							
Water Plant							
Water Plant							
Water Plant							

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	Tank Location	Equipment Type	Tank Type	Fuel Type	HHV	HHV Units	HHV Default (Y/N)	HHV Data Source	Material/ Activity
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
Well Cellars		Other process equipment							
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/		Flare		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX		Heater 10-100 MMBTU/HR		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	Tank Location	Equipment Type	Tank Type	Fuel Type	HHV	HHV Units	HHV Default (Y/N)	HHV Data Source	Material/ Activity
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP		Stationary I.C. Engines, 4 Stroke-Lean Burn		Distillate Fuel Oil No.	138.00	mmBTU/1000 gallon	Yes		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH		Stationary I.C. Engines, 4 Stroke-Rich Burn, with Catalyst		Natural Gas	1,158.00	mmBTU/mmscf	No	Gas sample (August 1	
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A		Other process equipment							
BC tank farm									
BC tank farm									
BC tank farm									
Packard facilities									
Packard facilities									
Packard facilities									
LAI-A tank farm									
LAI-A tank farm									
LAI-A tank farm									
LAI-B tank farm									
LAI-B tank farm									
LAI-B tank farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvick Remote Tanks									
Tvick Remote Tanks									
Tvick Remote Tanks									
Water Plant									
Water Plant									
Water Plant									

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	Material Description	Tank Product	Component Type	Capacity TP	TP Unit	2019 TP	2019 TP Unit	Throughput Type	Throughput Comment
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Gas Plant									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS Field									
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS				432.0	sources	432.0	sources	Existing	
Well Cellars				2,764.8	sq ft	6,331.4	sq ft	Input	
Well Cellars				2,764.8	sq ft	6,331.4	sq ft	Input	
Well Cellars				2,764.8	sq ft	6,331.4	sq ft	Input	
Well Cellars				2,764.8	sq ft	6,331.4	sq ft	Input	
Well Cellars				2,764.8	sq ft	6,331.4	sq ft	Input	
Well Cellars				2,764.8	sq ft	6,331.4	sq ft	Input	
Well Cellars				2,764.8	sq ft	6,331.4	sq ft	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/				15.1	mmscf	15.1	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX				54.3	mmscf	126.3	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	Material Description	Tank Product	Component Type	Capacity TP	TP Unit	2019 TP	2019 TP Unit	Throughput Type	Throughput Comment
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP				11.2	gal	0.0112	M gal	Input	0.6 hours @ 18.6 gal
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH				0.00593	mmscf	0.00602	mmscf	Input	
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A				31,992.5	gal	31,992.5	gal	Input	
BC tank farm									
BC tank farm									
BC tank farm									
Packard facilities									
Packard facilities									
Packard facilities									
LAI-A tank farm									
LAI-A tank farm									
LAI-A tank farm									
LAI-B tank farm									
LAI-B tank farm									
LAI-B tank farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvic Tank Farm									
Tvick Remote Tanks									
Tvick Remote Tanks									
Tvick Remote Tanks									
Water Plant									
Water Plant									
Water Plant									

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	TAC Group	Pollutant	Standing Loss EF	Working Loss EF	CAP EF	TAC/GHG EF	EF Unit	EF Comment	EF Data Source
FUGITIVE EMISSIONS Gas Plant	2 - Benzene	71432							
FUGITIVE EMISSIONS Gas Plant	19 - PAHs [PAH, POM]	91203							
FUGITIVE EMISSIONS Gas Plant	40 - Ethyl benzene	100414							
FUGITIVE EMISSIONS Gas Plant	68 - Toluene	108883							
FUGITIVE EMISSIONS Gas Plant	70 - Xylenes	1330207							
FUGITIVE EMISSIONS Gas Plant	32 - Ammonia	7664417							
FUGITIVE EMISSIONS Gas Plant	47 - Hydrogen sulfide	7783064							
FUGITIVE EMISSIONS Field	2 - Benzene	71432							
FUGITIVE EMISSIONS Field	19 - PAHs [PAH, POM]	91203							
FUGITIVE EMISSIONS Field	40 - Ethyl benzene	100414							
FUGITIVE EMISSIONS Field	68 - Toluene	108883							
FUGITIVE EMISSIONS Field	70 - Xylenes	1330207							
FUGITIVE EMISSIONS Field	32 - Ammonia	7664417							
FUGITIVE EMISSIONS Field	47 - Hydrogen sulfide	7783064							
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	2 - Benzene	71432				3.19000E-3	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	40 - Ethyl benzene	100414				6.38000E-4	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	68 - Toluene	108883				2.86000E-3	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	70 - Xylenes	1330207				1.98000E-3	lbs/sources	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	2 - Benzene	71432				1.20180E-2	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	19 - PAHs [PAH, POM]	91203				5.00000E-5	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	40 - Ethyl benzene	100414				2.40400E-3	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	68 - Toluene	108883				1.07740E-2	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	70 - Xylenes	1330207				7.45900E-3	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	32 - Ammonia	7664417				2.10000E-5	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
Well Cellars	47 - Hydrogen sulfide	7783064				4.60000E-5	lbs/sq ft/yr	1990 Unocal AB2588 Testing	Engineering Evaluation
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	19 - PAHs [PAH, POM]	1151				3.00000E-3	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	12 - Formaldehyde	50000				1.16900E+0	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	2 - Benzene	71432				1.59000E-1	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	29 - Acetaldehyde	75070				4.30000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	19 - PAHs [PAH, POM]	91203				1.10000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	40 - Ethyl benzene	100414				1.44400E+0	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	30 - Acrolein	107028				1.00000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	68 - Toluene	108883				5.80000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	44 - Hexane	110543				2.90000E-2	lbs/mmscf		AQMD default
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	70 - Xylenes	1330207				2.90000E-2	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	19 - PAHs [PAH, POM]	1151				1.00000E-4	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	12 - Formaldehyde	50000				1.23000E-1	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	2 - Benzene	71432				5.80000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	29 - Acetaldehyde	75070				3.10000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	19 - PAHs [PAH, POM]	91203				3.00000E-4	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	40 - Ethyl benzene	100414				6.90000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	30 - Acrolein	107028				2.70000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	68 - Toluene	108883				2.65000E-2	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	44 - Hexane	110543				4.60000E-3	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	70 - Xylenes	1330207				1.97000E-2	lbs/mmscf		AQMD default
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	32 - Ammonia	7664417				3.20000E+0	lbs/mmscf	No SCR or SNCR	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	19 - PAHs [PAH, POM]	1151				3.62000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	72 - Diesel exhaust particulates	9901				3.35000E+1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	12 - Formaldehyde	50000				1.72610E+0	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	2 - Benzene	71432				1.86300E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	29 - Acetaldehyde	75070				7.83300E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	19 - PAHs [PAH, POM]	91203				1.97000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	40 - Ethyl benzene	100414				1.09000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	4 - Butadiene [1,3]	106990				2.17400E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	30 - Acrolein	107028				3.39000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	68 - Toluene	108883				1.05400E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	44 - Hexane	110543				2.69000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	70 - Xylenes	1330207				4.24000E-2	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	15 - Lead compounds (inorganic)	7439921				8.30000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	49 - Manganese	7439965				3.10000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	50 - Mercury and mercury compounds	7439976				2.00000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	17 - Nickel	7440020				3.90000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	14 - Arsenic and Compounds (inorganic)	7440382				1.60000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	5 - Cadmium	7440439				1.50000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	36 - Copper	7440508				4.10000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	46 - Hydrochloric acid	7647010				1.86300E-1	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	32 - Ammonia	7664417				8.00000E-1	lbs/M gal	No SCR or SNCR	AQMD default

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	TAC Group	Pollutant	Standing Loss EF	Working Loss EF	CAP EF	TAC/GHG EF	EF Unit	EF Comment	EF Data Source
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	64 - Selenium and compounds	7782492				2.20000E-3	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	13 - Chromium, hexavalent (and compounds)	18540299				1.00000E-4	lbs/M gal		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	12 - Formaldehyde	50000				2.09100E+0	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	6 - Carbon tetrachloride	56235				1.80540E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	51 - Methanol	67561				3.12120E+0	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	35 - Chloroform	67663				1.39740E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	2 - Benzene	71432				1.61160E-1	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	21 - Vinyl chloride	75014				7.32360E-4	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	29 - Acetaldehyde	75070				2.84580E+0	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	16 - Methylene chloride {Dichloromethane}	75092				4.20240E-1	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	27 - 1,2-Dichloropropane {Propylene dichloride}	78875				1.32600E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	25 - 1,1,2-Trichloroethane {Vinyl trichloride}	79005				1.56060E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	24 - 1,1,2,2-Tetrachloroethane	79345				2.58060E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	19 - PAHs [PAH, POM]	91203				9.90420E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	40 - Ethyl benzene	100414				2.52960E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	66 - Styrene	100425				1.21380E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	9 - Ethylene dibromide {1,2-Dibromoethane}	106934				2.17260E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	4 - Butadiene [1,3]	106990				6.76260E-2	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	30 - Acrolein	107028				2.68260E+0	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	10 - Ethylene dichloride {1,2-Dichloroethane}	107062				1.15260E-3	lbs/mmscf	SCAQMD default EF with NSCR control (90%)	AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	68 - Toluene	108883				5.69160E-1	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	28 - 1,3-Dichloropropene	542756				1.29540E-2	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	70 - Xylenes	1330207				1.98900E-1	lbs/mmscf		AQMD default
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	32 - Ammonia	7664417				3.20000E+0	lbs/mmscf	NSCR-equipped, no SCR or SNCR	AQMD default
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A	2 - Benzene	71432				1.80000E-5	lbs/gal	1% benzene by wt	AQMD default
BC tank farm	2 - Benzene	71432							
BC tank farm	68 - Toluene	108883							
BC tank farm	44 - Hexane	110543							
Packard facilities	2 - Benzene	71432							
Packard facilities	68 - Toluene	108883							
Packard facilities	44 - Hexane	110543							
LAI-A tank farm	2 - Benzene	71432							
LAI-A tank farm	68 - Toluene	108883							
LAI-A tank farm	44 - Hexane	110543							
LAI-B tank farm	2 - Benzene	71432							
LAI-B tank farm	68 - Toluene	108883							
LAI-B tank farm	44 - Hexane	110543							
Tvic Tank Farm	2 - Benzene	71432							
Tvic Tank Farm	68 - Toluene	108883							
Tvic Tank Farm	44 - Hexane	110543							
Tvick Remote Tanks	2 - Benzene	71432							
Tvick Remote Tanks	68 - Toluene	108883							
Tvick Remote Tanks	44 - Hexane	110543							
Water Plant	2 - Benzene	71432							
Water Plant	68 - Toluene	108883							
Water Plant	44 - Hexane	110543							

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	RECLAIM pollutant (Y/N)	CE	Annual TAC Ems (lbs)	Pk Hour TAC Ems (lbs)
FUGITIVE EMISSIONS Gas Plant			4.1E+1	4.7E-3
FUGITIVE EMISSIONS Gas Plant			1.7E-1	2.0E-5
FUGITIVE EMISSIONS Gas Plant			8.3E+0	9.4E-4
FUGITIVE EMISSIONS Gas Plant			3.7E+1	4.2E-3
FUGITIVE EMISSIONS Gas Plant			2.6E+1	2.9E-3
FUGITIVE EMISSIONS Gas Plant			7.1E-2	8.1E-6
FUGITIVE EMISSIONS Gas Plant			1.6E-1	1.8E-5
FUGITIVE EMISSIONS Field			1.8E+2	2.1E-2
FUGITIVE EMISSIONS Field			7.5E-1	8.6E-5
FUGITIVE EMISSIONS Field			3.6E+1	4.1E-3
FUGITIVE EMISSIONS Field			1.6E+2	1.9E-2
FUGITIVE EMISSIONS Field			1.1E+2	1.3E-2
FUGITIVE EMISSIONS Field			3.1E-1	3.6E-5
FUGITIVE EMISSIONS Field			6.9E-1	7.9E-5
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		1.4E+0	1.6E-4
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		2.8E-1	3.1E-5
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		1.2E+0	1.4E-4
FUGITIVE EMISSIONS, RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	No		8.6E-1	9.8E-5
Well Cellars	No		7.6E+1	8.7E-3
Well Cellars	No		3.2E-1	3.6E-5
Well Cellars	No		1.5E+1	1.7E-3
Well Cellars	No		6.8E+1	7.8E-3
Well Cellars	No		4.7E+1	5.4E-3
Well Cellars	No		1.3E-1	1.5E-5
Well Cellars	No		2.9E-1	3.3E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		4.5E-2	2.0E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		1.8E+1	7.7E-3
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		2.4E+0	1.1E-3
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		6.5E-1	2.8E-4
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		1.7E-1	7.3E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		2.2E+1	9.6E-3
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		1.5E-1	6.6E-5
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		8.7E-1	3.8E-4
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		4.4E-1	1.9E-4
FLARE, GROUND FLARE, PROCESS GAS, STANDBY, CALLIDUS, MODEL BTZ-TEGE, ENCLOSED, 750 MMMBTU/	No		4.4E-1	1.9E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.3E-2	1.4E-6
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		1.6E+0	1.8E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		7.3E-1	8.4E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		3.9E-1	4.5E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		3.8E-2	4.3E-6
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		8.7E-1	1.0E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		3.4E-1	3.9E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		3.3E+0	3.8E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		5.8E-1	6.6E-5
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		2.5E+0	2.8E-4
HEATER, H-100, PROCESS GAS, RADCO, HEIGHT: 11 FT 8 IN; WIDTH: 9 FT; DEPTH: 11 FT 8 IN, WITH LOW NOX	No		4.0E+2	4.6E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.0E-4	4.0E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.7E-1	3.7E-1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.9E-2	1.9E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.1E-3	2.1E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		8.7E-3	8.7E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.2E-4	2.2E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.2E-4	1.2E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.4E-3	2.4E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.8E-4	3.8E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.2E-3	1.2E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.0E-4	3.0E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.7E-4	4.7E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		9.3E-5	9.3E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		3.5E-5	3.5E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.2E-5	2.2E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.4E-5	4.4E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.8E-5	1.8E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.7E-5	1.7E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		4.6E-5	4.6E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.1E-3	2.1E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		8.9E-3	8.9E-3

Equipment Emissions

Emissions Calculations: based on SCAQMD AER for 2019

IOF HRA: Scenario Future

Permit Equipment Description	RECLAIM pollutant (Y/N)	CE	Annual TAC Ems (lbs)	Pk Hour TAC Ems (lbs)
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		2.5E-5	2.5E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, FIRE PUMP, DIESEL FUEL, 335 HP	No		1.1E-6	1.1E-6
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.3E-2	1.3E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.1E-5	1.1E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.9E-2	1.9E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		8.4E-5	8.4E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		9.7E-4	9.7E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		4.4E-6	4.4E-6
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.7E-2	1.7E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		2.5E-3	2.5E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		8.0E-5	8.0E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		9.4E-5	9.4E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.6E-4	1.6E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		6.0E-5	6.0E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.5E-4	1.5E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		7.3E-5	7.3E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.3E-5	1.3E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		4.1E-4	4.1E-4
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.6E-2	1.6E-2
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		6.9E-6	6.9E-6
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		3.4E-3	3.4E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		7.8E-5	7.8E-5
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.2E-3	1.2E-3
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, PROCESS GAS, WAUKESHA, MODEL F3521 GSI, RICH	No		1.9E-2	1.9E-2
STORAGE TANK, FIXED ROOF, GASOLINE, 2000 GALS; WIDTH: 5 FT 8 IN; HEIGHT: 10 FT 1 IN; LENGTH: 8 FT A	No		5.8E-1	6.6E-5
BC tank farm			4.1E+1	5.4E-3
BC tank farm			2.4E+1	3.1E-3
BC tank farm			8.1E+1	1.1E-2
Packard facilities			3.1E+1	3.5E-3
Packard facilities			1.8E+1	2.0E-3
Packard facilities			6.0E+1	6.8E-3
LAI-A tank farm			1.7E+1	2.0E-3
LAI-A tank farm			1.0E+1	1.2E-3
LAI-A tank farm			3.4E+1	3.9E-3
LAI-B tank farm			1.0E+1	1.2E-3
LAI-B tank farm			6.1E+0	7.0E-4
LAI-B tank farm			2.1E+1	2.3E-3
Tvic Tank Farm			9.0E+0	1.0E-3
Tvic Tank Farm			5.2E+0	6.0E-4
Tvic Tank Farm			1.8E+1	2.0E-3
Tvick Remote Tanks			3.6E+0	4.1E-4
Tvick Remote Tanks			2.1E+0	2.4E-4
Tvick Remote Tanks			7.0E+0	8.0E-4
Water Plant			2.4E+1	2.8E-3
Water Plant			1.3E+1	1.6E-3
Water Plant			4.2E+1	5.5E-3

Drilling Emissions

IOF HRA: Scenario Future

Inputs

Drilling Equipment	Load Factor	BHP	Number	PM EF, g/bhp-hr	Fuel use per Well, gal	DPM, per well, Lbs
Draw works	0.20	475	1	0.015	1,165.1	0.75
Mud pump	0.20	1005	1	0.015	2,465.1	1.60
Generator	0.30	415	1	0.015	1,526.9	0.99
Total					5,157.0	3.3

Based on Ensign 515 Rig from EIR

Load factor based on historical fuel use as per EIR

Assumes 90% reduction from Tier 3 engine as per CSD

Site Preparation Equipment	Load Factor	BHP	Number	PM EF, g/bhp-hr	Fuel use per Well, gal	DPM, per well, Lbs
Crane	0.29	120	3	0.015	170.7	0.11
Loader	0.36	250	3	0.015	441.5	0.29
Welding Machine	0.45	120	3	0.015	264.9	0.17
Forklift	0.20	120	3	0.015	117.7	0.08
Backhoe	0.37	120	3	0.015	217.8	0.14
Total					1,212.7	0.78

Load factor from CalEEMod. EF based on Tier III with 90% level III catalysts

BHP from EIR

PM EF based on Tier III with 85% reduction as per CSD

Fuel consumptions AP-42, gal/bhp-hr *0.0511*

Durations and Counts

Drilling duration, days/well	10	based on EIR
Drilling, hrs/day	24	based on EIR
Site Prep duration, days/well	4	based on average in EIR
Site prep, hrs/day	8	estimated
Number of wells annually	46	53 peak, as per CSD max annual allowed
Number of wells total additional	368	See below, as per CSD/Agreement 500 wells thru 2028
Number of wells peak hour	2	2, as per Settlement Agreement allowed

TAC Emissions

Toxic Compound	CAS NO.	EF, lb/1000 gal	Annual Emissions, lbs	Peak Hr Emissions, lbs
PAHs non-Napth	1151	0.0056	1.64E+00	2.40E-04
DPM	9901	-	189.6	2.78E-02
Formaldehyde	50000	0.1726	5.06E+01	7.42E-03
Benzene	71432	0.0186	5.46E+00	8.01E-04
Acetaldehyde	75070	0.0783	2.30E+01	3.37E-03
PAHs Napth	91203	0.0020	5.77E-01	8.47E-05
Ethyl benzene	100414	0.0011	3.19E-01	4.68E-05
1,3-Butadiene	106990	0.0217	6.37E+00	9.34E-04
Acrolein	107028	0.0034	9.93E-01	1.46E-04
Toluene	108883	0.0105	3.09E+00	4.53E-04
Hexane	110543	0.0027	7.88E-01	1.16E-04
Xylenes	1330207	0.0042	1.24E+00	1.82E-04
Lead	7439921	0.0008	2.43E-01	3.57E-05
Manganese	7439965	0.0003	9.08E-02	1.33E-05
Mercury and mercury compounds	7439976	0.0002	5.86E-02	8.60E-06
Nickel	7440020	0.0004	1.14E-01	1.68E-05
Arsenic	7440382	0.0002	4.69E-02	6.88E-06
Cadmium	7440439	0.0002	4.40E-02	6.45E-06
Copper	7440508	0.0004	1.20E-01	1.76E-05
Hydrochloric acid	7647010	0.0186	5.46E+00	8.01E-04
Ammonia*	7664417	2.9000	8.50E+02	1.25E-01
Selenium and compounds	7782492	0.0002	6.45E-02	9.45E-06
Hexavalent chromium	18540299	0.0000	2.93E-03	4.30E-07

**Assumes use of an NSCR system as per SCAQMD AER Tool*

Peak hour based on drilling activities only

Annual emissions based on peak year

Source of EF: SCAQMD Supplemental AB2588 instruction 2019 and AER Reporting Tool ONLINE with 90% reduction as per CSD

Well Drilling Allowed- Possible Worst Case Drilling/Abandonment Scenario

CSD and Settlement Agreement

Year	Wells Drilled /yr	Bonus Used /yr	Annual Wells Drilled	Wells Cumulative	Wells Abandoned	Bonus Earned	Bonus Remaining	Field Active Oil wells
2009	0	0	0	0	10	5	5	517
2010	19	0	19	19	2	2	7	527
2011	40	5	45	64	4	2	4	510
2012	20	0	20	84	4	3	7	469
2013	30	0	30	114	8	7	14	453
2014	18	0	18	132	5	1	15	431
2015	0	0	0	132	10	7	22	418
2016	0	0	0	132	8	6	28	428
2017	0	0	0	132	0	0	28	436
2018	0	0	0	132	2	2	30	436
2019	0	0	0	132	7	4	34	438
2020	0	0	0	132	12	6	40	426
2021	35	18	53	185	11	7	29	468
2022	35	11	46	231	11	7	25	503
2023	35	10	45	276	11	7	22	537
2024	35	10	45	321	11	7	19	571
2025	35	10	45	366	11	7	16	605
2026	35	10	45	411	10	6	12	640
2027	35	10	45	456	10	6	8	675
2028	33	11	44	500	5	3	0	714
Total		95		500	152	95		
Average since 2020								

Bonus remaining as of 2019 *34*
Average rate of abandoning thru 2019/yr *5.5*
Average rate of bonus wells thru 2019/yr *3.5*
Average fraction bonus or abandoned *0.65*
Wells drilled remainder 2020-2028 *368*
Wells/yr 30 yr avg *12.3*
Wells/yr avg through 2028 *46.0*
Active Oil wells through 2028 avg *571*
Well factor through 2028 *1.30*
Active oil wells in 2019 = 438
Field Active Wells assumes all wells are oil wells

Future Wells Post 2028

Year	Wells Abandoned	No Drilling After 2028: Field Active Oil wells	Drilling After 2028: Drilled Each Year	Drilling After 2028: Field Active Oil wells
2029	5.5	709	46	755
2030	5.5	703	46	795
2031	5.5	698	46	836
2032	5.5	692	46	876
2033	5.5	687	46	917
2034	5.5	681	46	957
2035	5.5	676	46	998
2036	5.5	670	46	1038
2037	5.5	665	46	1079
2038	5.5	659	46	1119
2039	5.5	654	46	1160
2040	5.5	649	46	1201
2041	5.5	643	46	1241
2042	5.5	638	46	1282
2043	5.5	632	46	1322
2044	5.5	627	46	1363
2045	5.5	621	46	1403
2046	5.5	616	46	1444
2047	5.5	610	46	1484
2048	5.5	605	46	1525
2049	5.5	599	46	1565
2050	5.5	594	46	1606
Average Since 2020	5.5	628	45	1003

Well factor 2020-2050, no drill after 2028 *1.43*
Well factor 2020-2050, with drill after 2028 *2.29*
For drilling afte 2028, assumes the average of 2021-2028 continues after 2028

Workover Emissions
IOF HRA: Scenario Future
2019 Summary

Use	Daily Rig Total, Number	Hrs of Operation, hrs	Fuel Usage, Gal
Annual Total	1,174	10,918	88,219
Average Per Day	4.7	44	354
Peak Day	6	56	451
Peak hour, all rigs	6	1	48.5
Peak hr per rig	1	1	8.08

Average of non-zero days

Other Data

2019 total wells, active oil, number	438
Rig days/active oil well	2.68
Rig Hours/active oil well	24.9
Rig fuel useage/active oil well	201.4

TACs Emissions

Annual fuel use, gal	202,022
Peak hr fuel use, gal	64.6

Toxic Compound	CAS NO.	EF, lb/1000 gal	Annual Emissions, lbs	Peak Hr Emissions, lbs
PAHs non-Napth	1151	0.0084	1.69E+00	5.42E-04
DPM	9901	0.129	2.61E+01	8.37E-03
Formaldehyde	50000	0.2589	5.23E+01	1.67E-02
Benzene	71432	0.0279	5.65E+00	1.81E-03
Acetaldehyde	75070	0.1175	2.37E+01	7.59E-03
PAHs Napth	91203	0.0030	5.97E-01	1.91E-04
Ethyl benzene	100414	0.0016	3.30E-01	1.06E-04
1,3-Butadiene	106990	0.0326	6.59E+00	2.11E-03
Acrolein	107028	0.0051	1.03E+00	3.29E-04
Toluene	108883	0.0158	3.19E+00	1.02E-03
Hexane	110543	0.0040	8.15E-01	2.61E-04
Xylenes	1330207	0.0064	1.28E+00	4.11E-04
Lead	7439921	0.0012	2.52E-01	8.05E-05
Manganese	7439965	0.0005	9.39E-02	3.01E-05
Mercury and mercury compounds	7439976	0.0003	6.06E-02	1.94E-05
Nickel	7440020	0.0006	1.18E-01	3.78E-05
Arsenic	7440382	0.0002	4.85E-02	1.55E-05
Cadmium	7440439	0.0002	4.55E-02	1.45E-05
Copper	7440508	0.0006	1.24E-01	3.98E-05
Hydrochloric acid	7647010	0.0279	5.65E+00	1.81E-03
Ammonia**	7664417	2.9000	5.86E+02	1.87E-01
Selenium and compounds	7782492	0.0003	6.67E-02	2.13E-05
Hexavalent chromium	18540299	0.0000	3.03E-03	9.70E-07

Assumes workover rigs hp	485
Fuel consumptions AP-42, gal/bhp-hr	0.0511
Fuel consumptions rate GPH	8.08
PM EF, g/bhp-hr (CARB Certified engine specific)	0.003
Calculated load factor	0.33
Calculated PM lb/1000 gal	0.129

***Assumes use of an NSCR system as per SCAQMD AER Tool*
Source of EF: SCAQMD Supplemental AB2588 instruction 2016 and AER Reporting Tool ONLINE

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
901	901	0	71432	Benzene	1	4.11E+01	5.38E-03	1
901	901	0	108883	Toluene	1	2.40E+01	3.14E-03	1
901	901	0	110543	Hexane	1	8.05E+01	1.05E-02	1
902	902	0	71432	Benzene	1	3.05E+01	3.49E-03	1
902	902	0	108883	Toluene	1	1.78E+01	2.03E-03	1
902	902	0	110543	Hexane	1	5.98E+01	6.83E-03	1
903	903	0	71432	Benzene	1	1.74E+01	1.99E-03	1
903	903	0	108883	Toluene	1	1.02E+01	1.16E-03	1
903	903	0	110543	Hexane	1	3.41E+01	3.90E-03	1
904	904	0	71432	Benzene	1	1.05E+01	1.20E-03	1
904	904	0	108883	Toluene	1	6.11E+00	6.98E-04	1
904	904	0	110543	Hexane	1	2.06E+01	2.35E-03	1
905	905	0	71432	Benzene	1	8.96E+00	1.02E-03	1
905	905	0	108883	Toluene	1	5.22E+00	5.95E-04	1
905	905	0	110543	Hexane	1	1.76E+01	2.00E-03	1
906	906	0	71432	Benzene	1	3.58E+00	4.09E-04	1
906	906	0	108883	Toluene	1	2.08E+00	2.38E-04	1
906	906	0	110543	Hexane	1	7.01E+00	8.00E-04	1
907	907	0	71432	Benzene	1	2.45E+01	2.79E-03	1
907	907	0	108883	Toluene	1	1.26E+01	1.63E-03	1
907	907	0	110543	Hexane	1	4.24E+01	5.48E-03	1
910	910	0	71432	Benzene	1	4.13E+01	4.71E-03	1
910	910	0	91203	PAHs[Napth]	1	1.71E-01	1.95E-05	1
910	910	0	100414	Ethylbenzene	1	8.26E+00	9.43E-04	1
910	910	0	108883	Toluene	1	3.70E+01	4.23E-03	1
910	910	0	1330207	Xylenes	1	2.56E+01	2.93E-03	1
910	910	0	7664417	Ammonia	1	7.12E-02	8.13E-06	1
910	910	0	7783064	Hydrogensulfide	1	1.57E-01	1.79E-05	1
554988	554988	0	1151	PAHs[Napth]	1	4.52E-02	1.99E-05	1
554988	554988	0	50000	Formaldehyde	1	1.76E+01	7.74E-03	1
554988	554988	0	71432	Benzene	1	2.40E+00	1.05E-03	1
554988	554988	0	75070	Acetaldehyde	1	6.48E-01	2.85E-04	1
554988	554988	0	91203	PAHs[Napth]	1	1.66E-01	7.28E-05	1
554988	554988	0	100414	Ethylbenzene	1	2.18E+01	9.56E-03	1
554988	554988	0	107028	Acrolein	1	1.51E-01	6.62E-05	1
554988	554988	0	108883	Toluene	1	8.74E-01	3.84E-04	1
554988	554988	0	110543	Hexane	1	4.37E-01	1.92E-04	1
554988	554988	0	1330207	Xylenes	1	4.37E-01	1.92E-04	1
554965	554965	0	1151	PAHs[Napth]	1	1.26E-02	1.44E-06	1
554965	554965	0	50000	Formaldehyde	1	1.55E+00	1.77E-04	1
554965	554965	0	71432	Benzene	1	7.33E-01	8.37E-05	1
554965	554965	0	75070	Acetaldehyde	1	3.92E-01	4.47E-05	1
554965	554965	0	91203	PAHs[Napth]	1	3.79E-02	4.33E-06	1
554965	554965	0	100414	Ethylbenzene	1	8.72E-01	9.95E-05	1
554965	554965	0	107028	Acrolein	1	3.41E-01	3.89E-05	1
554965	554965	0	108883	Toluene	1	3.35E+00	3.82E-04	1
554965	554965	0	110543	Hexane	1	5.81E-01	6.63E-05	1
554965	554965	0	1330207	Xylenes	1	2.49E+00	2.84E-04	1
554965	554965	0	7664417	Ammonia	1	4.04E+02	4.62E-02	1
554957	554957	0	1151	PAHs[Napth]	1	4.04E-04	4.04E-04	1
554957	554957	0	9901	DPM	1	3.74E-01	3.74E-01	1
554957	554957	0	50000	Formaldehyde	1	1.93E-02	1.93E-02	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
554957	554957	0	71432	Benzene	1	2.08E-03	2.08E-03	1
554957	554957	0	75070	Acetaldehyde	1	8.74E-03	8.74E-03	1
554957	554957	0	91203	PAHs[Napth]	1	2.20E-04	2.20E-04	1
554957	554957	0	100414	Ethylbenzene	1	1.22E-04	1.22E-04	1
554957	554957	0	106990	Butadiene[13]	1	2.43E-03	2.43E-03	1
554957	554957	0	107028	Acrolein	1	3.78E-04	3.78E-04	1
554957	554957	0	108883	Toluene	1	1.18E-03	1.18E-03	1
554957	554957	0	110543	Hexane	1	3.00E-04	3.00E-04	1
554957	554957	0	1330207	Xylenes	1	4.73E-04	4.73E-04	1
554957	554957	0	7439921	Leadcompounds(inorganic)	1	9.26E-05	9.26E-05	1
554957	554957	0	7439965	Manganese	1	3.46E-05	3.46E-05	1
554957	554957	0	7439976	Mercury	1	2.23E-05	2.23E-05	1
554957	554957	0	7440020	Nickel	1	4.35E-05	4.35E-05	1
554957	554957	0	7440382	Arsenic	1	1.79E-05	1.79E-05	1
554957	554957	0	7440439	Cadmium	1	1.67E-05	1.67E-05	1
554957	554957	0	7440508	Copper	1	4.58E-05	4.58E-05	1
554957	554957	0	7647010	Hydrochloricacid	1	2.08E-03	2.08E-03	1
554957	554957	0	7664417	Ammonia	1	8.93E-03	8.93E-03	1
554957	554957	0	7782492	Selenium	1	2.46E-05	2.46E-05	1
554957	554957	0	18540299	Chromiumhexavalent6	1	1.12E-06	1.12E-06	1
554983	554983	0	50000	Formaldehyde	1	1.26E-02	1.26E-02	1
554983	554983	0	56235	Carbontetrachloride	1	1.09E-05	1.09E-05	1
554983	554983	0	67561	Methanol	1	1.88E-02	1.88E-02	1
554983	554983	0	67663	Chloroform	1	8.41E-05	8.41E-05	1
554983	554983	0	71432	Benzene	1	9.70E-04	9.70E-04	1
554983	554983	0	75014	Vinylchloride	1	4.41E-06	4.41E-06	1
554983	554983	0	75070	Acetaldehyde	1	1.71E-02	1.71E-02	1
554983	554983	0	75092	Methylenechloride{Dichloromethane}	1	2.53E-03	2.53E-03	1
554983	554983	0	78875	12-Dichloropropane{Propylenedichloride}	1	7.98E-05	7.98E-05	1
554983	554983	0	79005	112-Trichloroethane{Vinyltrichloride}	1	9.39E-05	9.39E-05	1
554983	554983	0	79345	1122-Tetrachloroethane	1	1.55E-04	1.55E-04	1
554983	554983	0	91203	PAHs[Napth]	1	5.96E-05	5.96E-05	1
554983	554983	0	100414	Ethylbenzene	1	1.52E-04	1.52E-04	1
554983	554983	0	100425	Styrene	1	7.31E-05	7.31E-05	1
554983	554983	0	106934	Ethylenedibromide{12-Dibromoethane}	1	1.31E-05	1.31E-05	1
554983	554983	0	106990	Butadiene[13]	1	4.07E-04	4.07E-04	1
554983	554983	0	107028	Acrolein	1	1.61E-02	1.61E-02	1
554983	554983	0	107062	Ethylenedichloride{12-Dichloroethane}	1	6.94E-06	6.94E-06	1
554983	554983	0	108883	Toluene	1	3.43E-03	3.43E-03	1
554983	554983	0	542756	13-Dichloropropene	1	7.80E-05	7.80E-05	1
554983	554983	0	1330207	Xylenes	1	1.20E-03	1.20E-03	1
554983	554983	0	7664417	Ammonia	1	1.93E-02	1.93E-02	1
564886	564886	0	71432	Benzene	1	5.76E-01	6.57E-05	1
500	500	0	107028	Acrolein	1	3.10E-03	1.48E-06	1
500	500	0	9901	DPM	1	2.33E-02	1.12E-05	1
500	500	0	56553	Benzaanthracene	1	2.79E-05	1.34E-08	1
500	500	0	50328	Benzoapyrene	1	1.52E-06	7.28E-10	1
500	500	0	205992	Benzobfluoranthene	1	2.07E-05	9.92E-09	1
500	500	0	207089	Benzokfluoranthene	1	2.07E-05	9.92E-09	1
500	500	0	218019	Chrysene	1	3.13E-05	1.50E-08	1
500	500	0	100414	Ethylbenzene	1	7.45E-02	3.57E-05	1
500	500	0	91203	PAHs[Napth]	1	1.07E-02	5.12E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
500	500	0	110543	Hexane	1	4.52E-02	2.16E-05	1
500	500	0	100425	Styrene	1	1.73E-02	8.26E-06	1
500	500	0	108883	Toluene	1	5.26E-01	2.52E-04	1
500	500	0	1330207	Xylenes	1	2.96E-01	1.42E-04	1
500	500	0	71432	Benzene	1	2.43E-01	1.16E-04	1
500	500	0	67562394	1234678Heptachlorodibenzofuran	1	5.63E-11	2.70E-14	1
500	500	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.77E-11	1.33E-14	1
500	500	0	55673897	1234789Heptachlorodibenzofuran	1	1.80E-12	8.63E-16	1
500	500	0	70648269	123478Hexachlorodibenzofuran	1	5.08E-12	2.43E-15	1
500	500	0	39227286	123478HexachlorodibenzopDioxin	1	1.80E-12	8.63E-16	1
500	500	0	57117449	123678Hexachlorodibenzofuran	1	5.40E-12	2.59E-15	1
500	500	0	57653857	123678HexachlorodibenzopDioxin	1	3.69E-12	1.77E-15	1
500	500	0	72918219	123789Hexachlorodibenzofuran	1	1.48E-12	7.07E-16	1
500	500	0	19408743	123789HexachlorodibenzopDioxin	1	2.30E-12	1.10E-15	1
500	500	0	57117416	12378Pentachlorodibenzofuranj	1	6.15E-12	2.94E-15	1
500	500	0	40321764	12378PentachlorodibenzopDioxin	1	1.72E-12	8.25E-16	1
500	500	0	60851345	234678Hexachlorodibenzofuran	1	6.33E-12	3.03E-15	1
500	500	0	57117314	23478Pentachlorodibenzofuran	1	4.51E-12	2.16E-15	1
500	500	0	51207319	2378Tetrachlorodibenzofuran	1	1.29E-11	6.16E-15	1
500	500	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.85E-12	1.84E-15	1
500	500	0	7440382	Arsenic	1	2.47E-02	1.18E-05	1
500	500	0	18540299	Chromiumhexavalent6	1	1.24E-07	5.95E-11	1
500	500	0	7439965	Manganese	1	1.71E+00	8.20E-04	1
500	500	0	7439976	Mercury	1	1.24E-06	5.96E-10	1
500	500	0	7440020	Nickel	1	1.14E-01	5.48E-05	1
500	500	0	39001020	Octachlorodibenzofuran	1	6.38E-11	3.06E-14	1
500	500	0	3268879	Octachlorodibenzopdioxin	1	2.19E-10	1.05E-13	1
500	500	0	7429905	Aluminum	1	1.44E+02	6.89E-02	1
500	500	0	7440393	Barium	1	1.75E+00	8.37E-04	1
500	500	0	7440417	Beryllium	1	1.79E-03	8.55E-07	1
500	500	0	7440439	Cadmium	1	3.93E-02	1.88E-05	1
500	500	0	7440473	Chromium(total)	1	4.43E-01	2.12E-04	1
500	500	0	7440508	Copper	1	1.57E-01	7.53E-05	1
500	500	0	7439921	Leadcompounds(inorganic)	1	1.55E+00	7.42E-04	1
500	500	0	7782492	Selenium	1	1.79E-03	8.55E-07	1
500	500	0	1175	Silica	1	1.79E+02	8.55E-02	1
500	500	0	7440666	Zinc	1	1.08E+00	5.18E-04	1
501	501	0	107028	Acrolein	1	1.51E-03	7.22E-07	1
501	501	0	9901	DPM	1	1.13E-02	5.43E-06	1
501	501	0	56553	Benzaanthracene	1	1.36E-05	6.49E-09	1
501	501	0	50328	Benzoapyrene	1	7.38E-07	3.54E-10	1
501	501	0	205992	Benzobfluoranthene	1	1.01E-05	4.82E-09	1
501	501	0	207089	Benzokfluoranthene	1	1.01E-05	4.82E-09	1
501	501	0	218019	Chrysene	1	1.52E-05	7.28E-09	1
501	501	0	100414	Ethylbenzene	1	3.62E-02	1.73E-05	1
501	501	0	91203	PAHs[Napth]	1	5.20E-03	2.49E-06	1
501	501	0	110543	Hexane	1	2.20E-02	1.05E-05	1
501	501	0	100425	Styrene	1	8.39E-03	4.02E-06	1
501	501	0	108883	Toluene	1	2.56E-01	1.22E-04	1
501	501	0	1330207	Xylenes	1	1.44E-01	6.90E-05	1
501	501	0	71432	Benzene	1	1.18E-01	5.65E-05	1
501	501	0	67562394	1234678Heptachlorodibenzofuran	1	2.74E-11	1.31E-14	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
501	501	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.35E-11	6.45E-15	1
501	501	0	55673897	1234789Heptachlorodibenzofuran	1	8.76E-13	4.20E-16	1
501	501	0	70648269	123478Hexachlorodibenzofuran	1	2.47E-12	1.18E-15	1
501	501	0	39227286	123478HexachlorodibenzopDioxin	1	8.76E-13	4.20E-16	1
501	501	0	57117449	123678Hexachlorodibenzofuran	1	2.63E-12	1.26E-15	1
501	501	0	57653857	123678HexachlorodibenzopDioxin	1	1.79E-12	8.59E-16	1
501	501	0	72918219	123789Hexachlorodibenzofuran	1	7.17E-13	3.44E-16	1
501	501	0	19408743	123789HexachlorodibenzopDioxin	1	1.12E-12	5.34E-16	1
501	501	0	57117416	12378Pentachlorodibenzofuranj	1	2.99E-12	1.43E-15	1
501	501	0	40321764	12378PentachlorodibenzopDioxin	1	8.37E-13	4.01E-16	1
501	501	0	60851345	234678Hexachlorodibenzofuran	1	3.08E-12	1.47E-15	1
501	501	0	57117314	23478Pentachlorodibenzofuran	1	2.19E-12	1.05E-15	1
501	501	0	51207319	2378Tetrachlorodibenzofuran	1	6.25E-12	2.99E-15	1
501	501	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.87E-12	8.96E-16	1
501	501	0	7440382	Arsenic	1	1.20E-02	5.74E-06	1
501	501	0	18540299	Chromiumhexavalent6	1	6.04E-08	2.89E-11	1
501	501	0	7439965	Manganese	1	8.32E-01	3.99E-04	1
501	501	0	7439976	Mercury	1	6.05E-07	2.90E-10	1
501	501	0	7440020	Nickel	1	5.56E-02	2.66E-05	1
501	501	0	39001020	Octachlorodibenzofuran	1	3.10E-11	1.49E-14	1
501	501	0	3268879	Octachlorodibenzopdioxin	1	1.06E-10	5.09E-14	1
501	501	0	7429905	Aluminum	1	6.99E+01	3.35E-02	1
501	501	0	7440393	Barium	1	8.50E-01	4.07E-04	1
501	501	0	7440417	Beryllium	1	8.68E-04	4.16E-07	1
501	501	0	7440439	Cadmium	1	1.91E-02	9.15E-06	1
501	501	0	7440473	Chromium(total)	1	2.15E-01	1.03E-04	1
501	501	0	7440508	Copper	1	7.64E-02	3.66E-05	1
501	501	0	7439921	Leadcompounds(inorganic)	1	7.53E-01	3.60E-04	1
501	501	0	7782492	Selenium	1	8.68E-04	4.16E-07	1
501	501	0	1175	Silica	1	8.68E+01	4.16E-02	1
501	501	0	7440666	Zinc	1	5.25E-01	2.52E-04	1
502	502	0	107028	Acrolein	1	2.39E-03	1.14E-06	1
502	502	0	9901	DPM	1	1.80E-02	8.60E-06	1
502	502	0	56553	Benzaanthracene	1	2.15E-05	1.03E-08	1
502	502	0	50328	Benzoapyrene	1	1.17E-06	5.60E-10	1
502	502	0	205992	Benzobfluoranthene	1	1.59E-05	7.64E-09	1
502	502	0	207089	Benzokfluoranthene	1	1.59E-05	7.64E-09	1
502	502	0	218019	Chrysene	1	2.41E-05	1.15E-08	1
502	502	0	100414	Ethylbenzene	1	5.73E-02	2.74E-05	1
502	502	0	91203	PAHs[Napth]	1	8.23E-03	3.94E-06	1
502	502	0	110543	Hexane	1	3.48E-02	1.67E-05	1
502	502	0	100425	Styrene	1	1.33E-02	6.36E-06	1
502	502	0	108883	Toluene	1	4.05E-01	1.94E-04	1
502	502	0	1330207	Xylenes	1	2.28E-01	1.09E-04	1
502	502	0	71432	Benzene	1	1.87E-01	8.95E-05	1
502	502	0	67562394	1234678Heptachlorodibenzofuran	1	4.34E-11	2.08E-14	1
502	502	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.13E-11	1.02E-14	1
502	502	0	55673897	1234789Heptachlorodibenzofuran	1	1.39E-12	6.64E-16	1
502	502	0	70648269	123478Hexachlorodibenzofuran	1	3.91E-12	1.87E-15	1
502	502	0	39227286	123478HexachlorodibenzopDioxin	1	1.39E-12	6.64E-16	1
502	502	0	57117449	123678Hexachlorodibenzofuran	1	4.16E-12	1.99E-15	1
502	502	0	57653857	123678HexachlorodibenzopDioxin	1	2.84E-12	1.36E-15	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
502	502	0	72918219	123789Hexachlorodibenzofuran	1	1.14E-12	5.44E-16	1
502	502	0	19408743	123789HexachlorodibenzopDioxin	1	1.77E-12	8.46E-16	1
502	502	0	57117416	12378Pentachlorodibenzofuranj	1	4.73E-12	2.27E-15	1
502	502	0	40321764	12378PentachlorodibenzopDioxin	1	1.33E-12	6.35E-16	1
502	502	0	60851345	234678Hexachlorodibenzofuran	1	4.87E-12	2.33E-15	1
502	502	0	57117314	23478Pentachlorodibenzofuran	1	3.47E-12	1.66E-15	1
502	502	0	51207319	2378Tetrachlorodibenzofuran	1	9.89E-12	4.74E-15	1
502	502	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.96E-12	1.42E-15	1
502	502	0	7440382	Arsenic	1	1.90E-02	9.09E-06	1
502	502	0	18540299	Chromiumhexavalent6	1	9.56E-08	4.58E-11	1
502	502	0	7439965	Manganese	1	1.32E+00	6.31E-04	1
502	502	0	7439976	Mercury	1	9.58E-07	4.59E-10	1
502	502	0	7440020	Nickel	1	8.81E-02	4.22E-05	1
502	502	0	39001020	Octachlorodibenzofuran	1	4.91E-11	2.35E-14	1
502	502	0	3268879	Octachlorodibenzopdioxin	1	1.68E-10	8.07E-14	1
502	502	0	7429905	Aluminum	1	1.11E+02	5.30E-02	1
502	502	0	7440393	Barium	1	1.35E+00	6.45E-04	1
502	502	0	7440417	Beryllium	1	1.37E-03	6.58E-07	1
502	502	0	7440439	Cadmium	1	3.02E-02	1.45E-05	1
502	502	0	7440473	Chromium(total)	1	3.41E-01	1.63E-04	1
502	502	0	7440508	Copper	1	1.21E-01	5.79E-05	1
502	502	0	7439921	Leadcompounds(inorganic)	1	1.19E+00	5.71E-04	1
502	502	0	7782492	Selenium	1	1.37E-03	6.58E-07	1
502	502	0	1175	Silica	1	1.37E+02	6.58E-02	1
502	502	0	7440666	Zinc	1	8.32E-01	3.98E-04	1
503	503	0	107028	Acrolein	1	2.66E-03	1.28E-06	1
503	503	0	9901	DPM	1	2.00E-02	9.60E-06	1
503	503	0	56553	Benzaanthracene	1	2.40E-05	1.15E-08	1
503	503	0	50328	Benzoapyrene	1	1.31E-06	6.25E-10	1
503	503	0	205992	Benzobfluoranthene	1	1.78E-05	8.53E-09	1
503	503	0	207089	Benzokfluoranthene	1	1.78E-05	8.53E-09	1
503	503	0	218019	Chrysene	1	2.69E-05	1.29E-08	1
503	503	0	100414	Ethylbenzene	1	6.40E-02	3.06E-05	1
503	503	0	91203	PAHs[Napth]	1	9.19E-03	4.40E-06	1
503	503	0	110543	Hexane	1	3.88E-02	1.86E-05	1
503	503	0	100425	Styrene	1	1.48E-02	7.10E-06	1
503	503	0	108883	Toluene	1	4.52E-01	2.17E-04	1
503	503	0	1330207	Xylenes	1	2.55E-01	1.22E-04	1
503	503	0	71432	Benzene	1	2.09E-01	9.99E-05	1
503	503	0	67562394	1234678Heptachlorodibenzofuran	1	4.84E-11	2.32E-14	1
503	503	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.38E-11	1.14E-14	1
503	503	0	55673897	1234789Heptachlorodibenzofuran	1	1.55E-12	7.42E-16	1
503	503	0	70648269	123478Hexachlorodibenzofuran	1	4.36E-12	2.09E-15	1
503	503	0	39227286	123478HexachlorodibenzopDioxin	1	1.55E-12	7.42E-16	1
503	503	0	57117449	123678Hexachlorodibenzofuran	1	4.64E-12	2.22E-15	1
503	503	0	57653857	123678HexachlorodibenzopDioxin	1	3.17E-12	1.52E-15	1
503	503	0	72918219	123789Hexachlorodibenzofuran	1	1.27E-12	6.07E-16	1
503	503	0	19408743	123789HexachlorodibenzopDioxin	1	1.97E-12	9.45E-16	1
503	503	0	57117416	12378Pentachlorodibenzofuranj	1	5.28E-12	2.53E-15	1
503	503	0	40321764	12378PentachlorodibenzopDioxin	1	1.48E-12	7.09E-16	1
503	503	0	60851345	234678Hexachlorodibenzofuran	1	5.44E-12	2.61E-15	1
503	503	0	57117314	23478Pentachlorodibenzofuran	1	3.87E-12	1.85E-15	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
503	503	0	51207319	2378Tetrachlorodibenzofuran	1	1.10E-11	5.29E-15	1
503	503	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.31E-12	1.58E-15	1
503	503	0	7440382	Arsenic	1	2.12E-02	1.02E-05	1
503	503	0	18540299	Chromiumhexavalent6	1	1.07E-07	5.11E-11	1
503	503	0	7439965	Manganese	1	1.47E+00	7.05E-04	1
503	503	0	7439976	Mercury	1	1.07E-06	5.12E-10	1
503	503	0	7440020	Nickel	1	9.83E-02	4.71E-05	1
503	503	0	39001020	Octachlorodibenzofuran	1	5.48E-11	2.63E-14	1
503	503	0	3268879	Octachlorodibenzopdioxin	1	1.88E-10	9.01E-14	1
503	503	0	7429905	Aluminum	1	1.24E+02	5.92E-02	1
503	503	0	7440393	Barium	1	1.50E+00	7.20E-04	1
503	503	0	7440417	Beryllium	1	1.53E-03	7.35E-07	1
503	503	0	7440439	Cadmium	1	3.38E-02	1.62E-05	1
503	503	0	7440473	Chromium(total)	1	3.81E-01	1.82E-04	1
503	503	0	7440508	Copper	1	1.35E-01	6.47E-05	1
503	503	0	7439921	Leadcompounds(inorganic)	1	1.33E+00	6.37E-04	1
503	503	0	7782492	Selenium	1	1.53E-03	7.35E-07	1
503	503	0	1175	Silica	1	1.53E+02	7.35E-02	1
503	503	0	7440666	Zinc	1	9.28E-01	4.45E-04	1
504	504	0	107028	Acrolein	1	1.94E-03	9.30E-07	1
504	504	0	9901	DPM	1	1.46E-02	7.00E-06	1
504	504	0	56553	Benzaanthracene	1	1.75E-05	8.37E-09	1
504	504	0	50328	Benzoapyrene	1	9.52E-07	4.56E-10	1
504	504	0	205992	Benzobfluoranthene	1	1.30E-05	6.22E-09	1
504	504	0	207089	Benzokfluoranthene	1	1.30E-05	6.22E-09	1
504	504	0	218019	Chrysene	1	1.96E-05	9.38E-09	1
504	504	0	100414	Ethylbenzene	1	4.66E-02	2.23E-05	1
504	504	0	91203	PAHs[Napth]	1	6.70E-03	3.21E-06	1
504	504	0	110543	Hexane	1	2.83E-02	1.36E-05	1
504	504	0	100425	Styrene	1	1.08E-02	5.18E-06	1
504	504	0	108883	Toluene	1	3.30E-01	1.58E-04	1
504	504	0	1330207	Xylenes	1	1.86E-01	8.89E-05	1
504	504	0	71432	Benzene	1	1.52E-01	7.29E-05	1
504	504	0	67562394	1234678Heptachlorodibenzofuran	1	3.53E-11	1.69E-14	1
504	504	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.74E-11	8.31E-15	1
504	504	0	55673897	1234789Heptachlorodibenzofuran	1	1.13E-12	5.41E-16	1
504	504	0	70648269	123478Hexachlorodibenzofuran	1	3.18E-12	1.52E-15	1
504	504	0	39227286	123478HexachlorodibenzopDioxin	1	1.13E-12	5.41E-16	1
504	504	0	57117449	123678Hexachlorodibenzofuran	1	3.38E-12	1.62E-15	1
504	504	0	57653857	123678HexachlorodibenzopDioxin	1	2.31E-12	1.11E-15	1
504	504	0	72918219	123789Hexachlorodibenzofuran	1	9.25E-13	4.43E-16	1
504	504	0	19408743	123789HexachlorodibenzopDioxin	1	1.44E-12	6.89E-16	1
504	504	0	57117416	12378Pentachlorodibenzofuranj	1	3.85E-12	1.84E-15	1
504	504	0	40321764	12378PentachlorodibenzopDioxin	1	1.08E-12	5.17E-16	1
504	504	0	60851345	234678Hexachlorodibenzofuran	1	3.97E-12	1.90E-15	1
504	504	0	57117314	23478Pentachlorodibenzofuran	1	2.82E-12	1.35E-15	1
504	504	0	51207319	2378Tetrachlorodibenzofuran	1	8.05E-12	3.86E-15	1
504	504	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.41E-12	1.16E-15	1
504	504	0	7440382	Arsenic	1	1.55E-02	7.40E-06	1
504	504	0	18540299	Chromiumhexavalent6	1	7.78E-08	3.73E-11	1
504	504	0	7439965	Manganese	1	1.07E+00	5.14E-04	1
504	504	0	7439976	Mercury	1	7.80E-07	3.74E-10	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
504	504	0	7440020	Nickel	1	7.17E-02	3.43E-05	1
504	504	0	39001020	Octachlorodibenzofuran	1	4.00E-11	1.91E-14	1
504	504	0	3268879	Octachlorodibenzopdioxin	1	1.37E-10	6.57E-14	1
504	504	0	7429905	Aluminum	1	9.01E+01	4.31E-02	1
504	504	0	7440393	Barium	1	1.10E+00	5.25E-04	1
504	504	0	7440417	Beryllium	1	1.12E-03	5.36E-07	1
504	504	0	7440439	Cadmium	1	2.46E-02	1.18E-05	1
504	504	0	7440473	Chromium(total)	1	2.77E-01	1.33E-04	1
504	504	0	7440508	Copper	1	9.85E-02	4.72E-05	1
504	504	0	7439921	Leadcompounds(inorganic)	1	9.70E-01	4.65E-04	1
504	504	0	7782492	Selenium	1	1.12E-03	5.36E-07	1
504	504	0	1175	Silica	1	1.12E+02	5.36E-02	1
504	504	0	7440666	Zinc	1	6.77E-01	3.24E-04	1
505	505	0	107028	Acrolein	1	2.11E-03	1.01E-06	1
505	505	0	9901	DPM	1	1.59E-02	7.59E-06	1
505	505	0	56553	Benzaanthracene	1	1.90E-05	9.08E-09	1
505	505	0	50328	Benzoapyrene	1	1.03E-06	4.95E-10	1
505	505	0	205992	Benzobfluoranthene	1	1.41E-05	6.75E-09	1
505	505	0	207089	Benzokfluoranthene	1	1.41E-05	6.75E-09	1
505	505	0	218019	Chrysene	1	2.12E-05	1.02E-08	1
505	505	0	100414	Ethylbenzene	1	5.06E-02	2.42E-05	1
505	505	0	91203	PAHs[Napth]	1	7.27E-03	3.48E-06	1
505	505	0	110543	Hexane	1	3.07E-02	1.47E-05	1
505	505	0	100425	Styrene	1	1.17E-02	5.62E-06	1
505	505	0	108883	Toluene	1	3.58E-01	1.71E-04	1
505	505	0	1330207	Xylenes	1	2.01E-01	9.64E-05	1
505	505	0	71432	Benzene	1	1.65E-01	7.91E-05	1
505	505	0	67562394	1234678Heptachlorodibenzofuran	1	3.83E-11	1.83E-14	1
505	505	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.88E-11	9.02E-15	1
505	505	0	55673897	1234789Heptachlorodibenzofuran	1	1.23E-12	5.87E-16	1
505	505	0	70648269	123478Hexachlorodibenzofuran	1	3.45E-12	1.65E-15	1
505	505	0	39227286	123478HexachlorodibenzopDioxin	1	1.23E-12	5.87E-16	1
505	505	0	57117449	123678Hexachlorodibenzofuran	1	3.67E-12	1.76E-15	1
505	505	0	57653857	123678HexachlorodibenzopDioxin	1	2.51E-12	1.20E-15	1
505	505	0	72918219	123789Hexachlorodibenzofuran	1	1.00E-12	4.81E-16	1
505	505	0	19408743	123789HexachlorodibenzopDioxin	1	1.56E-12	7.47E-16	1
505	505	0	57117416	12378Pentachlorodibenzofuranj	1	4.18E-12	2.00E-15	1
505	505	0	40321764	12378PentachlorodibenzopDioxin	1	1.17E-12	5.61E-16	1
505	505	0	60851345	234678Hexachlorodibenzofuran	1	4.31E-12	2.06E-15	1
505	505	0	57117314	23478Pentachlorodibenzofuran	1	3.06E-12	1.47E-15	1
505	505	0	51207319	2378Tetrachlorodibenzofuran	1	8.74E-12	4.18E-15	1
505	505	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.62E-12	1.25E-15	1
505	505	0	7440382	Arsenic	1	1.68E-02	8.03E-06	1
505	505	0	18540299	Chromiumhexavalent6	1	8.44E-08	4.04E-11	1
505	505	0	7439965	Manganese	1	1.16E+00	5.58E-04	1
505	505	0	7439976	Mercury	1	8.46E-07	4.05E-10	1
505	505	0	7440020	Nickel	1	7.78E-02	3.73E-05	1
505	505	0	39001020	Octachlorodibenzofuran	1	4.34E-11	2.08E-14	1
505	505	0	3268879	Octachlorodibenzopdioxin	1	1.49E-10	7.13E-14	1
505	505	0	7429905	Aluminum	1	9.77E+01	4.68E-02	1
505	505	0	7440393	Barium	1	1.19E+00	5.69E-04	1
505	505	0	7440417	Beryllium	1	1.21E-03	5.81E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
505	505	0	7440439	Cadmium	1	2.67E-02	1.28E-05	1
505	505	0	7440473	Chromium(total)	1	3.01E-01	1.44E-04	1
505	505	0	7440508	Copper	1	1.07E-01	5.12E-05	1
505	505	0	7439921	Leadcompounds(inorganic)	1	1.05E+00	5.04E-04	1
505	505	0	7782492	Selenium	1	1.21E-03	5.81E-07	1
505	505	0	1175	Silica	1	1.21E+02	5.81E-02	1
505	505	0	7440666	Zinc	1	7.35E-01	3.52E-04	1
506	506	0	107028	Acrolein	1	1.47E-03	7.04E-07	1
506	506	0	9901	DPM	1	1.11E-02	5.30E-06	1
506	506	0	56553	Benzaanthracene	1	1.32E-05	6.34E-09	1
506	506	0	50328	Benzoapyrene	1	7.20E-07	3.45E-10	1
506	506	0	205992	Benzobfluoranthene	1	9.83E-06	4.71E-09	1
506	506	0	207089	Benzokfluoranthene	1	9.83E-06	4.71E-09	1
506	506	0	218019	Chrysene	1	1.48E-05	7.10E-09	1
506	506	0	100414	Ethylbenzene	1	3.53E-02	1.69E-05	1
506	506	0	91203	PAHs[Napth]	1	5.07E-03	2.43E-06	1
506	506	0	110543	Hexane	1	2.14E-02	1.03E-05	1
506	506	0	100425	Styrene	1	8.18E-03	3.92E-06	1
506	506	0	108883	Toluene	1	2.50E-01	1.20E-04	1
506	506	0	1330207	Xylenes	1	1.40E-01	6.73E-05	1
506	506	0	71432	Benzene	1	1.15E-01	5.52E-05	1
506	506	0	67562394	1234678Heptachlorodibenzofuran	1	2.67E-11	1.28E-14	1
506	506	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.31E-11	6.29E-15	1
506	506	0	55673897	1234789Heptachlorodibenzofuran	1	8.55E-13	4.09E-16	1
506	506	0	70648269	123478Hexachlorodibenzofuran	1	2.41E-12	1.15E-15	1
506	506	0	39227286	123478HexachlorodibenzopDioxin	1	8.55E-13	4.09E-16	1
506	506	0	57117449	123678Hexachlorodibenzofuran	1	2.56E-12	1.23E-15	1
506	506	0	57653857	123678HexachlorodibenzopDioxin	1	1.75E-12	8.38E-16	1
506	506	0	72918219	123789Hexachlorodibenzofuran	1	7.00E-13	3.35E-16	1
506	506	0	19408743	123789HexachlorodibenzopDioxin	1	1.09E-12	5.21E-16	1
506	506	0	57117416	12378Pentachlorodibenzofuranj	1	2.92E-12	1.40E-15	1
506	506	0	40321764	12378PentachlorodibenzopDioxin	1	8.17E-13	3.91E-16	1
506	506	0	60851345	234678Hexachlorodibenzofuran	1	3.00E-12	1.44E-15	1
506	506	0	57117314	23478Pentachlorodibenzofuran	1	2.14E-12	1.02E-15	1
506	506	0	51207319	2378Tetrachlorodibenzofuran	1	6.10E-12	2.92E-15	1
506	506	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.83E-12	8.75E-16	1
506	506	0	7440382	Arsenic	1	1.17E-02	5.60E-06	1
506	506	0	18540299	Chromiumhexavalent6	1	5.89E-08	2.82E-11	1
506	506	0	7439965	Manganese	1	8.12E-01	3.89E-04	1
506	506	0	7439976	Mercury	1	5.90E-07	2.83E-10	1
506	506	0	7440020	Nickel	1	5.43E-02	2.60E-05	1
506	506	0	39001020	Octachlorodibenzofuran	1	3.03E-11	1.45E-14	1
506	506	0	3268879	Octachlorodibenzopdioxin	1	1.04E-10	4.97E-14	1
506	506	0	7429905	Aluminum	1	6.82E+01	3.27E-02	1
506	506	0	7440393	Barium	1	8.29E-01	3.97E-04	1
506	506	0	7440417	Beryllium	1	8.47E-04	4.06E-07	1
506	506	0	7440439	Cadmium	1	1.86E-02	8.92E-06	1
506	506	0	7440473	Chromium(total)	1	2.10E-01	1.01E-04	1
506	506	0	7440508	Copper	1	7.45E-02	3.57E-05	1
506	506	0	7439921	Leadcompounds(inorganic)	1	7.34E-01	3.52E-04	1
506	506	0	7782492	Selenium	1	8.47E-04	4.06E-07	1
506	506	0	1175	Silica	1	8.47E+01	4.06E-02	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
506	506	0	7440666	Zinc	1	5.12E-01	2.45E-04	1
507	507	0	107028	Acrolein	1	2.67E-03	1.28E-06	1
507	507	0	9901	DPM	1	2.01E-02	9.62E-06	1
507	507	0	56553	Benzaanthracene	1	2.40E-05	1.15E-08	1
507	507	0	50328	Benzoapyrene	1	1.31E-06	6.27E-10	1
507	507	0	205992	Benzobfluoranthene	1	1.78E-05	8.55E-09	1
507	507	0	207089	Benzokfluoranthene	1	1.78E-05	8.55E-09	1
507	507	0	218019	Chrysene	1	2.69E-05	1.29E-08	1
507	507	0	100414	Ethylbenzene	1	6.41E-02	3.07E-05	1
507	507	0	91203	PAHs[Napth]	1	9.21E-03	4.41E-06	1
507	507	0	110543	Hexane	1	3.89E-02	1.86E-05	1
507	507	0	100425	Styrene	1	1.49E-02	7.12E-06	1
507	507	0	108883	Toluene	1	4.53E-01	2.17E-04	1
507	507	0	1330207	Xylenes	1	2.55E-01	1.22E-04	1
507	507	0	71432	Benzene	1	2.09E-01	1.00E-04	1
507	507	0	67562394	1234678Heptachlorodibenzofuran	1	4.85E-11	2.32E-14	1
507	507	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.39E-11	1.14E-14	1
507	507	0	55673897	1234789Heptachlorodibenzofuran	1	1.55E-12	7.43E-16	1
507	507	0	70648269	123478Hexachlorodibenzofuran	1	4.37E-12	2.09E-15	1
507	507	0	39227286	123478HexachlorodibenzopDioxin	1	1.55E-12	7.43E-16	1
507	507	0	57117449	123678Hexachlorodibenzofuran	1	4.65E-12	2.23E-15	1
507	507	0	57653857	123678HexachlorodibenzopDioxin	1	3.18E-12	1.52E-15	1
507	507	0	72918219	123789Hexachlorodibenzofuran	1	1.27E-12	6.09E-16	1
507	507	0	19408743	123789HexachlorodibenzopDioxin	1	1.98E-12	9.47E-16	1
507	507	0	57117416	12378Pentachlorodibenzofuranj	1	5.29E-12	2.54E-15	1
507	507	0	40321764	12378PentachlorodibenzopDioxin	1	1.48E-12	7.11E-16	1
507	507	0	60851345	234678Hexachlorodibenzofuran	1	5.45E-12	2.61E-15	1
507	507	0	57117314	23478Pentachlorodibenzofuran	1	3.88E-12	1.86E-15	1
507	507	0	51207319	2378Tetrachlorodibenzofuran	1	1.11E-11	5.30E-15	1
507	507	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.32E-12	1.59E-15	1
507	507	0	7440382	Arsenic	1	2.12E-02	1.02E-05	1
507	507	0	18540299	Chromiumhexavalent6	1	1.07E-07	5.12E-11	1
507	507	0	7439965	Manganese	1	1.48E+00	7.06E-04	1
507	507	0	7439976	Mercury	1	1.07E-06	5.14E-10	1
507	507	0	7440020	Nickel	1	9.86E-02	4.72E-05	1
507	507	0	39001020	Octachlorodibenzofuran	1	5.50E-11	2.63E-14	1
507	507	0	3268879	Octachlorodibenzopdioxin	1	1.89E-10	9.03E-14	1
507	507	0	7429905	Aluminum	1	1.24E+02	5.93E-02	1
507	507	0	7440393	Barium	1	1.51E+00	7.21E-04	1
507	507	0	7440417	Beryllium	1	1.54E-03	7.37E-07	1
507	507	0	7440439	Cadmium	1	3.38E-02	1.62E-05	1
507	507	0	7440473	Chromium(total)	1	3.82E-01	1.83E-04	1
507	507	0	7440508	Copper	1	1.35E-01	6.48E-05	1
507	507	0	7439921	Leadcompounds(inorganic)	1	1.33E+00	6.39E-04	1
507	507	0	7782492	Selenium	1	1.54E-03	7.37E-07	1
507	507	0	1175	Silica	1	1.54E+02	7.37E-02	1
507	507	0	7440666	Zinc	1	9.31E-01	4.46E-04	1
508	508	0	107028	Acrolein	1	2.08E-03	9.94E-07	1
508	508	0	9901	DPM	1	1.56E-02	7.48E-06	1
508	508	0	56553	Benzaanthracene	1	1.87E-05	8.95E-09	1
508	508	0	50328	Benzoapyrene	1	1.02E-06	4.87E-10	1
508	508	0	205992	Benzobfluoranthene	1	1.39E-05	6.65E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
508	508	0	207089	Benzokfluoranthene	1	1.39E-05	6.65E-09	1
508	508	0	218019	Chrysene	1	2.09E-05	1.00E-08	1
508	508	0	100414	Ethylbenzene	1	4.99E-02	2.39E-05	1
508	508	0	91203	PAHs[Napth]	1	7.16E-03	3.43E-06	1
508	508	0	110543	Hexane	1	3.03E-02	1.45E-05	1
508	508	0	100425	Styrene	1	1.16E-02	5.53E-06	1
508	508	0	108883	Toluene	1	3.52E-01	1.69E-04	1
508	508	0	1330207	Xylenes	1	1.98E-01	9.50E-05	1
508	508	0	71432	Benzene	1	1.63E-01	7.79E-05	1
508	508	0	67562394	1234678Heptachlorodibenzofuran	1	3.77E-11	1.81E-14	1
508	508	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.86E-11	8.89E-15	1
508	508	0	55673897	1234789Heptachlorodibenzofuran	1	1.21E-12	5.78E-16	1
508	508	0	70648269	123478Hexachlorodibenzofuran	1	3.40E-12	1.63E-15	1
508	508	0	39227286	123478HexachlorodibenzopDioxin	1	1.21E-12	5.78E-16	1
508	508	0	57117449	123678Hexachlorodibenzofuran	1	3.62E-12	1.73E-15	1
508	508	0	57653857	123678HexachlorodibenzopDioxin	1	2.47E-12	1.18E-15	1
508	508	0	72918219	123789Hexachlorodibenzofuran	1	9.89E-13	4.73E-16	1
508	508	0	19408743	123789HexachlorodibenzopDioxin	1	1.54E-12	7.36E-16	1
508	508	0	57117416	12378Pentachlorodibenzofuranj	1	4.12E-12	1.97E-15	1
508	508	0	40321764	12378PentachlorodibenzopDioxin	1	1.15E-12	5.53E-16	1
508	508	0	60851345	234678Hexachlorodibenzofuran	1	4.24E-12	2.03E-15	1
508	508	0	57117314	23478Pentachlorodibenzofuran	1	3.02E-12	1.45E-15	1
508	508	0	51207319	2378Tetrachlorodibenzofuran	1	8.61E-12	4.12E-15	1
508	508	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.58E-12	1.24E-15	1
508	508	0	7440382	Arsenic	1	1.65E-02	7.91E-06	1
508	508	0	18540299	Chromiumhexavalent6	1	8.32E-08	3.98E-11	1
508	508	0	7439965	Manganese	1	1.15E+00	5.49E-04	1
508	508	0	7439976	Mercury	1	8.34E-07	3.99E-10	1
508	508	0	7440020	Nickel	1	7.66E-02	3.67E-05	1
508	508	0	39001020	Octachlorodibenzofuran	1	4.27E-11	2.05E-14	1
508	508	0	3268879	Octachlorodibenzopdioxin	1	1.47E-10	7.02E-14	1
508	508	0	7429905	Aluminum	1	9.63E+01	4.61E-02	1
508	508	0	7440393	Barium	1	1.17E+00	5.61E-04	1
508	508	0	7440417	Beryllium	1	1.20E-03	5.73E-07	1
508	508	0	7440439	Cadmium	1	2.63E-02	1.26E-05	1
508	508	0	7440473	Chromium(total)	1	2.97E-01	1.42E-04	1
508	508	0	7440508	Copper	1	1.05E-01	5.04E-05	1
508	508	0	7439921	Leadcompounds(inorganic)	1	1.04E+00	4.97E-04	1
508	508	0	7782492	Selenium	1	1.20E-03	5.73E-07	1
508	508	0	1175	Silica	1	1.20E+02	5.73E-02	1
508	508	0	7440666	Zinc	1	7.24E-01	3.47E-04	1
509	509	0	107028	Acrolein	1	2.78E-03	1.33E-06	1
509	509	0	9901	DPM	1	2.09E-02	1.00E-05	1
509	509	0	56553	Benzaanthracene	1	2.50E-05	1.20E-08	1
509	509	0	50328	Benzoapyrene	1	1.36E-06	6.52E-10	1
509	509	0	205992	Benzobfluoranthene	1	1.86E-05	8.89E-09	1
509	509	0	207089	Benzokfluoranthene	1	1.86E-05	8.89E-09	1
509	509	0	218019	Chrysene	1	2.80E-05	1.34E-08	1
509	509	0	100414	Ethylbenzene	1	6.67E-02	3.20E-05	1
509	509	0	91203	PAHs[Napth]	1	9.59E-03	4.59E-06	1
509	509	0	110543	Hexane	1	4.05E-02	1.94E-05	1
509	509	0	100425	Styrene	1	1.55E-02	7.41E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
509	509	0	108883	Toluene	1	4.72E-01	2.26E-04	1
509	509	0	1330207	Xylenes	1	2.66E-01	1.27E-04	1
509	509	0	71432	Benzene	1	2.18E-01	1.04E-04	1
509	509	0	67562394	1234678Heptachlorodibenzofuran	1	5.05E-11	2.42E-14	1
509	509	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.48E-11	1.19E-14	1
509	509	0	55673897	1234789Heptachlorodibenzofuran	1	1.62E-12	7.74E-16	1
509	509	0	70648269	123478Hexachlorodibenzofuran	1	4.55E-12	2.18E-15	1
509	509	0	39227286	123478HexachlorodibenzopDioxin	1	1.62E-12	7.74E-16	1
509	509	0	57117449	123678Hexachlorodibenzofuran	1	4.84E-12	2.32E-15	1
509	509	0	57653857	123678HexachlorodibenzopDioxin	1	3.31E-12	1.58E-15	1
509	509	0	72918219	123789Hexachlorodibenzofuran	1	1.32E-12	6.34E-16	1
509	509	0	19408743	123789HexachlorodibenzopDioxin	1	2.06E-12	9.86E-16	1
509	509	0	57117416	12378Pentachlorodibenzofuranj	1	5.51E-12	2.64E-15	1
509	509	0	40321764	12378PentachlorodibenzopDioxin	1	1.54E-12	7.40E-16	1
509	509	0	60851345	234678Hexachlorodibenzofuran	1	5.68E-12	2.72E-15	1
509	509	0	57117314	23478Pentachlorodibenzofuran	1	4.04E-12	1.94E-15	1
509	509	0	51207319	2378Tetrachlorodibenzofuran	1	1.15E-11	5.52E-15	1
509	509	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.45E-12	1.65E-15	1
509	509	0	7440382	Arsenic	1	2.21E-02	1.06E-05	1
509	509	0	18540299	Chromiumhexavalent6	1	1.11E-07	5.33E-11	1
509	509	0	7439965	Manganese	1	1.54E+00	7.35E-04	1
509	509	0	7439976	Mercury	1	1.12E-06	5.34E-10	1
509	509	0	7440020	Nickel	1	1.03E-01	4.91E-05	1
509	509	0	39001020	Octachlorodibenzofuran	1	5.72E-11	2.74E-14	1
509	509	0	3268879	Octachlorodibenzopdioxin	1	1.96E-10	9.40E-14	1
509	509	0	7429905	Aluminum	1	1.29E+02	6.17E-02	1
509	509	0	7440393	Barium	1	1.57E+00	7.51E-04	1
509	509	0	7440417	Beryllium	1	1.60E-03	7.67E-07	1
509	509	0	7440439	Cadmium	1	3.52E-02	1.69E-05	1
509	509	0	7440473	Chromium(total)	1	3.97E-01	1.90E-04	1
509	509	0	7440508	Copper	1	1.41E-01	6.75E-05	1
509	509	0	7439921	Leadcompounds(inorganic)	1	1.39E+00	6.65E-04	1
509	509	0	7782492	Selenium	1	1.60E-03	7.67E-07	1
509	509	0	1175	Silica	1	1.60E+02	7.67E-02	1
509	509	0	7440666	Zinc	1	9.69E-01	4.64E-04	1
510	510	0	107028	Acrolein	1	4.89E-03	2.34E-06	1
510	510	0	9901	DPM	1	3.68E-02	1.76E-05	1
510	510	0	56553	Benzaanthracene	1	4.40E-05	2.11E-08	1
510	510	0	50328	Benzoapyrene	1	2.40E-06	1.15E-09	1
510	510	0	205992	Benzobfluoranthene	1	3.27E-05	1.57E-08	1
510	510	0	207089	Benzokfluoranthene	1	3.27E-05	1.57E-08	1
510	510	0	218019	Chrysene	1	4.93E-05	2.36E-08	1
510	510	0	100414	Ethylbenzene	1	1.18E-01	5.63E-05	1
510	510	0	91203	PAHs[Napth]	1	1.69E-02	8.08E-06	1
510	510	0	110543	Hexane	1	7.13E-02	3.42E-05	1
510	510	0	100425	Styrene	1	2.72E-02	1.30E-05	1
510	510	0	108883	Toluene	1	8.30E-01	3.98E-04	1
510	510	0	1330207	Xylenes	1	4.68E-01	2.24E-04	1
510	510	0	71432	Benzene	1	3.83E-01	1.84E-04	1
510	510	0	67562394	1234678Heptachlorodibenzofuran	1	8.89E-11	4.26E-14	1
510	510	0	35822469	1234678HeptachlorodibenzopDioxin	1	4.37E-11	2.09E-14	1
510	510	0	55673897	1234789Heptachlorodibenzofuran	1	2.84E-12	1.36E-15	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
510	510	0	70648269	123478Hexachlorodibenzofuran	1	8.01E-12	3.84E-15	1
510	510	0	39227286	123478HexachlorodibenzopDioxin	1	2.84E-12	1.36E-15	1
510	510	0	57117449	123678Hexachlorodibenzofuran	1	8.53E-12	4.08E-15	1
510	510	0	57653857	123678HexachlorodibenzopDioxin	1	5.82E-12	2.79E-15	1
510	510	0	72918219	123789Hexachlorodibenzofuran	1	2.33E-12	1.12E-15	1
510	510	0	19408743	123789HexachlorodibenzopDioxin	1	3.62E-12	1.74E-15	1
510	510	0	57117416	12378Pentachlorodibenzofuranj	1	9.70E-12	4.65E-15	1
510	510	0	40321764	12378PentachlorodibenzopDioxin	1	2.72E-12	1.30E-15	1
510	510	0	60851345	234678Hexachlorodibenzofuran	1	1.00E-11	4.79E-15	1
510	510	0	57117314	23478Pentachlorodibenzofuran	1	7.11E-12	3.41E-15	1
510	510	0	51207319	2378Tetrachlorodibenzofuran	1	2.03E-11	9.72E-15	1
510	510	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	6.08E-12	2.91E-15	1
510	510	0	7440382	Arsenic	1	3.89E-02	1.86E-05	1
510	510	0	18540299	Chromiumhexavalent6	1	1.96E-07	9.39E-11	1
510	510	0	7439965	Manganese	1	2.70E+00	1.29E-03	1
510	510	0	7439976	Mercury	1	1.96E-06	9.41E-10	1
510	510	0	7440020	Nickel	1	1.81E-01	8.65E-05	1
510	510	0	39001020	Octachlorodibenzofuran	1	1.01E-10	4.82E-14	1
510	510	0	3268879	Octachlorodibenzopdioxin	1	3.45E-10	1.65E-13	1
510	510	0	7429905	Aluminum	1	2.27E+02	1.09E-01	1
510	510	0	7440393	Barium	1	2.76E+00	1.32E-03	1
510	510	0	7440417	Beryllium	1	2.82E-03	1.35E-06	1
510	510	0	7440439	Cadmium	1	6.20E-02	2.97E-05	1
510	510	0	7440473	Chromium(total)	1	6.99E-01	3.35E-04	1
510	510	0	7440508	Copper	1	2.48E-01	1.19E-04	1
510	510	0	7439921	Leadcompounds(inorganic)	1	2.44E+00	1.17E-03	1
510	510	0	7782492	Selenium	1	2.82E-03	1.35E-06	1
510	510	0	1175	Silica	1	2.82E+02	1.35E-01	1
510	510	0	7440666	Zinc	1	1.71E+00	8.17E-04	1
511	511	0	107028	Acrolein	1	1.12E-03	5.37E-07	1
511	511	0	9901	DPM	1	8.43E-03	4.04E-06	1
511	511	0	56553	Benzaanthracene	1	1.01E-05	4.83E-09	1
511	511	0	50328	Benzoapyrene	1	5.49E-07	2.63E-10	1
511	511	0	205992	Benzobfluoranthene	1	7.49E-06	3.59E-09	1
511	511	0	207089	Benzokfluoranthene	1	7.49E-06	3.59E-09	1
511	511	0	218019	Chrysene	1	1.13E-05	5.41E-09	1
511	511	0	100414	Ethylbenzene	1	2.69E-02	1.29E-05	1
511	511	0	91203	PAHs[Napth]	1	3.87E-03	1.85E-06	1
511	511	0	110543	Hexane	1	1.63E-02	7.82E-06	1
511	511	0	100425	Styrene	1	6.24E-03	2.99E-06	1
511	511	0	108883	Toluene	1	1.90E-01	9.11E-05	1
511	511	0	1330207	Xylenes	1	1.07E-01	5.13E-05	1
511	511	0	71432	Benzene	1	8.78E-02	4.21E-05	1
511	511	0	67562394	1234678Heptachlorodibenzofuran	1	2.04E-11	9.76E-15	1
511	511	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.00E-11	4.80E-15	1
511	511	0	55673897	1234789Heptachlorodibenzofuran	1	6.52E-13	3.12E-16	1
511	511	0	70648269	123478Hexachlorodibenzofuran	1	1.84E-12	8.79E-16	1
511	511	0	39227286	123478HexachlorodibenzopDioxin	1	6.52E-13	3.12E-16	1
511	511	0	57117449	123678Hexachlorodibenzofuran	1	1.95E-12	9.35E-16	1
511	511	0	57653857	123678HexachlorodibenzopDioxin	1	1.33E-12	6.39E-16	1
511	511	0	72918219	123789Hexachlorodibenzofuran	1	5.34E-13	2.56E-16	1
511	511	0	19408743	123789HexachlorodibenzopDioxin	1	8.30E-13	3.98E-16	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
511	511	0	57117416	12378Pentachlorodibenzofuranj	1	2.22E-12	1.06E-15	1
511	511	0	40321764	12378PentachlorodibenzopDioxin	1	6.23E-13	2.98E-16	1
511	511	0	60851345	234678Hexachlorodibenzofuran	1	2.29E-12	1.10E-15	1
511	511	0	57117314	23478Pentachlorodibenzofuran	1	1.63E-12	7.81E-16	1
511	511	0	51207319	2378Tetrachlorodibenzofuran	1	4.65E-12	2.23E-15	1
511	511	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.39E-12	6.67E-16	1
511	511	0	7440382	Arsenic	1	8.92E-03	4.27E-06	1
511	511	0	18540299	Chromiumhexavalent6	1	4.49E-08	2.15E-11	1
511	511	0	7439965	Manganese	1	6.19E-01	2.97E-04	1
511	511	0	7439976	Mercury	1	4.50E-07	2.16E-10	1
511	511	0	7440020	Nickel	1	4.14E-02	1.98E-05	1
511	511	0	39001020	Octachlorodibenzofuran	1	2.31E-11	1.10E-14	1
511	511	0	3268879	Octachlorodibenzopdioxin	1	7.91E-11	3.79E-14	1
511	511	0	7429905	Aluminum	1	5.20E+01	2.49E-02	1
511	511	0	7440393	Barium	1	6.32E-01	3.03E-04	1
511	511	0	7440417	Beryllium	1	6.46E-04	3.09E-07	1
511	511	0	7440439	Cadmium	1	1.42E-02	6.80E-06	1
511	511	0	7440473	Chromium(total)	1	1.60E-01	7.67E-05	1
511	511	0	7440508	Copper	1	5.68E-02	2.72E-05	1
511	511	0	7439921	Leadcompounds(inorganic)	1	5.60E-01	2.68E-04	1
511	511	0	7782492	Selenium	1	6.46E-04	3.09E-07	1
511	511	0	1175	Silica	1	6.46E+01	3.09E-02	1
511	511	0	7440666	Zinc	1	3.91E-01	1.87E-04	1
512	512	0	107028	Acrolein	1	9.69E-04	4.64E-07	1
512	512	0	9901	DPM	1	7.29E-03	3.49E-06	1
512	512	0	56553	Benzaanthracene	1	8.72E-06	4.18E-09	1
512	512	0	50328	Benzoapyrene	1	4.75E-07	2.27E-10	1
512	512	0	205992	Benzobfluoranthene	1	6.47E-06	3.10E-09	1
512	512	0	207089	Benzokfluoranthene	1	6.47E-06	3.10E-09	1
512	512	0	218019	Chrysene	1	9.77E-06	4.68E-09	1
512	512	0	100414	Ethylbenzene	1	2.33E-02	1.11E-05	1
512	512	0	91203	PAHs[Napth]	1	3.34E-03	1.60E-06	1
512	512	0	110543	Hexane	1	1.41E-02	6.76E-06	1
512	512	0	100425	Styrene	1	5.39E-03	2.58E-06	1
512	512	0	108883	Toluene	1	1.64E-01	7.87E-05	1
512	512	0	1330207	Xylenes	1	9.26E-02	4.43E-05	1
512	512	0	71432	Benzene	1	7.59E-02	3.63E-05	1
512	512	0	67562394	1234678Heptachlorodibenzofuran	1	1.76E-11	8.43E-15	1
512	512	0	35822469	1234678HeptachlorodibenzopDioxin	1	8.66E-12	4.15E-15	1
512	512	0	55673897	1234789Heptachlorodibenzofuran	1	5.63E-13	2.70E-16	1
512	512	0	70648269	123478Hexachlorodibenzofuran	1	1.59E-12	7.60E-16	1
512	512	0	39227286	123478HexachlorodibenzopDioxin	1	5.63E-13	2.70E-16	1
512	512	0	57117449	123678Hexachlorodibenzofuran	1	1.69E-12	8.08E-16	1
512	512	0	57653857	123678HexachlorodibenzopDioxin	1	1.15E-12	5.52E-16	1
512	512	0	72918219	123789Hexachlorodibenzofuran	1	4.61E-13	2.21E-16	1
512	512	0	19408743	123789HexachlorodibenzopDioxin	1	7.17E-13	3.44E-16	1
512	512	0	57117416	12378Pentachlorodibenzofuranj	1	1.92E-12	9.20E-16	1
512	512	0	40321764	12378PentachlorodibenzopDioxin	1	5.38E-13	2.58E-16	1
512	512	0	60851345	234678Hexachlorodibenzofuran	1	1.98E-12	9.48E-16	1
512	512	0	57117314	23478Pentachlorodibenzofuran	1	1.41E-12	6.75E-16	1
512	512	0	51207319	2378Tetrachlorodibenzofuran	1	4.02E-12	1.92E-15	1
512	512	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	1.20E-12	5.76E-16	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
512	512	0	7440382	Arsenic	1	7.71E-03	3.69E-06	1
512	512	0	18540299	Chromiumhexavalent6	1	3.88E-08	1.86E-11	1
512	512	0	7439965	Manganese	1	5.35E-01	2.56E-04	1
512	512	0	7439976	Mercury	1	3.89E-07	1.86E-10	1
512	512	0	7440020	Nickel	1	3.58E-02	1.71E-05	1
512	512	0	39001020	Octachlorodibenzofuran	1	1.99E-11	9.55E-15	1
512	512	0	3268879	Octachlorodibenzopdioxin	1	6.84E-11	3.28E-14	1
512	512	0	7429905	Aluminum	1	4.49E+01	2.15E-02	1
512	512	0	7440393	Barium	1	5.46E-01	2.62E-04	1
512	512	0	7440417	Beryllium	1	5.58E-04	2.67E-07	1
512	512	0	7440439	Cadmium	1	1.23E-02	5.88E-06	1
512	512	0	7440473	Chromium(total)	1	1.38E-01	6.63E-05	1
512	512	0	7440508	Copper	1	4.91E-02	2.35E-05	1
512	512	0	7439921	Leadcompounds(inorganic)	1	4.84E-01	2.32E-04	1
512	512	0	7782492	Selenium	1	5.58E-04	2.67E-07	1
512	512	0	1175	Silica	1	5.58E+01	2.67E-02	1
512	512	0	7440666	Zinc	1	3.38E-01	1.62E-04	1
513	513	0	107028	Acrolein	1	1.74E-03	8.35E-07	1
513	513	0	9901	DPM	1	1.31E-02	6.28E-06	1
513	513	0	56553	Benzaanthracene	1	1.57E-05	7.52E-09	1
513	513	0	50328	Benzoapyrene	1	8.54E-07	4.09E-10	1
513	513	0	205992	Benzobfluoranthene	1	1.17E-05	5.58E-09	1
513	513	0	207089	Benzokfluoranthene	1	1.17E-05	5.58E-09	1
513	513	0	218019	Chrysene	1	1.76E-05	8.42E-09	1
513	513	0	100414	Ethylbenzene	1	4.19E-02	2.01E-05	1
513	513	0	91203	PAHs[Napth]	1	6.02E-03	2.88E-06	1
513	513	0	110543	Hexane	1	2.54E-02	1.22E-05	1
513	513	0	100425	Styrene	1	9.71E-03	4.65E-06	1
513	513	0	108883	Toluene	1	2.96E-01	1.42E-04	1
513	513	0	1330207	Xylenes	1	1.67E-01	7.98E-05	1
513	513	0	71432	Benzene	1	1.37E-01	6.54E-05	1
513	513	0	67562394	1234678Heptachlorodibenzofuran	1	3.17E-11	1.52E-14	1
513	513	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.56E-11	7.46E-15	1
513	513	0	55673897	1234789Heptachlorodibenzofuran	1	1.01E-12	4.86E-16	1
513	513	0	70648269	123478Hexachlorodibenzofuran	1	2.86E-12	1.37E-15	1
513	513	0	39227286	123478HexachlorodibenzopDioxin	1	1.01E-12	4.86E-16	1
513	513	0	57117449	123678Hexachlorodibenzofuran	1	3.04E-12	1.46E-15	1
513	513	0	57653857	123678HexachlorodibenzopDioxin	1	2.07E-12	9.94E-16	1
513	513	0	72918219	123789Hexachlorodibenzofuran	1	8.30E-13	3.98E-16	1
513	513	0	19408743	123789HexachlorodibenzopDioxin	1	1.29E-12	6.18E-16	1
513	513	0	57117416	12378Pentachlorodibenzofuranj	1	3.46E-12	1.66E-15	1
513	513	0	40321764	12378PentachlorodibenzopDioxin	1	9.69E-13	4.64E-16	1
513	513	0	60851345	234678Hexachlorodibenzofuran	1	3.56E-12	1.71E-15	1
513	513	0	57117314	23478Pentachlorodibenzofuran	1	2.54E-12	1.21E-15	1
513	513	0	51207319	2378Tetrachlorodibenzofuran	1	7.23E-12	3.46E-15	1
513	513	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.17E-12	1.04E-15	1
513	513	0	7440382	Arsenic	1	1.39E-02	6.65E-06	1
513	513	0	18540299	Chromiumhexavalent6	1	6.99E-08	3.35E-11	1
513	513	0	7439965	Manganese	1	9.63E-01	4.61E-04	1
513	513	0	7439976	Mercury	1	7.00E-07	3.35E-10	1
513	513	0	7440020	Nickel	1	6.44E-02	3.08E-05	1
513	513	0	39001020	Octachlorodibenzofuran	1	3.59E-11	1.72E-14	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
513	513	0	3268879	Octachlorodibenzopdioxin	1	1.23E-10	5.90E-14	1
513	513	0	7429905	Aluminum	1	8.09E+01	3.87E-02	1
513	513	0	7440393	Barium	1	9.84E-01	4.71E-04	1
513	513	0	7440417	Beryllium	1	1.00E-03	4.81E-07	1
513	513	0	7440439	Cadmium	1	2.21E-02	1.06E-05	1
513	513	0	7440473	Chromium(total)	1	2.49E-01	1.19E-04	1
513	513	0	7440508	Copper	1	8.84E-02	4.23E-05	1
513	513	0	7439921	Leadcompounds(inorganic)	1	8.71E-01	4.17E-04	1
513	513	0	7782492	Selenium	1	1.00E-03	4.81E-07	1
513	513	0	1175	Silica	1	1.00E+02	4.81E-02	1
513	513	0	7440666	Zinc	1	6.08E-01	2.91E-04	1
514	514	0	107028	Acrolein	1	3.01E-03	1.44E-06	1
514	514	0	9901	DPM	1	2.27E-02	1.09E-05	1
514	514	0	56553	Benzaanthracene	1	2.71E-05	1.30E-08	1
514	514	0	50328	Benzoapyrene	1	1.48E-06	7.07E-10	1
514	514	0	205992	Benzobfluoranthene	1	2.01E-05	9.64E-09	1
514	514	0	207089	Benzokfluoranthene	1	2.01E-05	9.64E-09	1
514	514	0	218019	Chrysene	1	3.04E-05	1.45E-08	1
514	514	0	100414	Ethylbenzene	1	7.23E-02	3.46E-05	1
514	514	0	91203	PAHs[Napth]	1	1.04E-02	4.98E-06	1
514	514	0	110543	Hexane	1	4.39E-02	2.10E-05	1
514	514	0	100425	Styrene	1	1.68E-02	8.03E-06	1
514	514	0	108883	Toluene	1	5.11E-01	2.45E-04	1
514	514	0	1330207	Xylenes	1	2.88E-01	1.38E-04	1
514	514	0	71432	Benzene	1	2.36E-01	1.13E-04	1
514	514	0	67562394	1234678Heptachlorodibenzofuran	1	5.47E-11	2.62E-14	1
514	514	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.69E-11	1.29E-14	1
514	514	0	55673897	1234789Heptachlorodibenzofuran	1	1.75E-12	8.39E-16	1
514	514	0	70648269	123478Hexachlorodibenzofuran	1	4.93E-12	2.36E-15	1
514	514	0	39227286	123478HexachlorodibenzopDioxin	1	1.75E-12	8.39E-16	1
514	514	0	57117449	123678Hexachlorodibenzofuran	1	5.25E-12	2.51E-15	1
514	514	0	57653857	123678HexachlorodibenzopDioxin	1	3.58E-12	1.72E-15	1
514	514	0	72918219	123789Hexachlorodibenzofuran	1	1.43E-12	6.87E-16	1
514	514	0	19408743	123789HexachlorodibenzopDioxin	1	2.23E-12	1.07E-15	1
514	514	0	57117416	12378Pentachlorodibenzofuranj	1	5.97E-12	2.86E-15	1
514	514	0	40321764	12378PentachlorodibenzopDioxin	1	1.67E-12	8.02E-16	1
514	514	0	60851345	234678Hexachlorodibenzofuran	1	6.15E-12	2.95E-15	1
514	514	0	57117314	23478Pentachlorodibenzofuran	1	4.38E-12	2.10E-15	1
514	514	0	51207319	2378Tetrachlorodibenzofuran	1	1.25E-11	5.98E-15	1
514	514	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.74E-12	1.79E-15	1
514	514	0	7440382	Arsenic	1	2.40E-02	1.15E-05	1
514	514	0	18540299	Chromiumhexavalent6	1	1.21E-07	5.78E-11	1
514	514	0	7439965	Manganese	1	1.66E+00	7.97E-04	1
514	514	0	7439976	Mercury	1	1.21E-06	5.79E-10	1
514	514	0	7440020	Nickel	1	1.11E-01	5.32E-05	1
514	514	0	39001020	Octachlorodibenzofuran	1	6.20E-11	2.97E-14	1
514	514	0	3268879	Octachlorodibenzopdioxin	1	2.13E-10	1.02E-13	1
514	514	0	7429905	Aluminum	1	1.40E+02	6.69E-02	1
514	514	0	7440393	Barium	1	1.70E+00	8.14E-04	1
514	514	0	7440417	Beryllium	1	1.74E-03	8.31E-07	1
514	514	0	7440439	Cadmium	1	3.82E-02	1.83E-05	1
514	514	0	7440473	Chromium(total)	1	4.30E-01	2.06E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
514	514	0	7440508	Copper	1	1.53E-01	7.31E-05	1
514	514	0	7439921	Leadcompounds(inorganic)	1	1.50E+00	7.21E-04	1
514	514	0	7782492	Selenium	1	1.74E-03	8.31E-07	1
514	514	0	1175	Silica	1	1.74E+02	8.31E-02	1
514	514	0	7440666	Zinc	1	1.05E+00	5.03E-04	1
520	520	0	107028	Acrolein	1	3.99E-04	1.91E-07	1
520	520	0	9901	DPM	1	3.00E-03	1.44E-06	1
520	520	0	56553	Benzaanthracene	1	3.59E-06	1.72E-09	1
520	520	0	50328	Benzoapyrene	1	1.95E-07	9.36E-11	1
520	520	0	205992	Benzobfluoranthene	1	2.67E-06	1.28E-09	1
520	520	0	207089	Benzokfluoranthene	1	2.67E-06	1.28E-09	1
520	520	0	218019	Chrysene	1	4.02E-06	1.93E-09	1
520	520	0	100414	Ethylbenzene	1	9.58E-03	4.59E-06	1
520	520	0	91203	PAHs[Napth]	1	1.38E-03	6.59E-07	1
520	520	0	110543	Hexane	1	5.81E-03	2.78E-06	1
520	520	0	100425	Styrene	1	2.22E-03	1.06E-06	1
520	520	0	108883	Toluene	1	6.77E-02	3.24E-05	1
520	520	0	1330207	Xylenes	1	3.81E-02	1.83E-05	1
520	520	0	71432	Benzene	1	3.12E-02	1.50E-05	1
520	520	0	67562394	1234678Heptachlorodibenzofuran	1	7.25E-12	3.47E-15	1
520	520	0	35822469	1234678HeptachlorodibenzopDioxin	1	3.56E-12	1.71E-15	1
520	520	0	55673897	1234789Heptachlorodibenzofuran	1	2.32E-13	1.11E-16	1
520	520	0	70648269	123478Hexachlorodibenzofuran	1	6.53E-13	3.13E-16	1
520	520	0	39227286	123478HexachlorodibenzopDioxin	1	2.32E-13	1.11E-16	1
520	520	0	57117449	123678Hexachlorodibenzofuran	1	6.95E-13	3.33E-16	1
520	520	0	57653857	123678HexachlorodibenzopDioxin	1	4.74E-13	2.27E-16	1
520	520	0	72918219	123789Hexachlorodibenzofuran	1	1.90E-13	9.10E-17	1
520	520	0	19408743	123789HexachlorodibenzopDioxin	1	2.95E-13	1.41E-16	1
520	520	0	57117416	12378Pentachlorodibenzofuranj	1	7.91E-13	3.79E-16	1
520	520	0	40321764	12378PentachlorodibenzopDioxin	1	2.22E-13	1.06E-16	1
520	520	0	60851345	234678Hexachlorodibenzofuran	1	8.15E-13	3.90E-16	1
520	520	0	57117314	23478Pentachlorodibenzofuran	1	5.80E-13	2.78E-16	1
520	520	0	51207319	2378Tetrachlorodibenzofuran	1	1.65E-12	7.92E-16	1
520	520	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	4.95E-13	2.37E-16	1
520	520	0	7440382	Arsenic	1	3.17E-03	1.52E-06	1
520	520	0	18540299	Chromiumhexavalent6	1	1.60E-08	7.65E-12	1
520	520	0	7439965	Manganese	1	2.20E-01	1.06E-04	1
520	520	0	7439976	Mercury	1	1.60E-07	7.67E-11	1
520	520	0	7440020	Nickel	1	1.47E-02	7.05E-06	1
520	520	0	39001020	Octachlorodibenzofuran	1	8.21E-12	3.93E-15	1
520	520	0	3268879	Octachlorodibenzopdioxin	1	2.82E-11	1.35E-14	1
520	520	0	7429905	Aluminum	1	1.85E+01	8.86E-03	1
520	520	0	7440393	Barium	1	2.25E-01	1.08E-04	1
520	520	0	7440417	Beryllium	1	2.30E-04	1.10E-07	1
520	520	0	7440439	Cadmium	1	5.05E-03	2.42E-06	1
520	520	0	7440473	Chromium(total)	1	5.70E-02	2.73E-05	1
520	520	0	7440508	Copper	1	2.02E-02	9.68E-06	1
520	520	0	7439921	Leadcompounds(inorganic)	1	1.99E-01	9.54E-05	1
520	520	0	7782492	Selenium	1	2.30E-04	1.10E-07	1
520	520	0	1175	Silica	1	2.30E+01	1.10E-02	1
520	520	0	7440666	Zinc	1	1.39E-01	6.66E-05	1
521	521	0	107028	Acrolein	1	2.92E-04	1.40E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
521	521	0	9901	DPM	1	2.20E-03	1.05E-06	1
521	521	0	56553	Benzaanthracene	1	2.63E-06	1.26E-09	1
521	521	0	50328	Benzoapyrene	1	1.43E-07	6.86E-11	1
521	521	0	205992	Benzobfluoranthene	1	1.95E-06	9.36E-10	1
521	521	0	207089	Benzokfluoranthene	1	1.95E-06	9.36E-10	1
521	521	0	218019	Chrysene	1	2.95E-06	1.41E-09	1
521	521	0	100414	Ethylbenzene	1	7.02E-03	3.36E-06	1
521	521	0	91203	PAHs[Napth]	1	1.01E-03	4.83E-07	1
521	521	0	110543	Hexane	1	4.26E-03	2.04E-06	1
521	521	0	100425	Styrene	1	1.63E-03	7.80E-07	1
521	521	0	108883	Toluene	1	4.96E-02	2.38E-05	1
521	521	0	1330207	Xylenes	1	2.79E-02	1.34E-05	1
521	521	0	71432	Benzene	1	2.29E-02	1.10E-05	1
521	521	0	67562394	1234678Heptachlorodibenzofuran	1	5.32E-12	2.55E-15	1
521	521	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.61E-12	1.25E-15	1
521	521	0	55673897	1234789Heptachlorodibenzofuran	1	1.70E-13	8.14E-17	1
521	521	0	70648269	123478Hexachlorodibenzofuran	1	4.79E-13	2.29E-16	1
521	521	0	39227286	123478HexachlorodibenzopDioxin	1	1.70E-13	8.14E-17	1
521	521	0	57117449	123678Hexachlorodibenzofuran	1	5.10E-13	2.44E-16	1
521	521	0	57653857	123678HexachlorodibenzopDioxin	1	3.48E-13	1.67E-16	1
521	521	0	72918219	123789Hexachlorodibenzofuran	1	1.39E-13	6.67E-17	1
521	521	0	19408743	123789HexachlorodibenzopDioxin	1	2.17E-13	1.04E-16	1
521	521	0	57117416	12378Pentachlorodibenzofuranj	1	5.80E-13	2.78E-16	1
521	521	0	40321764	12378PentachlorodibenzopDioxin	1	1.63E-13	7.79E-17	1
521	521	0	60851345	234678Hexachlorodibenzofuran	1	5.98E-13	2.86E-16	1
521	521	0	57117314	23478Pentachlorodibenzofuran	1	4.25E-13	2.04E-16	1
521	521	0	51207319	2378Tetrachlorodibenzofuran	1	1.21E-12	5.81E-16	1
521	521	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.63E-13	1.74E-16	1
521	521	0	7440382	Arsenic	1	2.33E-03	1.11E-06	1
521	521	0	18540299	Chromiumhexavalent6	1	1.17E-08	5.61E-12	1
521	521	0	7439965	Manganese	1	1.62E-01	7.74E-05	1
521	521	0	7439976	Mercury	1	1.17E-07	5.63E-11	1
521	521	0	7440020	Nickel	1	1.08E-02	5.17E-06	1
521	521	0	39001020	Octachlorodibenzofuran	1	6.02E-12	2.88E-15	1
521	521	0	3268879	Octachlorodibenzopdioxin	1	2.07E-11	9.89E-15	1
521	521	0	7429905	Aluminum	1	1.36E+01	6.50E-03	1
521	521	0	7440393	Barium	1	1.65E-01	7.90E-05	1
521	521	0	7440417	Beryllium	1	1.69E-04	8.07E-08	1
521	521	0	7440439	Cadmium	1	3.71E-03	1.78E-06	1
521	521	0	7440473	Chromium(total)	1	4.18E-02	2.00E-05	1
521	521	0	7440508	Copper	1	1.48E-02	7.10E-06	1
521	521	0	7439921	Leadcompounds(inorganic)	1	1.46E-01	7.00E-05	1
521	521	0	7782492	Selenium	1	1.69E-04	8.07E-08	1
521	521	0	1175	Silica	1	1.69E+01	8.07E-03	1
521	521	0	7440666	Zinc	1	1.02E-01	4.88E-05	1
522	522	0	107028	Acrolein	1	7.18E-04	3.44E-07	1
522	522	0	9901	DPM	1	5.40E-03	2.59E-06	1
522	522	0	56553	Benzaanthracene	1	6.46E-06	3.10E-09	1
522	522	0	50328	Benzoapyrene	1	3.52E-07	1.69E-10	1
522	522	0	205992	Benzobfluoranthene	1	4.80E-06	2.30E-09	1
522	522	0	207089	Benzokfluoranthene	1	4.80E-06	2.30E-09	1
522	522	0	218019	Chrysene	1	7.24E-06	3.47E-09	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
522	522	0	100414	Ethylbenzene	1	1.73E-02	8.26E-06	1
522	522	0	91203	PAHs[Napth]	1	2.48E-03	1.19E-06	1
522	522	0	110543	Hexane	1	1.05E-02	5.01E-06	1
522	522	0	100425	Styrene	1	4.00E-03	1.91E-06	1
522	522	0	108883	Toluene	1	1.22E-01	5.84E-05	1
522	522	0	1330207	Xylenes	1	6.86E-02	3.29E-05	1
522	522	0	71432	Benzene	1	5.63E-02	2.69E-05	1
522	522	0	67562394	1234678Heptachlorodibenzofuran	1	1.31E-11	6.25E-15	1
522	522	0	35822469	1234678HeptachlorodibenzopDioxin	1	6.42E-12	3.07E-15	1
522	522	0	55673897	1234789Heptachlorodibenzofuran	1	4.18E-13	2.00E-16	1
522	522	0	70648269	123478Hexachlorodibenzofuran	1	1.18E-12	5.63E-16	1
522	522	0	39227286	123478HexachlorodibenzopDioxin	1	4.18E-13	2.00E-16	1
522	522	0	57117449	123678Hexachlorodibenzofuran	1	1.25E-12	5.99E-16	1
522	522	0	57653857	123678HexachlorodibenzopDioxin	1	8.55E-13	4.09E-16	1
522	522	0	72918219	123789Hexachlorodibenzofuran	1	3.42E-13	1.64E-16	1
522	522	0	19408743	123789HexachlorodibenzopDioxin	1	5.32E-13	2.55E-16	1
522	522	0	57117416	12378Pentachlorodibenzofuranj	1	1.42E-12	6.82E-16	1
522	522	0	40321764	12378PentachlorodibenzopDioxin	1	3.99E-13	1.91E-16	1
522	522	0	60851345	234678Hexachlorodibenzofuran	1	1.47E-12	7.03E-16	1
522	522	0	57117314	23478Pentachlorodibenzofuran	1	1.04E-12	5.00E-16	1
522	522	0	51207319	2378Tetrachlorodibenzofuran	1	2.98E-12	1.43E-15	1
522	522	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	8.92E-13	4.27E-16	1
522	522	0	7440382	Arsenic	1	5.72E-03	2.74E-06	1
522	522	0	18540299	Chromiumhexavalent6	1	2.88E-08	1.38E-11	1
522	522	0	7439965	Manganese	1	3.97E-01	1.90E-04	1
522	522	0	7439976	Mercury	1	2.88E-07	1.38E-10	1
522	522	0	7440020	Nickel	1	2.65E-02	1.27E-05	1
522	522	0	39001020	Octachlorodibenzofuran	1	1.48E-11	7.08E-15	1
522	522	0	3268879	Octachlorodibenzopdioxin	1	5.07E-11	2.43E-14	1
522	522	0	7429905	Aluminum	1	3.33E+01	1.60E-02	1
522	522	0	7440393	Barium	1	4.05E-01	1.94E-04	1
522	522	0	7440417	Beryllium	1	4.14E-04	1.98E-07	1
522	522	0	7440439	Cadmium	1	9.10E-03	4.36E-06	1
522	522	0	7440473	Chromium(total)	1	1.03E-01	4.92E-05	1
522	522	0	7440508	Copper	1	3.64E-02	1.74E-05	1
522	522	0	7439921	Leadcompounds(inorganic)	1	3.59E-01	1.72E-04	1
522	522	0	7782492	Selenium	1	4.14E-04	1.98E-07	1
522	522	0	1175	Silica	1	4.14E+01	1.98E-02	1
522	522	0	7440666	Zinc	1	2.50E-01	1.20E-04	1
523	523	0	107028	Acrolein	1	1.95E-04	9.32E-08	1
523	523	0	9901	DPM	1	1.46E-03	7.02E-07	1
523	523	0	56553	Benzaanthracene	1	1.75E-06	8.39E-10	1
523	523	0	50328	Benzoapyrene	1	9.54E-08	4.57E-11	1
523	523	0	205992	Benzobfluoranthene	1	1.30E-06	6.23E-10	1
523	523	0	207089	Benzokfluoranthene	1	1.30E-06	6.23E-10	1
523	523	0	218019	Chrysene	1	1.96E-06	9.40E-10	1
523	523	0	100414	Ethylbenzene	1	4.68E-03	2.24E-06	1
523	523	0	91203	PAHs[Napth]	1	6.72E-04	3.22E-07	1
523	523	0	110543	Hexane	1	2.84E-03	1.36E-06	1
523	523	0	100425	Styrene	1	1.08E-03	5.19E-07	1
523	523	0	108883	Toluene	1	3.30E-02	1.58E-05	1
523	523	0	1330207	Xylenes	1	1.86E-02	8.91E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
523	523	0	71432	Benzene	1	1.53E-02	7.30E-06	1
523	523	0	67562394	1234678Heptachlorodibenzofuran	1	3.54E-12	1.69E-15	1
523	523	0	35822469	1234678HeptachlorodibenzopDioxin	1	1.74E-12	8.33E-16	1
523	523	0	55673897	1234789Heptachlorodibenzofuran	1	1.13E-13	5.42E-17	1
523	523	0	70648269	123478Hexachlorodibenzofuran	1	3.19E-13	1.53E-16	1
523	523	0	39227286	123478HexachlorodibenzopDioxin	1	1.13E-13	5.42E-17	1
523	523	0	57117449	123678Hexachlorodibenzofuran	1	3.39E-13	1.62E-16	1
523	523	0	57653857	123678HexachlorodibenzopDioxin	1	2.32E-13	1.11E-16	1
523	523	0	72918219	123789Hexachlorodibenzofuran	1	9.27E-14	4.44E-17	1
523	523	0	19408743	123789HexachlorodibenzopDioxin	1	1.44E-13	6.91E-17	1
523	523	0	57117416	12378Pentachlorodibenzofuranj	1	3.86E-13	1.85E-16	1
523	523	0	40321764	12378PentachlorodibenzopDioxin	1	1.08E-13	5.18E-17	1
523	523	0	60851345	234678Hexachlorodibenzofuran	1	3.98E-13	1.90E-16	1
523	523	0	57117314	23478Pentachlorodibenzofuran	1	2.83E-13	1.36E-16	1
523	523	0	51207319	2378Tetrachlorodibenzofuran	1	8.07E-13	3.87E-16	1
523	523	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	2.42E-13	1.16E-16	1
523	523	0	7440382	Arsenic	1	1.55E-03	7.42E-07	1
523	523	0	18540299	Chromiumhexavalent6	1	7.80E-09	3.74E-12	1
523	523	0	7439965	Manganese	1	1.08E-01	5.15E-05	1
523	523	0	7439976	Mercury	1	7.82E-08	3.74E-11	1
523	523	0	7440020	Nickel	1	7.19E-03	3.44E-06	1
523	523	0	39001020	Octachlorodibenzofuran	1	4.01E-12	1.92E-15	1
523	523	0	3268879	Octachlorodibenzopdioxin	1	1.37E-11	6.58E-15	1
523	523	0	7429905	Aluminum	1	9.03E+00	4.33E-03	1
523	523	0	7440393	Barium	1	1.10E-01	5.26E-05	1
523	523	0	7440417	Beryllium	1	1.12E-04	5.37E-08	1
523	523	0	7440439	Cadmium	1	2.47E-03	1.18E-06	1
523	523	0	7440473	Chromium(total)	1	2.78E-02	1.33E-05	1
523	523	0	7440508	Copper	1	9.87E-03	4.73E-06	1
523	523	0	7439921	Leadcompounds(inorganic)	1	9.73E-02	4.66E-05	1
523	523	0	7782492	Selenium	1	1.12E-04	5.37E-08	1
523	523	0	1175	Silica	1	1.12E+01	5.37E-03	1
523	523	0	7440666	Zinc	1	6.79E-02	3.25E-05	1
524	524	0	107028	Acrolein	1	2.76E-04	1.32E-07	1
524	524	0	9901	DPM	1	2.08E-03	9.95E-07	1
524	524	0	56553	Benzaanthracene	1	2.49E-06	1.19E-09	1
524	524	0	50328	Benzoapyrene	1	1.35E-07	6.48E-11	1
524	524	0	205992	Benzobfluoranthene	1	1.85E-06	8.84E-10	1
524	524	0	207089	Benzokfluoranthene	1	1.85E-06	8.84E-10	1
524	524	0	218019	Chrysene	1	2.79E-06	1.33E-09	1
524	524	0	100414	Ethylbenzene	1	6.64E-03	3.18E-06	1
524	524	0	91203	PAHs[Napth]	1	9.53E-04	4.57E-07	1
524	524	0	110543	Hexane	1	4.03E-03	1.93E-06	1
524	524	0	100425	Styrene	1	1.54E-03	7.37E-07	1
524	524	0	108883	Toluene	1	4.69E-02	2.25E-05	1
524	524	0	1330207	Xylenes	1	2.64E-02	1.26E-05	1
524	524	0	71432	Benzene	1	2.16E-02	1.04E-05	1
524	524	0	67562394	1234678Heptachlorodibenzofuran	1	5.02E-12	2.41E-15	1
524	524	0	35822469	1234678HeptachlorodibenzopDioxin	1	2.47E-12	1.18E-15	1
524	524	0	55673897	1234789Heptachlorodibenzofuran	1	1.61E-13	7.69E-17	1
524	524	0	70648269	123478Hexachlorodibenzofuran	1	4.52E-13	2.17E-16	1
524	524	0	39227286	123478HexachlorodibenzopDioxin	1	1.61E-13	7.69E-17	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
524	524	0	57117449	123678Hexachlorodibenzofuran	1	4.81E-13	2.31E-16	1
524	524	0	57653857	123678HexachlorodibenzopDioxin	1	3.29E-13	1.57E-16	1
524	524	0	72918219	123789Hexachlorodibenzofuran	1	1.32E-13	6.30E-17	1
524	524	0	19408743	123789HexachlorodibenzopDioxin	1	2.05E-13	9.80E-17	1
524	524	0	57117416	12378Pentachlorodibenzofuranj	1	5.48E-13	2.62E-16	1
524	524	0	40321764	12378PentachlorodibenzopDioxin	1	1.54E-13	7.35E-17	1
524	524	0	60851345	234678Hexachlorodibenzofuran	1	5.64E-13	2.70E-16	1
524	524	0	57117314	23478Pentachlorodibenzofuran	1	4.02E-13	1.92E-16	1
524	524	0	51207319	2378Tetrachlorodibenzofuran	1	1.15E-12	5.49E-16	1
524	524	0	1746016	2378TetrachlorodibenzopDioxinTCDD	1	3.43E-13	1.64E-16	1
524	524	0	7440382	Arsenic	1	2.20E-03	1.05E-06	1
524	524	0	18540299	Chromiumhexavalent6	1	1.11E-08	5.30E-12	1
524	524	0	7439965	Manganese	1	1.53E-01	7.31E-05	1
524	524	0	7439976	Mercury	1	1.11E-07	5.31E-11	1
524	524	0	7440020	Nickel	1	1.02E-02	4.88E-06	1
524	524	0	39001020	Octachlorodibenzofuran	1	5.69E-12	2.72E-15	1
524	524	0	3268879	Octachlorodibenzopdioxin	1	1.95E-11	9.34E-15	1
524	524	0	7429905	Aluminum	1	1.28E+01	6.14E-03	1
524	524	0	7440393	Barium	1	1.56E-01	7.46E-05	1
524	524	0	7440417	Beryllium	1	1.59E-04	7.62E-08	1
524	524	0	7440439	Cadmium	1	3.50E-03	1.68E-06	1
524	524	0	7440473	Chromium(total)	1	3.95E-02	1.89E-05	1
524	524	0	7440508	Copper	1	1.40E-02	6.71E-06	1
524	524	0	7439921	Leadcompounds(inorganic)	1	1.38E-01	6.61E-05	1
524	524	0	7782492	Selenium	1	1.59E-04	7.62E-08	1
524	524	0	1175	Silica	1	1.59E+01	7.62E-03	1
524	524	0	7440666	Zinc	1	9.63E-02	4.61E-05	1
1	1	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
1	1	0	9901	DPM	1	3.59E-01	0.00E+00	1
1	1	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
1	1	0	71432	Benzene	1	1.73E+00	1.23E-04	1
1	1	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
1	1	0	91203	PAHs[Napth]	1	7.07E-03	2.70E-06	1
1	1	0	100414	Ethylbenzene	1	3.46E-01	2.46E-05	1
1	1	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
1	1	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
1	1	0	108883	Toluene	1	1.55E+00	1.10E-04	1
1	1	0	110543	Hexane	1	0.00E+00	3.69E-06	1
1	1	0	1330207	Xylenes	1	1.07E+00	7.63E-05	1
1	1	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
1	1	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
1	1	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
1	1	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
1	1	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
1	1	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
1	1	0	7440508	Copper	1	0.00E+00	5.62E-07	1
1	1	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
1	1	0	7664417	Ammonia	1	2.95E-03	2.65E-03	1
1	1	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
1	1	0	7783064	Hydrogensulfide	1	6.49E-03	4.66E-07	1
1	1	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
2	2	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
2	2	0	9901	DPM	1	6.71E-01	0.00E+00	1
2	2	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
2	2	0	71432	Benzene	1	5.05E-01	3.08E-05	1
2	2	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
2	2	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
2	2	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
2	2	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
2	2	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
2	2	0	108883	Toluene	1	4.53E-01	2.76E-05	1
2	2	0	110543	Hexane	1	0.00E+00	9.22E-07	1
2	2	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
2	2	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
2	2	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
2	2	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
2	2	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
2	2	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
2	2	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
2	2	0	7440508	Copper	1	0.00E+00	1.41E-07	1
2	2	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
2	2	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
2	2	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
2	2	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
2	2	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
3	3	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
3	3	0	9901	DPM	1	8.48E-01	0.00E+00	1
3	3	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
3	3	0	71432	Benzene	1	1.36E+00	9.24E-05	1
3	3	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
3	3	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
3	3	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
3	3	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
3	3	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
3	3	0	108883	Toluene	1	1.22E+00	8.28E-05	1
3	3	0	110543	Hexane	1	0.00E+00	2.77E-06	1
3	3	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
3	3	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
3	3	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
3	3	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
3	3	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
3	3	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
3	3	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
3	3	0	7440508	Copper	1	0.00E+00	4.22E-07	1
3	3	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
3	3	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
3	3	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
3	3	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
3	3	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
4	4	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
4	4	0	9901	DPM	1	7.59E-01	0.00E+00	1
4	4	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
4	4	0	71432	Benzene	1	8.24E-01	6.16E-05	1
4	4	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
4	4	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
4	4	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
4	4	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
4	4	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
4	4	0	108883	Toluene	1	7.38E-01	5.52E-05	1
4	4	0	110543	Hexane	1	0.00E+00	1.84E-06	1
4	4	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
4	4	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
4	4	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
4	4	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
4	4	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
4	4	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
4	4	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
4	4	0	7440508	Copper	1	0.00E+00	2.81E-07	1
4	4	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
4	4	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
4	4	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
4	4	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
4	4	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
5	5	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
5	5	0	9901	DPM	1	7.59E-01	0.00E+00	1
5	5	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
5	5	0	71432	Benzene	1	8.24E-01	6.16E-05	1
5	5	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
5	5	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
5	5	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
5	5	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
5	5	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
5	5	0	108883	Toluene	1	7.38E-01	5.52E-05	1
5	5	0	110543	Hexane	1	0.00E+00	1.84E-06	1
5	5	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
5	5	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
5	5	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
5	5	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
5	5	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
5	5	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
5	5	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
5	5	0	7440508	Copper	1	0.00E+00	2.81E-07	1
5	5	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
5	5	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
5	5	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
5	5	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
5	5	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
6	6	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
6	6	0	9901	DPM	1	6.71E-01	0.00E+00	1
6	6	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
6	6	0	71432	Benzene	1	4.53E-01	3.08E-05	1
6	6	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
6	6	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
6	6	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
6	6	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
6	6	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
6	6	0	108883	Toluene	1	4.06E-01	2.76E-05	1
6	6	0	110543	Hexane	1	0.00E+00	9.22E-07	1
6	6	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
6	6	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
6	6	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
6	6	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
6	6	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
6	6	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
6	6	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
6	6	0	7440508	Copper	1	0.00E+00	1.41E-07	1
6	6	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
6	6	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
6	6	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
6	6	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
6	6	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
7	7	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
7	7	0	9901	DPM	1	9.37E-01	0.00E+00	1
7	7	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
7	7	0	71432	Benzene	1	1.78E+00	1.23E-04	1
7	7	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
7	7	0	91203	PAHs[Napth]	1	7.28E-03	2.70E-06	1
7	7	0	100414	Ethylbenzene	1	3.56E-01	2.46E-05	1
7	7	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
7	7	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
7	7	0	108883	Toluene	1	1.60E+00	1.10E-04	1
7	7	0	110543	Hexane	1	0.00E+00	3.69E-06	1
7	7	0	1330207	Xylenes	1	1.10E+00	7.63E-05	1
7	7	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
7	7	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
7	7	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
7	7	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
7	7	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
7	7	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
7	7	0	7440508	Copper	1	0.00E+00	5.62E-07	1
7	7	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
7	7	0	7664417	Ammonia	1	3.04E-03	2.65E-03	1
7	7	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
7	7	0	7783064	Hydrogensulfide	1	6.68E-03	4.66E-07	1
7	7	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
8	8	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
8	8	0	9901	DPM	1	8.91E-02	0.00E+00	1
8	8	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
8	8	0	71432	Benzene	1	3.71E-01	3.08E-05	1
8	8	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
8	8	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
8	8	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
8	8	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
8	8	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
8	8	0	108883	Toluene	1	3.32E-01	2.76E-05	1
8	8	0	110543	Hexane	1	0.00E+00	9.22E-07	1
8	8	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
8	8	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
8	8	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
8	8	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
8	8	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
8	8	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
8	8	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
8	8	0	7440508	Copper	1	0.00E+00	1.41E-07	1
8	8	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
8	8	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
8	8	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
8	8	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
8	8	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
9	9	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
9	9	0	9901	DPM	1	6.71E-01	0.00E+00	1
9	9	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
9	9	0	71432	Benzene	1	5.57E-01	3.28E-05	1
9	9	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
9	9	0	91203	PAHs[Napth]	1	2.28E-03	6.75E-07	1
9	9	0	100414	Ethylbenzene	1	1.11E-01	6.56E-06	1
9	9	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
9	9	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
9	9	0	108883	Toluene	1	4.99E-01	2.94E-05	1
9	9	0	110543	Hexane	1	0.00E+00	9.22E-07	1
9	9	0	1330207	Xylenes	1	3.45E-01	2.03E-05	1
9	9	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
9	9	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
9	9	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
9	9	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
9	9	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
9	9	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
9	9	0	7440508	Copper	1	0.00E+00	1.41E-07	1
9	9	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
9	9	0	7664417	Ammonia	1	9.50E-04	6.63E-04	1
9	9	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
9	9	0	7783064	Hydrogensulfide	1	2.09E-03	1.22E-07	1
9	9	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
10	10	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
10	10	0	9901	DPM	1	8.48E-01	0.00E+00	1
10	10	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
10	10	0	71432	Benzene	1	1.19E+00	9.24E-05	1
10	10	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
10	10	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
10	10	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
10	10	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
10	10	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
10	10	0	108883	Toluene	1	1.07E+00	8.28E-05	1
10	10	0	110543	Hexane	1	0.00E+00	2.77E-06	1
10	10	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
10	10	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
10	10	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
10	10	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
10	10	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
10	10	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
10	10	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
10	10	0	7440508	Copper	1	0.00E+00	4.22E-07	1
10	10	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
10	10	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
10	10	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
10	10	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
10	10	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
11	11	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
11	11	0	9901	DPM	1	9.37E-01	0.00E+00	1
11	11	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
11	11	0	71432	Benzene	1	1.70E+00	1.23E-04	1
11	11	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
11	11	0	91203	PAHs[Napth]	1	6.97E-03	2.70E-06	1
11	11	0	100414	Ethylbenzene	1	3.39E-01	2.46E-05	1
11	11	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
11	11	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
11	11	0	108883	Toluene	1	1.52E+00	1.10E-04	1
11	11	0	110543	Hexane	1	0.00E+00	3.69E-06	1
11	11	0	1330207	Xylenes	1	1.05E+00	7.63E-05	1
11	11	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
11	11	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
11	11	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
11	11	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
11	11	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
11	11	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
11	11	0	7440508	Copper	1	0.00E+00	5.62E-07	1
11	11	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
11	11	0	7664417	Ammonia	1	2.91E-03	2.65E-03	1
11	11	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
11	11	0	7783064	Hydrogensulfide	1	6.39E-03	4.66E-07	1
11	11	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
12	12	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
12	12	0	9901	DPM	1	8.48E-01	0.00E+00	1
12	12	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
12	12	0	71432	Benzene	1	1.33E+00	9.24E-05	1
12	12	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
12	12	0	91203	PAHs[Napth]	1	5.44E-03	2.03E-06	1
12	12	0	100414	Ethylbenzene	1	2.65E-01	1.84E-05	1
12	12	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
12	12	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
12	12	0	108883	Toluene	1	1.19E+00	8.28E-05	1
12	12	0	110543	Hexane	1	0.00E+00	2.77E-06	1
12	12	0	1330207	Xylenes	1	8.23E-01	5.72E-05	1
12	12	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
12	12	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
12	12	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
12	12	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
12	12	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
12	12	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
12	12	0	7440508	Copper	1	0.00E+00	4.22E-07	1
12	12	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
12	12	0	7664417	Ammonia	1	2.27E-03	1.99E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
12	12	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
12	12	0	7783064	Hydrogensulfide	1	4.99E-03	3.50E-07	1
12	12	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
13	13	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
13	13	0	9901	DPM	1	9.37E-01	0.00E+00	1
13	13	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
13	13	0	71432	Benzene	1	1.73E+00	1.23E-04	1
13	13	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
13	13	0	91203	PAHs[Napth]	1	7.07E-03	2.70E-06	1
13	13	0	100414	Ethylbenzene	1	3.46E-01	2.46E-05	1
13	13	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
13	13	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
13	13	0	108883	Toluene	1	1.55E+00	1.10E-04	1
13	13	0	110543	Hexane	1	0.00E+00	3.69E-06	1
13	13	0	1330207	Xylenes	1	1.07E+00	7.63E-05	1
13	13	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
13	13	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
13	13	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
13	13	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
13	13	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
13	13	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
13	13	0	7440508	Copper	1	0.00E+00	5.62E-07	1
13	13	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
13	13	0	7664417	Ammonia	1	2.95E-03	2.65E-03	1
13	13	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
13	13	0	7783064	Hydrogensulfide	1	6.49E-03	4.66E-07	1
13	13	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
14	14	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
14	14	0	9901	DPM	1	8.48E-01	0.00E+00	1
14	14	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
14	14	0	71432	Benzene	1	1.19E+00	9.24E-05	1
14	14	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
14	14	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
14	14	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
14	14	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
14	14	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
14	14	0	108883	Toluene	1	1.07E+00	8.28E-05	1
14	14	0	110543	Hexane	1	0.00E+00	2.77E-06	1
14	14	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
14	14	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
14	14	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
14	14	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
14	14	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
14	14	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
14	14	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
14	14	0	7440508	Copper	1	0.00E+00	4.22E-07	1
14	14	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
14	14	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
14	14	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
14	14	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
14	14	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
15	15	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
15	15	0	9901	DPM	1	6.71E-01	0.00E+00	1
15	15	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
15	15	0	71432	Benzene	1	4.53E-01	3.08E-05	1
15	15	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
15	15	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
15	15	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
15	15	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
15	15	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
15	15	0	108883	Toluene	1	4.06E-01	2.76E-05	1
15	15	0	110543	Hexane	1	0.00E+00	9.22E-07	1
15	15	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
15	15	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
15	15	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
15	15	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
15	15	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
15	15	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
15	15	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
15	15	0	7440508	Copper	1	0.00E+00	1.41E-07	1
15	15	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
15	15	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
15	15	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
15	15	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
15	15	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
16	16	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
16	16	0	9901	DPM	1	1.03E+00	0.00E+00	1
16	16	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
16	16	0	71432	Benzene	1	2.18E+00	1.54E-04	1
16	16	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
16	16	0	91203	PAHs[Napth]	1	8.92E-03	3.38E-06	1
16	16	0	100414	Ethylbenzene	1	4.36E-01	3.07E-05	1
16	16	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
16	16	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
16	16	0	108883	Toluene	1	1.96E+00	1.38E-04	1
16	16	0	110543	Hexane	1	0.00E+00	4.61E-06	1
16	16	0	1330207	Xylenes	1	1.35E+00	9.53E-05	1
16	16	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1
16	16	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
16	16	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
16	16	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
16	16	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
16	16	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
16	16	0	7440508	Copper	1	0.00E+00	7.03E-07	1
16	16	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
16	16	0	7664417	Ammonia	1	3.72E-03	3.31E-03	1
16	16	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
16	16	0	7783064	Hydrogensulfide	1	8.18E-03	5.83E-07	1
16	16	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
17	17	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
17	17	0	9901	DPM	1	9.26E-02	0.00E+00	1
17	17	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
17	17	0	71432	Benzene	1	4.53E-01	3.08E-05	1
17	17	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
17	17	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
17	17	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
17	17	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
17	17	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
17	17	0	108883	Toluene	1	4.06E-01	2.76E-05	1
17	17	0	110543	Hexane	1	0.00E+00	9.22E-07	1
17	17	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
17	17	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
17	17	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
17	17	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
17	17	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
17	17	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
17	17	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
17	17	0	7440508	Copper	1	0.00E+00	1.41E-07	1
17	17	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
17	17	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
17	17	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
17	17	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
17	17	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
18	18	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
18	18	0	9901	DPM	1	6.71E-01	0.00E+00	1
18	18	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
18	18	0	71432	Benzene	1	3.71E-01	3.08E-05	1
18	18	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
18	18	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
18	18	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
18	18	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
18	18	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
18	18	0	108883	Toluene	1	3.32E-01	2.76E-05	1
18	18	0	110543	Hexane	1	0.00E+00	9.22E-07	1
18	18	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
18	18	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
18	18	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
18	18	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
18	18	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
18	18	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
18	18	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
18	18	0	7440508	Copper	1	0.00E+00	1.41E-07	1
18	18	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
18	18	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
18	18	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
18	18	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
18	18	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
19	19	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
19	19	0	9901	DPM	1	6.71E-01	0.00E+00	1
19	19	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
19	19	0	71432	Benzene	1	4.53E-01	3.08E-05	1
19	19	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
19	19	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
19	19	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
19	19	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
19	19	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
19	19	0	108883	Toluene	1	4.06E-01	2.76E-05	1
19	19	0	110543	Hexane	1	0.00E+00	9.22E-07	1
19	19	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
19	19	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
19	19	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
19	19	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
19	19	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
19	19	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
19	19	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
19	19	0	7440508	Copper	1	0.00E+00	1.41E-07	1
19	19	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
19	19	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
19	19	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
19	19	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
19	19	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
20	20	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
20	20	0	9901	DPM	1	6.71E-01	0.00E+00	1
20	20	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
20	20	0	71432	Benzene	1	3.71E-01	3.08E-05	1
20	20	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
20	20	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
20	20	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
20	20	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
20	20	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
20	20	0	108883	Toluene	1	3.32E-01	2.76E-05	1
20	20	0	110543	Hexane	1	0.00E+00	9.22E-07	1
20	20	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
20	20	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
20	20	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
20	20	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
20	20	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
20	20	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
20	20	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
20	20	0	7440508	Copper	1	0.00E+00	1.41E-07	1
20	20	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
20	20	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
20	20	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
20	20	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
20	20	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
21	21	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
21	21	0	9901	DPM	1	6.71E-01	0.00E+00	1
21	21	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
21	21	0	71432	Benzene	1	4.53E-01	3.08E-05	1
21	21	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
21	21	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
21	21	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
21	21	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
21	21	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
21	21	0	108883	Toluene	1	4.06E-01	2.76E-05	1
21	21	0	110543	Hexane	1	0.00E+00	9.22E-07	1
21	21	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
21	21	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
21	21	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
21	21	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
21	21	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
21	21	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
21	21	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
21	21	0	7440508	Copper	1	0.00E+00	1.41E-07	1
21	21	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
21	21	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
21	21	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
21	21	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
21	21	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
22	22	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
22	22	0	9901	DPM	1	1.81E-01	0.00E+00	1
22	22	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
22	22	0	71432	Benzene	1	7.93E-01	6.16E-05	1
22	22	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
22	22	0	91203	PAHs[Napth]	1	3.28E-03	1.35E-06	1
22	22	0	100414	Ethylbenzene	1	1.58E-01	1.23E-05	1
22	22	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
22	22	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
22	22	0	108883	Toluene	1	7.11E-01	5.52E-05	1
22	22	0	110543	Hexane	1	0.00E+00	1.84E-06	1
22	22	0	1330207	Xylenes	1	4.91E-01	3.81E-05	1
22	22	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
22	22	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
22	22	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
22	22	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
22	22	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
22	22	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
22	22	0	7440508	Copper	1	0.00E+00	2.81E-07	1
22	22	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
22	22	0	7664417	Ammonia	1	1.37E-03	1.33E-03	1
22	22	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
22	22	0	7783064	Hydrogensulfide	1	3.00E-03	2.33E-07	1
22	22	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
23	23	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
23	23	0	9901	DPM	1	9.26E-02	0.00E+00	1
23	23	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
23	23	0	71432	Benzene	1	4.53E-01	3.08E-05	1
23	23	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
23	23	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
23	23	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
23	23	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
23	23	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
23	23	0	108883	Toluene	1	4.06E-01	2.76E-05	1
23	23	0	110543	Hexane	1	0.00E+00	9.22E-07	1
23	23	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
23	23	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
23	23	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
23	23	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
23	23	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
23	23	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
23	23	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
23	23	0	7440508	Copper	1	0.00E+00	1.41E-07	1
23	23	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
23	23	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
23	23	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
23	23	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
23	23	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
24	24	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
24	24	0	9901	DPM	1	7.59E-01	0.00E+00	1
24	24	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
24	24	0	71432	Benzene	1	9.07E-01	6.16E-05	1
24	24	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
24	24	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
24	24	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
24	24	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
24	24	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
24	24	0	108883	Toluene	1	8.12E-01	5.52E-05	1
24	24	0	110543	Hexane	1	0.00E+00	1.84E-06	1
24	24	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
24	24	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
24	24	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
24	24	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
24	24	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
24	24	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
24	24	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
24	24	0	7440508	Copper	1	0.00E+00	2.81E-07	1
24	24	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
24	24	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
24	24	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
24	24	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
24	24	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
25	25	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
25	25	0	9901	DPM	1	8.48E-01	0.00E+00	1
25	25	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
25	25	0	71432	Benzene	1	1.28E+00	9.24E-05	1
25	25	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
25	25	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
25	25	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
25	25	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
25	25	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
25	25	0	108883	Toluene	1	1.14E+00	8.28E-05	1
25	25	0	110543	Hexane	1	0.00E+00	2.77E-06	1
25	25	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
25	25	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
25	25	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
25	25	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
25	25	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
25	25	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
25	25	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
25	25	0	7440508	Copper	1	0.00E+00	4.22E-07	1
25	25	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
25	25	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
25	25	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
25	25	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
25	25	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
26	26	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
26	26	0	9901	DPM	1	6.71E-01	0.00E+00	1
26	26	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
26	26	0	71432	Benzene	1	3.71E-01	3.08E-05	1
26	26	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
26	26	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
26	26	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
26	26	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
26	26	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
26	26	0	108883	Toluene	1	3.32E-01	2.76E-05	1
26	26	0	110543	Hexane	1	0.00E+00	9.22E-07	1
26	26	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
26	26	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
26	26	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
26	26	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
26	26	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
26	26	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
26	26	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
26	26	0	7440508	Copper	1	0.00E+00	1.41E-07	1
26	26	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
26	26	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
26	26	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
26	26	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
26	26	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
27	27	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
27	27	0	9901	DPM	1	1.03E+00	0.00E+00	1
27	27	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
27	27	0	71432	Benzene	1	2.21E+00	1.54E-04	1
27	27	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
27	27	0	91203	PAHs[Napth]	1	9.03E-03	3.38E-06	1
27	27	0	100414	Ethylbenzene	1	4.40E-01	3.07E-05	1
27	27	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
27	27	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
27	27	0	108883	Toluene	1	1.98E+00	1.38E-04	1
27	27	0	110543	Hexane	1	0.00E+00	4.61E-06	1
27	27	0	1330207	Xylenes	1	1.37E+00	9.53E-05	1
27	27	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1
27	27	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
27	27	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
27	27	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
27	27	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
27	27	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
27	27	0	7440508	Copper	1	0.00E+00	7.03E-07	1
27	27	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
27	27	0	7664417	Ammonia	1	3.77E-03	3.31E-03	1
27	27	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
27	27	0	7783064	Hydrogensulfide	1	8.28E-03	5.83E-07	1
27	27	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
28	28	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
28	28	0	9901	DPM	1	6.71E-01	0.00E+00	1
28	28	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
28	28	0	71432	Benzene	1	4.53E-01	3.08E-05	1
28	28	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
28	28	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
28	28	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
28	28	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
28	28	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
28	28	0	108883	Toluene	1	4.06E-01	2.76E-05	1
28	28	0	110543	Hexane	1	0.00E+00	9.22E-07	1
28	28	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
28	28	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
28	28	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
28	28	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
28	28	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
28	28	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
28	28	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
28	28	0	7440508	Copper	1	0.00E+00	1.41E-07	1
28	28	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
28	28	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
28	28	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
28	28	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
28	28	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
29	29	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
29	29	0	9901	DPM	1	6.71E-01	0.00E+00	1
29	29	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
29	29	0	71432	Benzene	1	4.53E-01	3.08E-05	1
29	29	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
29	29	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
29	29	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
29	29	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
29	29	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
29	29	0	108883	Toluene	1	4.06E-01	2.76E-05	1
29	29	0	110543	Hexane	1	0.00E+00	9.22E-07	1
29	29	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
29	29	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
29	29	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
29	29	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
29	29	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
29	29	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
29	29	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
29	29	0	7440508	Copper	1	0.00E+00	1.41E-07	1
29	29	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
29	29	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
29	29	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
29	29	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
29	29	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
30	30	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
30	30	0	9901	DPM	1	8.48E-01	0.00E+00	1
30	30	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
30	30	0	71432	Benzene	1	1.28E+00	9.24E-05	1
30	30	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
30	30	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
30	30	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
30	30	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
30	30	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
30	30	0	108883	Toluene	1	1.14E+00	8.28E-05	1
30	30	0	110543	Hexane	1	0.00E+00	2.77E-06	1
30	30	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
30	30	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
30	30	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
30	30	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
30	30	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
30	30	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
30	30	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
30	30	0	7440508	Copper	1	0.00E+00	4.22E-07	1
30	30	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
30	30	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
30	30	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
30	30	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
30	30	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
31	31	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
31	31	0	9901	DPM	1	7.59E-01	0.00E+00	1
31	31	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
31	31	0	71432	Benzene	1	8.76E-01	6.16E-05	1
31	31	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
31	31	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
31	31	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
31	31	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
31	31	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
31	31	0	108883	Toluene	1	7.85E-01	5.52E-05	1
31	31	0	110543	Hexane	1	0.00E+00	1.84E-06	1
31	31	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
31	31	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
31	31	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
31	31	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
31	31	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
31	31	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
31	31	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
31	31	0	7440508	Copper	1	0.00E+00	2.81E-07	1
31	31	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
31	31	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
31	31	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
31	31	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
31	31	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
32	32	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
32	32	0	9901	DPM	1	6.71E-01	0.00E+00	1
32	32	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
32	32	0	71432	Benzene	1	3.71E-01	3.08E-05	1
32	32	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
32	32	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
32	32	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
32	32	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
32	32	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
32	32	0	108883	Toluene	1	3.32E-01	2.76E-05	1
32	32	0	110543	Hexane	1	0.00E+00	9.22E-07	1
32	32	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
32	32	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
32	32	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
32	32	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
32	32	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
32	32	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
32	32	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
32	32	0	7440508	Copper	1	0.00E+00	1.41E-07	1
32	32	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
32	32	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
32	32	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
32	32	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
32	32	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
33	33	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
33	33	0	9901	DPM	1	8.48E-01	0.00E+00	1
33	33	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
33	33	0	71432	Benzene	1	1.33E+00	9.24E-05	1
33	33	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
33	33	0	91203	PAHs[Napth]	1	5.44E-03	2.03E-06	1
33	33	0	100414	Ethylbenzene	1	2.65E-01	1.84E-05	1
33	33	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
33	33	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
33	33	0	108883	Toluene	1	1.19E+00	8.28E-05	1
33	33	0	110543	Hexane	1	0.00E+00	2.77E-06	1
33	33	0	1330207	Xylenes	1	8.23E-01	5.72E-05	1
33	33	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
33	33	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
33	33	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
33	33	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
33	33	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
33	33	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
33	33	0	7440508	Copper	1	0.00E+00	4.22E-07	1
33	33	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
33	33	0	7664417	Ammonia	1	2.27E-03	1.99E-03	1
33	33	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
33	33	0	7783064	Hydrogensulfide	1	4.99E-03	3.50E-07	1
33	33	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
34	34	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
34	34	0	9901	DPM	1	7.59E-01	0.00E+00	1
34	34	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
34	34	0	71432	Benzene	1	7.93E-01	6.16E-05	1
34	34	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
34	34	0	91203	PAHs[Napth]	1	3.28E-03	1.35E-06	1
34	34	0	100414	Ethylbenzene	1	1.58E-01	1.23E-05	1
34	34	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
34	34	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
34	34	0	108883	Toluene	1	7.11E-01	5.52E-05	1
34	34	0	110543	Hexane	1	0.00E+00	1.84E-06	1
34	34	0	1330207	Xylenes	1	4.91E-01	3.81E-05	1
34	34	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
34	34	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
34	34	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
34	34	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
34	34	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
34	34	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
34	34	0	7440508	Copper	1	0.00E+00	2.81E-07	1
34	34	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
34	34	0	7664417	Ammonia	1	1.37E-03	1.33E-03	1
34	34	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
34	34	0	7783064	Hydrogensulfide	1	3.00E-03	2.33E-07	1
34	34	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
35	35	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
35	35	0	9901	DPM	1	6.71E-01	0.00E+00	1
35	35	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
35	35	0	71432	Benzene	1	4.53E-01	3.08E-05	1
35	35	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
35	35	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
35	35	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
35	35	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
35	35	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
35	35	0	108883	Toluene	1	4.06E-01	2.76E-05	1
35	35	0	110543	Hexane	1	0.00E+00	9.22E-07	1
35	35	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
35	35	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
35	35	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
35	35	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
35	35	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
35	35	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
35	35	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
35	35	0	7440508	Copper	1	0.00E+00	1.41E-07	1
35	35	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
35	35	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
35	35	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
35	35	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
35	35	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
36	36	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
36	36	0	9901	DPM	1	8.48E-01	0.00E+00	1
36	36	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
36	36	0	71432	Benzene	1	1.36E+00	9.24E-05	1
36	36	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
36	36	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
36	36	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
36	36	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
36	36	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
36	36	0	108883	Toluene	1	1.22E+00	8.28E-05	1
36	36	0	110543	Hexane	1	0.00E+00	2.77E-06	1
36	36	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
36	36	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
36	36	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
36	36	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
36	36	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
36	36	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
36	36	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
36	36	0	7440508	Copper	1	0.00E+00	4.22E-07	1
36	36	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
36	36	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
36	36	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
36	36	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
36	36	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
37	37	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
37	37	0	9901	DPM	1	6.71E-01	0.00E+00	1
37	37	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
37	37	0	71432	Benzene	1	4.53E-01	3.08E-05	1
37	37	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
37	37	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
37	37	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
37	37	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
37	37	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
37	37	0	108883	Toluene	1	4.06E-01	2.76E-05	1
37	37	0	110543	Hexane	1	0.00E+00	9.22E-07	1
37	37	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
37	37	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
37	37	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
37	37	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
37	37	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
37	37	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
37	37	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
37	37	0	7440508	Copper	1	0.00E+00	1.41E-07	1
37	37	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
37	37	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
37	37	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
37	37	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
37	37	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
38	38	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
38	38	0	9901	DPM	1	7.59E-01	0.00E+00	1
38	38	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
38	38	0	71432	Benzene	1	9.07E-01	6.16E-05	1
38	38	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
38	38	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
38	38	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
38	38	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
38	38	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
38	38	0	108883	Toluene	1	8.12E-01	5.52E-05	1
38	38	0	110543	Hexane	1	0.00E+00	1.84E-06	1
38	38	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
38	38	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
38	38	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
38	38	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
38	38	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
38	38	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
38	38	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
38	38	0	7440508	Copper	1	0.00E+00	2.81E-07	1
38	38	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
38	38	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
38	38	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
38	38	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
38	38	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
39	39	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
39	39	0	9901	DPM	1	7.59E-01	0.00E+00	1
39	39	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
39	39	0	71432	Benzene	1	8.24E-01	6.16E-05	1
39	39	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
39	39	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
39	39	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
39	39	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
39	39	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
39	39	0	108883	Toluene	1	7.38E-01	5.52E-05	1
39	39	0	110543	Hexane	1	0.00E+00	1.84E-06	1
39	39	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
39	39	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
39	39	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
39	39	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
39	39	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
39	39	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
39	39	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
39	39	0	7440508	Copper	1	0.00E+00	2.81E-07	1
39	39	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
39	39	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
39	39	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
39	39	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
39	39	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
40	40	0	1151	PAHs[Napth]	1	0.00E+00	1.34E-05	1
40	40	0	9901	DPM	1	1.20E+00	0.00E+00	1
40	40	0	50000	Formaldehyde	1	0.00E+00	4.14E-04	1
40	40	0	71432	Benzene	1	2.93E+00	2.16E-04	1
40	40	0	75070	Acetaldehyde	1	0.00E+00	1.88E-04	1
40	40	0	91203	PAHs[Napth]	1	1.20E-02	4.73E-06	1
40	40	0	100414	Ethylbenzene	1	5.84E-01	4.30E-05	1
40	40	0	106990	Butadiene[13]	1	0.00E+00	5.22E-05	1
40	40	0	107028	Acrolein	1	0.00E+00	8.13E-06	1
40	40	0	108883	Toluene	1	2.62E+00	1.93E-04	1
40	40	0	110543	Hexane	1	0.00E+00	6.45E-06	1
40	40	0	1330207	Xylenes	1	1.81E+00	1.33E-04	1
40	40	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.99E-06	1
40	40	0	7439965	Manganese	1	0.00E+00	7.44E-07	1
40	40	0	7439976	Mercury	1	0.00E+00	4.80E-07	1
40	40	0	7440020	Nickel	1	0.00E+00	9.36E-07	1
40	40	0	7440382	Arsenic	1	0.00E+00	3.84E-07	1
40	40	0	7440439	Cadmium	1	0.00E+00	3.60E-07	1
40	40	0	7440508	Copper	1	0.00E+00	9.84E-07	1
40	40	0	7647010	Hydrochloricacid	1	0.00E+00	4.47E-05	1
40	40	0	7664417	Ammonia	1	5.00E-03	4.64E-03	1
40	40	0	7782492	Selenium	1	0.00E+00	5.28E-07	1
40	40	0	7783064	Hydrogensulfide	1	1.10E-02	8.16E-07	1
40	40	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.40E-08	1
41	41	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
41	41	0	9901	DPM	1	7.59E-01	0.00E+00	1
41	41	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
41	41	0	71432	Benzene	1	8.76E-01	6.16E-05	1
41	41	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
41	41	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
41	41	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
41	41	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
41	41	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
41	41	0	108883	Toluene	1	7.85E-01	5.52E-05	1
41	41	0	110543	Hexane	1	0.00E+00	1.84E-06	1
41	41	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
41	41	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
41	41	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
41	41	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
41	41	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
41	41	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
41	41	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
41	41	0	7440508	Copper	1	0.00E+00	2.81E-07	1
41	41	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
41	41	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
41	41	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
41	41	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
41	41	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
42	42	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
42	42	0	9901	DPM	1	9.26E-02	0.00E+00	1
42	42	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
42	42	0	71432	Benzene	1	4.53E-01	3.08E-05	1
42	42	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
42	42	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
42	42	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
42	42	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
42	42	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
42	42	0	108883	Toluene	1	4.06E-01	2.76E-05	1
42	42	0	110543	Hexane	1	0.00E+00	9.22E-07	1
42	42	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
42	42	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
42	42	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
42	42	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
42	42	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
42	42	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
42	42	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
42	42	0	7440508	Copper	1	0.00E+00	1.41E-07	1
42	42	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
42	42	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
42	42	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
42	42	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
42	42	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
43	43	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
43	43	0	9901	DPM	1	6.71E-01	0.00E+00	1
43	43	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
43	43	0	71432	Benzene	1	4.53E-01	3.08E-05	1
43	43	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
43	43	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
43	43	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
43	43	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
43	43	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
43	43	0	108883	Toluene	1	4.06E-01	2.76E-05	1
43	43	0	110543	Hexane	1	0.00E+00	9.22E-07	1
43	43	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
43	43	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
43	43	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
43	43	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
43	43	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
43	43	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
43	43	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
43	43	0	7440508	Copper	1	0.00E+00	1.41E-07	1
43	43	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
43	43	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
43	43	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
43	43	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
43	43	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
44	44	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
44	44	0	9901	DPM	1	7.59E-01	0.00E+00	1
44	44	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
44	44	0	71432	Benzene	1	7.93E-01	6.16E-05	1
44	44	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
44	44	0	91203	PAHs[Napth]	1	3.28E-03	1.35E-06	1
44	44	0	100414	Ethylbenzene	1	1.58E-01	1.23E-05	1
44	44	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
44	44	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
44	44	0	108883	Toluene	1	7.11E-01	5.52E-05	1
44	44	0	110543	Hexane	1	0.00E+00	1.84E-06	1
44	44	0	1330207	Xylenes	1	4.91E-01	3.81E-05	1
44	44	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
44	44	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
44	44	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
44	44	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
44	44	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
44	44	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
44	44	0	7440508	Copper	1	0.00E+00	2.81E-07	1
44	44	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
44	44	0	7664417	Ammonia	1	1.37E-03	1.33E-03	1
44	44	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
44	44	0	7783064	Hydrogensulfide	1	3.00E-03	2.33E-07	1
44	44	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
45	45	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
45	45	0	9901	DPM	1	6.71E-01	0.00E+00	1
45	45	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
45	45	0	71432	Benzene	1	4.53E-01	3.08E-05	1
45	45	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
45	45	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
45	45	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
45	45	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
45	45	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
45	45	0	108883	Toluene	1	4.06E-01	2.76E-05	1
45	45	0	110543	Hexane	1	0.00E+00	9.22E-07	1
45	45	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
45	45	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
45	45	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
45	45	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
45	45	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
45	45	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
45	45	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
45	45	0	7440508	Copper	1	0.00E+00	1.41E-07	1
45	45	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
45	45	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
45	45	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
45	45	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
45	45	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
46	46	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
46	46	0	9901	DPM	1	5.82E-01	0.00E+00	1
46	46	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
46	46	0	71432	Benzene	1	5.18E-02	5.92E-06	1
46	46	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
46	46	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
46	46	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
46	46	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
46	46	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
46	46	0	108883	Toluene	1	4.65E-02	5.31E-06	1
46	46	0	110543	Hexane	1	0.00E+00	2.18E-07	1
46	46	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
46	46	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
46	46	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
46	46	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
46	46	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
46	46	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
46	46	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
46	46	0	7440508	Copper	1	0.00E+00	3.32E-08	1
46	46	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
46	46	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
46	46	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
46	46	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
46	46	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
47	47	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
47	47	0	9901	DPM	1	9.26E-02	0.00E+00	1
47	47	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
47	47	0	71432	Benzene	1	3.71E-01	3.08E-05	1
47	47	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
47	47	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
47	47	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
47	47	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
47	47	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
47	47	0	108883	Toluene	1	3.32E-01	2.76E-05	1
47	47	0	110543	Hexane	1	0.00E+00	9.22E-07	1
47	47	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
47	47	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
47	47	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
47	47	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
47	47	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
47	47	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
47	47	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
47	47	0	7440508	Copper	1	0.00E+00	1.41E-07	1
47	47	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
47	47	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
47	47	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
47	47	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
47	47	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
48	48	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
48	48	0	9901	DPM	1	1.81E-01	0.00E+00	1
48	48	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
48	48	0	71432	Benzene	1	9.07E-01	6.16E-05	1
48	48	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
48	48	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
48	48	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
48	48	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
48	48	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
48	48	0	108883	Toluene	1	8.12E-01	5.52E-05	1
48	48	0	110543	Hexane	1	0.00E+00	1.84E-06	1
48	48	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
48	48	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
48	48	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
48	48	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
48	48	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
48	48	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
48	48	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
48	48	0	7440508	Copper	1	0.00E+00	2.81E-07	1
48	48	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
48	48	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
48	48	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
48	48	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
48	48	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
49	49	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
49	49	0	9901	DPM	1	9.37E-01	0.00E+00	1
49	49	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
49	49	0	71432	Benzene	1	1.70E+00	1.23E-04	1
49	49	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
49	49	0	91203	PAHs[Napth]	1	6.97E-03	2.70E-06	1
49	49	0	100414	Ethylbenzene	1	3.39E-01	2.46E-05	1
49	49	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
49	49	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
49	49	0	108883	Toluene	1	1.52E+00	1.10E-04	1
49	49	0	110543	Hexane	1	0.00E+00	3.69E-06	1
49	49	0	1330207	Xylenes	1	1.05E+00	7.63E-05	1
49	49	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
49	49	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
49	49	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
49	49	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
49	49	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
49	49	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
49	49	0	7440508	Copper	1	0.00E+00	5.62E-07	1
49	49	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
49	49	0	7664417	Ammonia	1	2.91E-03	2.65E-03	1
49	49	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
49	49	0	7783064	Hydrogensulfide	1	6.39E-03	4.66E-07	1
49	49	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
50	50	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
50	50	0	9901	DPM	1	6.71E-01	0.00E+00	1
50	50	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
50	50	0	71432	Benzene	1	3.71E-01	3.08E-05	1
50	50	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
50	50	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
50	50	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
50	50	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
50	50	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
50	50	0	108883	Toluene	1	3.32E-01	2.76E-05	1
50	50	0	110543	Hexane	1	0.00E+00	9.22E-07	1
50	50	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
50	50	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
50	50	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
50	50	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
50	50	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
50	50	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
50	50	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
50	50	0	7440508	Copper	1	0.00E+00	1.41E-07	1
50	50	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
50	50	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
50	50	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
50	50	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
50	50	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
51	51	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
51	51	0	9901	DPM	1	7.59E-01	0.00E+00	1
51	51	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
51	51	0	71432	Benzene	1	8.76E-01	6.16E-05	1
51	51	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
51	51	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
51	51	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
51	51	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
51	51	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
51	51	0	108883	Toluene	1	7.85E-01	5.52E-05	1
51	51	0	110543	Hexane	1	0.00E+00	1.84E-06	1
51	51	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
51	51	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
51	51	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
51	51	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
51	51	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
51	51	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
51	51	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
51	51	0	7440508	Copper	1	0.00E+00	2.81E-07	1
51	51	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
51	51	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
51	51	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
51	51	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
51	51	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
52	52	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
52	52	0	9901	DPM	1	7.59E-01	0.00E+00	1
52	52	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
52	52	0	71432	Benzene	1	9.07E-01	6.16E-05	1
52	52	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
52	52	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
52	52	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
52	52	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
52	52	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
52	52	0	108883	Toluene	1	8.12E-01	5.52E-05	1
52	52	0	110543	Hexane	1	0.00E+00	1.84E-06	1
52	52	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
52	52	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
52	52	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
52	52	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
52	52	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
52	52	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
52	52	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
52	52	0	7440508	Copper	1	0.00E+00	2.81E-07	1
52	52	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
52	52	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
52	52	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
52	52	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
52	52	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
53	53	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
53	53	0	9901	DPM	1	6.71E-01	0.00E+00	1
53	53	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
53	53	0	71432	Benzene	1	3.71E-01	3.08E-05	1
53	53	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
53	53	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
53	53	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
53	53	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
53	53	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
53	53	0	108883	Toluene	1	3.32E-01	2.76E-05	1
53	53	0	110543	Hexane	1	0.00E+00	9.22E-07	1
53	53	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
53	53	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
53	53	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
53	53	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
53	53	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
53	53	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
53	53	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
53	53	0	7440508	Copper	1	0.00E+00	1.41E-07	1
53	53	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
53	53	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
53	53	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
53	53	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
53	53	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
54	54	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
54	54	0	9901	DPM	1	6.71E-01	0.00E+00	1
54	54	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
54	54	0	71432	Benzene	1	4.53E-01	3.08E-05	1
54	54	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
54	54	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
54	54	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
54	54	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
54	54	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
54	54	0	108883	Toluene	1	4.06E-01	2.76E-05	1
54	54	0	110543	Hexane	1	0.00E+00	9.22E-07	1
54	54	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
54	54	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
54	54	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
54	54	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
54	54	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
54	54	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
54	54	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
54	54	0	7440508	Copper	1	0.00E+00	1.41E-07	1
54	54	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
54	54	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
54	54	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
54	54	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
54	54	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
55	55	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
55	55	0	9901	DPM	1	5.82E-01	0.00E+00	1
55	55	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
55	55	0	71432	Benzene	1	5.18E-02	5.92E-06	1
55	55	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
55	55	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
55	55	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
55	55	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
55	55	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
55	55	0	108883	Toluene	1	4.65E-02	5.31E-06	1
55	55	0	110543	Hexane	1	0.00E+00	2.18E-07	1
55	55	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
55	55	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
55	55	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
55	55	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
55	55	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
55	55	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
55	55	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
55	55	0	7440508	Copper	1	0.00E+00	3.32E-08	1
55	55	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
55	55	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
55	55	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
55	55	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
55	55	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
56	56	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
56	56	0	9901	DPM	1	9.26E-02	0.00E+00	1
56	56	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
56	56	0	71432	Benzene	1	4.53E-01	3.08E-05	1
56	56	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
56	56	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
56	56	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
56	56	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
56	56	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
56	56	0	108883	Toluene	1	4.06E-01	2.76E-05	1
56	56	0	110543	Hexane	1	0.00E+00	9.22E-07	1
56	56	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
56	56	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
56	56	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
56	56	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
56	56	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
56	56	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
56	56	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
56	56	0	7440508	Copper	1	0.00E+00	1.41E-07	1
56	56	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
56	56	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
56	56	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
56	56	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
56	56	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
57	57	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
57	57	0	9901	DPM	1	2.70E-01	0.00E+00	1
57	57	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
57	57	0	71432	Benzene	1	1.19E+00	9.24E-05	1
57	57	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
57	57	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
57	57	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
57	57	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
57	57	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
57	57	0	108883	Toluene	1	1.07E+00	8.28E-05	1
57	57	0	110543	Hexane	1	0.00E+00	2.77E-06	1
57	57	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
57	57	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
57	57	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
57	57	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
57	57	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
57	57	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
57	57	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
57	57	0	7440508	Copper	1	0.00E+00	4.22E-07	1
57	57	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
57	57	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
57	57	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
57	57	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
57	57	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
58	58	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
58	58	0	9901	DPM	1	6.71E-01	0.00E+00	1
58	58	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
58	58	0	71432	Benzene	1	4.53E-01	3.08E-05	1
58	58	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
58	58	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
58	58	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
58	58	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
58	58	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
58	58	0	108883	Toluene	1	4.06E-01	2.76E-05	1
58	58	0	110543	Hexane	1	0.00E+00	9.22E-07	1
58	58	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
58	58	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
58	58	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
58	58	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
58	58	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
58	58	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
58	58	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
58	58	0	7440508	Copper	1	0.00E+00	1.41E-07	1
58	58	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
58	58	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
58	58	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
58	58	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
58	58	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
59	59	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
59	59	0	9901	DPM	1	9.37E-01	0.00E+00	1
59	59	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
59	59	0	71432	Benzene	1	1.65E+00	1.23E-04	1
59	59	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
59	59	0	91203	PAHs[Napth]	1	6.75E-03	2.70E-06	1
59	59	0	100414	Ethylbenzene	1	3.29E-01	2.46E-05	1
59	59	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
59	59	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
59	59	0	108883	Toluene	1	1.48E+00	1.10E-04	1
59	59	0	110543	Hexane	1	0.00E+00	3.69E-06	1
59	59	0	1330207	Xylenes	1	1.02E+00	7.63E-05	1
59	59	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
59	59	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
59	59	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
59	59	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
59	59	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
59	59	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
59	59	0	7440508	Copper	1	0.00E+00	5.62E-07	1
59	59	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
59	59	0	7664417	Ammonia	1	2.82E-03	2.65E-03	1
59	59	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
59	59	0	7783064	Hydrogensulfide	1	6.20E-03	4.66E-07	1
59	59	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
60	60	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
60	60	0	9901	DPM	1	6.71E-01	0.00E+00	1
60	60	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
60	60	0	71432	Benzene	1	4.53E-01	3.08E-05	1
60	60	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
60	60	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
60	60	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
60	60	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
60	60	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
60	60	0	108883	Toluene	1	4.06E-01	2.76E-05	1
60	60	0	110543	Hexane	1	0.00E+00	9.22E-07	1
60	60	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
60	60	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
60	60	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
60	60	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
60	60	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
60	60	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
60	60	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
60	60	0	7440508	Copper	1	0.00E+00	1.41E-07	1
60	60	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
60	60	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
60	60	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
60	60	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
60	60	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
61	61	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
61	61	0	9901	DPM	1	6.71E-01	0.00E+00	1
61	61	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
61	61	0	71432	Benzene	1	3.71E-01	3.08E-05	1
61	61	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
61	61	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
61	61	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
61	61	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
61	61	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
61	61	0	108883	Toluene	1	3.32E-01	2.76E-05	1
61	61	0	110543	Hexane	1	0.00E+00	9.22E-07	1
61	61	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
61	61	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
61	61	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
61	61	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
61	61	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
61	61	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
61	61	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
61	61	0	7440508	Copper	1	0.00E+00	1.41E-07	1
61	61	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
61	61	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
61	61	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
61	61	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
61	61	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
62	62	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
62	62	0	9901	DPM	1	6.71E-01	0.00E+00	1
62	62	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
62	62	0	71432	Benzene	1	4.53E-01	3.08E-05	1
62	62	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
62	62	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
62	62	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
62	62	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
62	62	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
62	62	0	108883	Toluene	1	4.06E-01	2.76E-05	1
62	62	0	110543	Hexane	1	0.00E+00	9.22E-07	1
62	62	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
62	62	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
62	62	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
62	62	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
62	62	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
62	62	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
62	62	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
62	62	0	7440508	Copper	1	0.00E+00	1.41E-07	1
62	62	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
62	62	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
62	62	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
62	62	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
62	62	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
63	63	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
63	63	0	9901	DPM	1	6.71E-01	0.00E+00	1
63	63	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
63	63	0	71432	Benzene	1	3.71E-01	3.08E-05	1
63	63	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
63	63	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
63	63	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
63	63	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
63	63	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
63	63	0	108883	Toluene	1	3.32E-01	2.76E-05	1
63	63	0	110543	Hexane	1	0.00E+00	9.22E-07	1
63	63	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
63	63	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
63	63	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
63	63	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
63	63	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
63	63	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
63	63	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
63	63	0	7440508	Copper	1	0.00E+00	1.41E-07	1
63	63	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
63	63	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
63	63	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
63	63	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
63	63	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
64	64	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
64	64	0	9901	DPM	1	6.71E-01	0.00E+00	1
64	64	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
64	64	0	71432	Benzene	1	3.71E-01	3.08E-05	1
64	64	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
64	64	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
64	64	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
64	64	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
64	64	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
64	64	0	108883	Toluene	1	3.32E-01	2.76E-05	1
64	64	0	110543	Hexane	1	0.00E+00	9.22E-07	1
64	64	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
64	64	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
64	64	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
64	64	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
64	64	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
64	64	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
64	64	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
64	64	0	7440508	Copper	1	0.00E+00	1.41E-07	1
64	64	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
64	64	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
64	64	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
64	64	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
64	64	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
65	65	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
65	65	0	9901	DPM	1	1.03E+00	0.00E+00	1
65	65	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
65	65	0	71432	Benzene	1	2.10E+00	1.54E-04	1
65	65	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
65	65	0	91203	PAHs[Napth]	1	8.60E-03	3.38E-06	1
65	65	0	100414	Ethylbenzene	1	4.20E-01	3.07E-05	1
65	65	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
65	65	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
65	65	0	108883	Toluene	1	1.88E+00	1.38E-04	1
65	65	0	110543	Hexane	1	0.00E+00	4.61E-06	1
65	65	0	1330207	Xylenes	1	1.30E+00	9.53E-05	1
65	65	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1
65	65	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
65	65	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
65	65	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
65	65	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
65	65	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
65	65	0	7440508	Copper	1	0.00E+00	7.03E-07	1
65	65	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
65	65	0	7664417	Ammonia	1	3.59E-03	3.31E-03	1
65	65	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
65	65	0	7783064	Hydrogensulfide	1	7.89E-03	5.83E-07	1
65	65	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
66	66	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
66	66	0	9901	DPM	1	5.82E-01	0.00E+00	1
66	66	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
66	66	0	71432	Benzene	1	5.18E-02	5.92E-06	1
66	66	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
66	66	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
66	66	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
66	66	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
66	66	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
66	66	0	108883	Toluene	1	4.65E-02	5.31E-06	1
66	66	0	110543	Hexane	1	0.00E+00	2.18E-07	1
66	66	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
66	66	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
66	66	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
66	66	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
66	66	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
66	66	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
66	66	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
66	66	0	7440508	Copper	1	0.00E+00	3.32E-08	1
66	66	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
66	66	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
66	66	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
66	66	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
66	66	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
67	67	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
67	67	0	9901	DPM	1	8.48E-01	0.00E+00	1
67	67	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
67	67	0	71432	Benzene	1	1.36E+00	9.24E-05	1
67	67	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
67	67	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
67	67	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
67	67	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
67	67	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
67	67	0	108883	Toluene	1	1.22E+00	8.28E-05	1
67	67	0	110543	Hexane	1	0.00E+00	2.77E-06	1
67	67	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
67	67	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
67	67	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
67	67	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
67	67	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
67	67	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
67	67	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
67	67	0	7440508	Copper	1	0.00E+00	4.22E-07	1
67	67	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
67	67	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
67	67	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
67	67	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
67	67	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
68	68	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
68	68	0	9901	DPM	1	7.59E-01	0.00E+00	1
68	68	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
68	68	0	71432	Benzene	1	9.07E-01	6.16E-05	1
68	68	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
68	68	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
68	68	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
68	68	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
68	68	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
68	68	0	108883	Toluene	1	8.12E-01	5.52E-05	1
68	68	0	110543	Hexane	1	0.00E+00	1.84E-06	1
68	68	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
68	68	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
68	68	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
68	68	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
68	68	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
68	68	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
68	68	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
68	68	0	7440508	Copper	1	0.00E+00	2.81E-07	1
68	68	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
68	68	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
68	68	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
68	68	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
68	68	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
69	69	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
69	69	0	9901	DPM	1	8.48E-01	0.00E+00	1
69	69	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
69	69	0	71432	Benzene	1	1.19E+00	9.24E-05	1
69	69	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
69	69	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
69	69	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
69	69	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
69	69	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
69	69	0	108883	Toluene	1	1.07E+00	8.28E-05	1
69	69	0	110543	Hexane	1	0.00E+00	2.77E-06	1
69	69	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
69	69	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
69	69	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
69	69	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
69	69	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
69	69	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
69	69	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
69	69	0	7440508	Copper	1	0.00E+00	4.22E-07	1
69	69	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
69	69	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
69	69	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
69	69	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
69	69	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
70	70	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
70	70	0	9901	DPM	1	8.48E-01	0.00E+00	1
70	70	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
70	70	0	71432	Benzene	1	1.25E+00	9.24E-05	1
70	70	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
70	70	0	91203	PAHs[Napth]	1	5.12E-03	2.03E-06	1
70	70	0	100414	Ethylbenzene	1	2.49E-01	1.84E-05	1
70	70	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
70	70	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
70	70	0	108883	Toluene	1	1.12E+00	8.28E-05	1
70	70	0	110543	Hexane	1	0.00E+00	2.77E-06	1
70	70	0	1330207	Xylenes	1	7.72E-01	5.72E-05	1
70	70	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
70	70	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
70	70	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
70	70	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
70	70	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
70	70	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
70	70	0	7440508	Copper	1	0.00E+00	4.22E-07	1
70	70	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
70	70	0	7664417	Ammonia	1	2.14E-03	1.99E-03	1
70	70	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
70	70	0	7783064	Hydrogensulfide	1	4.70E-03	3.50E-07	1
70	70	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
71	71	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
71	71	0	9901	DPM	1	6.71E-01	0.00E+00	1
71	71	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
71	71	0	71432	Benzene	1	4.53E-01	3.08E-05	1
71	71	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
71	71	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
71	71	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
71	71	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
71	71	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
71	71	0	108883	Toluene	1	4.06E-01	2.76E-05	1
71	71	0	110543	Hexane	1	0.00E+00	9.22E-07	1
71	71	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
71	71	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
71	71	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
71	71	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
71	71	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
71	71	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
71	71	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
71	71	0	7440508	Copper	1	0.00E+00	1.41E-07	1
71	71	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
71	71	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
71	71	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
71	71	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
71	71	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
72	72	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
72	72	0	9901	DPM	1	8.48E-01	0.00E+00	1
72	72	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
72	72	0	71432	Benzene	1	1.28E+00	9.24E-05	1
72	72	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
72	72	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
72	72	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
72	72	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
72	72	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
72	72	0	108883	Toluene	1	1.14E+00	8.28E-05	1
72	72	0	110543	Hexane	1	0.00E+00	2.77E-06	1
72	72	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
72	72	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
72	72	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
72	72	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
72	72	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
72	72	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
72	72	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
72	72	0	7440508	Copper	1	0.00E+00	4.22E-07	1
72	72	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
72	72	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
72	72	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
72	72	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
72	72	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
73	73	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
73	73	0	9901	DPM	1	7.59E-01	0.00E+00	1
73	73	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
73	73	0	71432	Benzene	1	9.58E-01	6.16E-05	1
73	73	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
73	73	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
73	73	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
73	73	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
73	73	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
73	73	0	108883	Toluene	1	8.59E-01	5.52E-05	1
73	73	0	110543	Hexane	1	0.00E+00	1.84E-06	1
73	73	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
73	73	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
73	73	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
73	73	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
73	73	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
73	73	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
73	73	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
73	73	0	7440508	Copper	1	0.00E+00	2.81E-07	1
73	73	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
73	73	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1
73	73	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
73	73	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
73	73	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
74	74	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
74	74	0	9901	DPM	1	6.71E-01	0.00E+00	1
74	74	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
74	74	0	71432	Benzene	1	4.53E-01	3.08E-05	1
74	74	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
74	74	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
74	74	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
74	74	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
74	74	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
74	74	0	108883	Toluene	1	4.06E-01	2.76E-05	1
74	74	0	110543	Hexane	1	0.00E+00	9.22E-07	1
74	74	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
74	74	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
74	74	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
74	74	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
74	74	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
74	74	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
74	74	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
74	74	0	7440508	Copper	1	0.00E+00	1.41E-07	1
74	74	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
74	74	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
74	74	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
74	74	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
74	74	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
75	75	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
75	75	0	9901	DPM	1	6.71E-01	0.00E+00	1
75	75	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
75	75	0	71432	Benzene	1	4.53E-01	3.08E-05	1
75	75	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
75	75	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
75	75	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
75	75	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
75	75	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
75	75	0	108883	Toluene	1	4.06E-01	2.76E-05	1
75	75	0	110543	Hexane	1	0.00E+00	9.22E-07	1
75	75	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
75	75	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
75	75	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
75	75	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
75	75	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
75	75	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
75	75	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
75	75	0	7440508	Copper	1	0.00E+00	1.41E-07	1
75	75	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
75	75	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
75	75	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
75	75	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
75	75	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
76	76	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
76	76	0	9901	DPM	1	6.71E-01	0.00E+00	1
76	76	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
76	76	0	71432	Benzene	1	4.53E-01	3.08E-05	1
76	76	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
76	76	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
76	76	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
76	76	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
76	76	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
76	76	0	108883	Toluene	1	4.06E-01	2.76E-05	1
76	76	0	110543	Hexane	1	0.00E+00	9.22E-07	1
76	76	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
76	76	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
76	76	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
76	76	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
76	76	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
76	76	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
76	76	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
76	76	0	7440508	Copper	1	0.00E+00	1.41E-07	1
76	76	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
76	76	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
76	76	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
76	76	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
76	76	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
77	77	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
77	77	0	9901	DPM	1	6.71E-01	0.00E+00	1
77	77	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
77	77	0	71432	Benzene	1	4.53E-01	3.08E-05	1
77	77	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
77	77	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
77	77	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
77	77	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
77	77	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
77	77	0	108883	Toluene	1	4.06E-01	2.76E-05	1
77	77	0	110543	Hexane	1	0.00E+00	9.22E-07	1
77	77	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
77	77	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
77	77	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
77	77	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
77	77	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
77	77	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
77	77	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
77	77	0	7440508	Copper	1	0.00E+00	1.41E-07	1
77	77	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
77	77	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
77	77	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
77	77	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
77	77	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
78	78	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
78	78	0	9901	DPM	1	6.71E-01	0.00E+00	1
78	78	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
78	78	0	71432	Benzene	1	4.53E-01	3.08E-05	1
78	78	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
78	78	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
78	78	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
78	78	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
78	78	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
78	78	0	108883	Toluene	1	4.06E-01	2.76E-05	1
78	78	0	110543	Hexane	1	0.00E+00	9.22E-07	1
78	78	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
78	78	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
78	78	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
78	78	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
78	78	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
78	78	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
78	78	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
78	78	0	7440508	Copper	1	0.00E+00	1.41E-07	1
78	78	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
78	78	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
78	78	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
78	78	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
78	78	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
79	79	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
79	79	0	9901	DPM	1	5.82E-01	0.00E+00	1
79	79	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
79	79	0	71432	Benzene	1	5.18E-02	5.92E-06	1
79	79	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
79	79	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
79	79	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
79	79	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
79	79	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
79	79	0	108883	Toluene	1	4.65E-02	5.31E-06	1
79	79	0	110543	Hexane	1	0.00E+00	2.18E-07	1
79	79	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
79	79	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
79	79	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
79	79	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
79	79	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
79	79	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
79	79	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
79	79	0	7440508	Copper	1	0.00E+00	3.32E-08	1
79	79	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
79	79	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
79	79	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
79	79	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
79	79	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
80	80	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
80	80	0	9901	DPM	1	2.70E-01	0.00E+00	1
80	80	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
80	80	0	71432	Benzene	1	1.28E+00	9.24E-05	1
80	80	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
80	80	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
80	80	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
80	80	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
80	80	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
80	80	0	108883	Toluene	1	1.14E+00	8.28E-05	1
80	80	0	110543	Hexane	1	0.00E+00	2.77E-06	1
80	80	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
80	80	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
80	80	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
80	80	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
80	80	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
80	80	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
80	80	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
80	80	0	7440508	Copper	1	0.00E+00	4.22E-07	1
80	80	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
80	80	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
80	80	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
80	80	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
80	80	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
81	81	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
81	81	0	9901	DPM	1	5.82E-01	0.00E+00	1
81	81	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
81	81	0	71432	Benzene	1	5.18E-02	5.92E-06	1
81	81	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
81	81	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
81	81	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
81	81	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
81	81	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
81	81	0	108883	Toluene	1	4.65E-02	5.31E-06	1
81	81	0	110543	Hexane	1	0.00E+00	2.18E-07	1
81	81	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
81	81	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
81	81	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
81	81	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
81	81	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
81	81	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
81	81	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
81	81	0	7440508	Copper	1	0.00E+00	3.32E-08	1
81	81	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
81	81	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
81	81	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
81	81	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
81	81	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
82	82	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
82	82	0	9901	DPM	1	6.71E-01	0.00E+00	1
82	82	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
82	82	0	71432	Benzene	1	3.71E-01	3.08E-05	1
82	82	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
82	82	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
82	82	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
82	82	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
82	82	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
82	82	0	108883	Toluene	1	3.32E-01	2.76E-05	1
82	82	0	110543	Hexane	1	0.00E+00	9.22E-07	1
82	82	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
82	82	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
82	82	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
82	82	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
82	82	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
82	82	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
82	82	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
82	82	0	7440508	Copper	1	0.00E+00	1.41E-07	1
82	82	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
82	82	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
82	82	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
82	82	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
82	82	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
83	83	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
83	83	0	9901	DPM	1	6.71E-01	0.00E+00	1
83	83	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
83	83	0	71432	Benzene	1	5.05E-01	3.08E-05	1
83	83	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
83	83	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
83	83	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
83	83	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
83	83	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
83	83	0	108883	Toluene	1	4.53E-01	2.76E-05	1
83	83	0	110543	Hexane	1	0.00E+00	9.22E-07	1
83	83	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
83	83	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
83	83	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
83	83	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
83	83	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
83	83	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
83	83	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
83	83	0	7440508	Copper	1	0.00E+00	1.41E-07	1
83	83	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
83	83	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
83	83	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
83	83	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
83	83	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
84	84	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
84	84	0	9901	DPM	1	6.71E-01	0.00E+00	1
84	84	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
84	84	0	71432	Benzene	1	4.53E-01	3.08E-05	1
84	84	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
84	84	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
84	84	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
84	84	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
84	84	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
84	84	0	108883	Toluene	1	4.06E-01	2.76E-05	1
84	84	0	110543	Hexane	1	0.00E+00	9.22E-07	1
84	84	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
84	84	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
84	84	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
84	84	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
84	84	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
84	84	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
84	84	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
84	84	0	7440508	Copper	1	0.00E+00	1.41E-07	1
84	84	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
84	84	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
84	84	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
84	84	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
84	84	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
85	85	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
85	85	0	9901	DPM	1	7.59E-01	0.00E+00	1
85	85	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
85	85	0	71432	Benzene	1	7.42E-01	6.16E-05	1
85	85	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
85	85	0	91203	PAHs[Napth]	1	3.06E-03	1.35E-06	1
85	85	0	100414	Ethylbenzene	1	1.48E-01	1.23E-05	1
85	85	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
85	85	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
85	85	0	108883	Toluene	1	6.64E-01	5.52E-05	1
85	85	0	110543	Hexane	1	0.00E+00	1.84E-06	1
85	85	0	1330207	Xylenes	1	4.59E-01	3.81E-05	1
85	85	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
85	85	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
85	85	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
85	85	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
85	85	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
85	85	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
85	85	0	7440508	Copper	1	0.00E+00	2.81E-07	1
85	85	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
85	85	0	7664417	Ammonia	1	1.28E-03	1.33E-03	1
85	85	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
85	85	0	7783064	Hydrogensulfide	1	2.81E-03	2.33E-07	1
85	85	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
86	86	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
86	86	0	9901	DPM	1	5.82E-01	0.00E+00	1
86	86	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
86	86	0	71432	Benzene	1	5.18E-02	5.92E-06	1
86	86	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
86	86	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
86	86	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
86	86	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
86	86	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
86	86	0	108883	Toluene	1	4.65E-02	5.31E-06	1
86	86	0	110543	Hexane	1	0.00E+00	2.18E-07	1
86	86	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
86	86	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
86	86	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
86	86	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
86	86	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
86	86	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
86	86	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
86	86	0	7440508	Copper	1	0.00E+00	3.32E-08	1
86	86	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
86	86	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
86	86	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
86	86	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
86	86	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
87	87	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
87	87	0	9901	DPM	1	7.59E-01	0.00E+00	1
87	87	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
87	87	0	71432	Benzene	1	9.07E-01	6.16E-05	1
87	87	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
87	87	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
87	87	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
87	87	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
87	87	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
87	87	0	108883	Toluene	1	8.12E-01	5.52E-05	1
87	87	0	110543	Hexane	1	0.00E+00	1.84E-06	1
87	87	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
87	87	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
87	87	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
87	87	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
87	87	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
87	87	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
87	87	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
87	87	0	7440508	Copper	1	0.00E+00	2.81E-07	1
87	87	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
87	87	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
87	87	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
87	87	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
87	87	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
88	88	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
88	88	0	9901	DPM	1	6.71E-01	0.00E+00	1
88	88	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
88	88	0	71432	Benzene	1	4.53E-01	3.08E-05	1
88	88	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
88	88	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
88	88	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
88	88	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
88	88	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
88	88	0	108883	Toluene	1	4.06E-01	2.76E-05	1
88	88	0	110543	Hexane	1	0.00E+00	9.22E-07	1
88	88	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
88	88	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
88	88	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
88	88	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
88	88	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
88	88	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
88	88	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
88	88	0	7440508	Copper	1	0.00E+00	1.41E-07	1
88	88	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
88	88	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
88	88	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
88	88	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
88	88	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
89	89	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
89	89	0	9901	DPM	1	1.03E+00	0.00E+00	1
89	89	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
89	89	0	71432	Benzene	1	2.15E+00	1.54E-04	1
89	89	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
89	89	0	91203	PAHs[Napth]	1	8.81E-03	3.38E-06	1
89	89	0	100414	Ethylbenzene	1	4.30E-01	3.07E-05	1
89	89	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
89	89	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
89	89	0	108883	Toluene	1	1.93E+00	1.38E-04	1
89	89	0	110543	Hexane	1	0.00E+00	4.61E-06	1
89	89	0	1330207	Xylenes	1	1.33E+00	9.53E-05	1
89	89	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1
89	89	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
89	89	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
89	89	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
89	89	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
89	89	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
89	89	0	7440508	Copper	1	0.00E+00	7.03E-07	1
89	89	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
89	89	0	7664417	Ammonia	1	3.68E-03	3.31E-03	1
89	89	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
89	89	0	7783064	Hydrogensulfide	1	8.09E-03	5.83E-07	1
89	89	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
90	90	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
90	90	0	9901	DPM	1	6.71E-01	0.00E+00	1
90	90	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
90	90	0	71432	Benzene	1	4.53E-01	3.08E-05	1
90	90	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
90	90	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
90	90	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
90	90	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
90	90	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
90	90	0	108883	Toluene	1	4.06E-01	2.76E-05	1
90	90	0	110543	Hexane	1	0.00E+00	9.22E-07	1
90	90	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
90	90	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
90	90	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
90	90	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
90	90	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
90	90	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
90	90	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
90	90	0	7440508	Copper	1	0.00E+00	1.41E-07	1
90	90	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
90	90	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
90	90	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
90	90	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
90	90	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
91	91	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
91	91	0	9901	DPM	1	8.48E-01	0.00E+00	1
91	91	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
91	91	0	71432	Benzene	1	1.28E+00	9.24E-05	1
91	91	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
91	91	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
91	91	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
91	91	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
91	91	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
91	91	0	108883	Toluene	1	1.14E+00	8.28E-05	1
91	91	0	110543	Hexane	1	0.00E+00	2.77E-06	1
91	91	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
91	91	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
91	91	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
91	91	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
91	91	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
91	91	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
91	91	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
91	91	0	7440508	Copper	1	0.00E+00	4.22E-07	1
91	91	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
91	91	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
91	91	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
91	91	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
91	91	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
92	92	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
92	92	0	9901	DPM	1	1.81E-01	0.00E+00	1
92	92	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
92	92	0	71432	Benzene	1	9.07E-01	6.16E-05	1
92	92	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
92	92	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
92	92	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
92	92	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
92	92	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
92	92	0	108883	Toluene	1	8.12E-01	5.52E-05	1
92	92	0	110543	Hexane	1	0.00E+00	1.84E-06	1
92	92	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
92	92	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
92	92	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
92	92	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
92	92	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
92	92	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
92	92	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
92	92	0	7440508	Copper	1	0.00E+00	2.81E-07	1
92	92	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
92	92	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
92	92	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
92	92	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
92	92	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
93	93	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
93	93	0	9901	DPM	1	3.93E-03	0.00E+00	1
93	93	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
93	93	0	71432	Benzene	1	5.18E-02	5.92E-06	1
93	93	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
93	93	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
93	93	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
93	93	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
93	93	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
93	93	0	108883	Toluene	1	4.65E-02	5.31E-06	1
93	93	0	110543	Hexane	1	0.00E+00	3.63E-09	1
93	93	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
93	93	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
93	93	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
93	93	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
93	93	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
93	93	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
93	93	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
93	93	0	7440508	Copper	1	0.00E+00	5.54E-10	1
93	93	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
93	93	0	7664417	Ammonia	1	8.94E-05	3.92E-06	1
93	93	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
93	93	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
93	93	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
94	94	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
94	94	0	9901	DPM	1	9.26E-02	0.00E+00	1
94	94	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
94	94	0	71432	Benzene	1	3.71E-01	3.08E-05	1
94	94	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
94	94	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
94	94	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
94	94	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
94	94	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
94	94	0	108883	Toluene	1	3.32E-01	2.76E-05	1
94	94	0	110543	Hexane	1	0.00E+00	9.22E-07	1
94	94	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
94	94	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
94	94	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
94	94	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
94	94	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
94	94	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
94	94	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
94	94	0	7440508	Copper	1	0.00E+00	1.41E-07	1
94	94	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
94	94	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
94	94	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
94	94	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
94	94	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
95	95	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
95	95	0	9901	DPM	1	9.26E-02	0.00E+00	1
95	95	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
95	95	0	71432	Benzene	1	4.53E-01	3.08E-05	1
95	95	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
95	95	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
95	95	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
95	95	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
95	95	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
95	95	0	108883	Toluene	1	4.06E-01	2.76E-05	1
95	95	0	110543	Hexane	1	0.00E+00	9.22E-07	1
95	95	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
95	95	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
95	95	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
95	95	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
95	95	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
95	95	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
95	95	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
95	95	0	7440508	Copper	1	0.00E+00	1.41E-07	1
95	95	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
95	95	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
95	95	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
95	95	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
95	95	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
96	96	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
96	96	0	9901	DPM	1	9.26E-02	0.00E+00	1
96	96	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
96	96	0	71432	Benzene	1	4.53E-01	3.08E-05	1
96	96	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
96	96	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
96	96	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
96	96	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
96	96	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
96	96	0	108883	Toluene	1	4.06E-01	2.76E-05	1
96	96	0	110543	Hexane	1	0.00E+00	9.22E-07	1
96	96	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
96	96	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
96	96	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
96	96	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
96	96	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
96	96	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
96	96	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
96	96	0	7440508	Copper	1	0.00E+00	1.41E-07	1
96	96	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
96	96	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
96	96	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
96	96	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
96	96	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
97	97	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
97	97	0	9901	DPM	1	8.48E-01	0.00E+00	1
97	97	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
97	97	0	71432	Benzene	1	1.19E+00	9.24E-05	1
97	97	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
97	97	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
97	97	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
97	97	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
97	97	0	107028	Acrolein	1	0.00E+00	3.49E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
97	97	0	108883	Toluene	1	1.07E+00	8.28E-05	1
97	97	0	110543	Hexane	1	0.00E+00	2.77E-06	1
97	97	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
97	97	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
97	97	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
97	97	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
97	97	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
97	97	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
97	97	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
97	97	0	7440508	Copper	1	0.00E+00	4.22E-07	1
97	97	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
97	97	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
97	97	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
97	97	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
97	97	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
98	98	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
98	98	0	9901	DPM	1	8.48E-01	0.00E+00	1
98	98	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
98	98	0	71432	Benzene	1	1.41E+00	9.24E-05	1
98	98	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
98	98	0	91203	PAHs[Napth]	1	5.75E-03	2.03E-06	1
98	98	0	100414	Ethylbenzene	1	2.82E-01	1.84E-05	1
98	98	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
98	98	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
98	98	0	108883	Toluene	1	1.26E+00	8.28E-05	1
98	98	0	110543	Hexane	1	0.00E+00	2.77E-06	1
98	98	0	1330207	Xylenes	1	8.75E-01	5.72E-05	1
98	98	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
98	98	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
98	98	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
98	98	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
98	98	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
98	98	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
98	98	0	7440508	Copper	1	0.00E+00	4.22E-07	1
98	98	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
98	98	0	7664417	Ammonia	1	2.40E-03	1.99E-03	1
98	98	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
98	98	0	7783064	Hydrogensulfide	1	5.28E-03	3.50E-07	1
98	98	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
99	99	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
99	99	0	9901	DPM	1	8.48E-01	0.00E+00	1
99	99	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
99	99	0	71432	Benzene	1	1.36E+00	9.24E-05	1
99	99	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
99	99	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
99	99	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
99	99	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
99	99	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
99	99	0	108883	Toluene	1	1.22E+00	8.28E-05	1
99	99	0	110543	Hexane	1	0.00E+00	2.77E-06	1
99	99	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
99	99	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
99	99	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
99	99	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
99	99	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
99	99	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
99	99	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
99	99	0	7440508	Copper	1	0.00E+00	4.22E-07	1
99	99	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
99	99	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
99	99	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
99	99	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
99	99	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
100	100	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
100	100	0	9901	DPM	1	9.26E-02	0.00E+00	1
100	100	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
100	100	0	71432	Benzene	1	4.53E-01	3.08E-05	1
100	100	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
100	100	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
100	100	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
100	100	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
100	100	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
100	100	0	108883	Toluene	1	4.06E-01	2.76E-05	1
100	100	0	110543	Hexane	1	0.00E+00	9.22E-07	1
100	100	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
100	100	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
100	100	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
100	100	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
100	100	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
100	100	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
100	100	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
100	100	0	7440508	Copper	1	0.00E+00	1.41E-07	1
100	100	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
100	100	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
100	100	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
100	100	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
100	100	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
101	101	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
101	101	0	9901	DPM	1	1.81E-01	0.00E+00	1
101	101	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
101	101	0	71432	Benzene	1	8.24E-01	6.16E-05	1
101	101	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
101	101	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
101	101	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
101	101	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
101	101	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
101	101	0	108883	Toluene	1	7.38E-01	5.52E-05	1
101	101	0	110543	Hexane	1	0.00E+00	1.84E-06	1
101	101	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
101	101	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
101	101	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
101	101	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
101	101	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
101	101	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
101	101	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
101	101	0	7440508	Copper	1	0.00E+00	2.81E-07	1
101	101	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
101	101	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
101	101	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
101	101	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
101	101	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
102	102	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
102	102	0	9901	DPM	1	7.59E-01	0.00E+00	1
102	102	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
102	102	0	71432	Benzene	1	9.07E-01	6.16E-05	1
102	102	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
102	102	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
102	102	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
102	102	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
102	102	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
102	102	0	108883	Toluene	1	8.12E-01	5.52E-05	1
102	102	0	110543	Hexane	1	0.00E+00	1.84E-06	1
102	102	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
102	102	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
102	102	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
102	102	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
102	102	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
102	102	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
102	102	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
102	102	0	7440508	Copper	1	0.00E+00	2.81E-07	1
102	102	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
102	102	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
102	102	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
102	102	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
102	102	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
103	103	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
103	103	0	9901	DPM	1	6.71E-01	0.00E+00	1
103	103	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
103	103	0	71432	Benzene	1	3.71E-01	3.08E-05	1
103	103	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
103	103	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
103	103	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
103	103	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
103	103	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
103	103	0	108883	Toluene	1	3.32E-01	2.76E-05	1
103	103	0	110543	Hexane	1	0.00E+00	9.22E-07	1
103	103	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
103	103	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
103	103	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
103	103	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
103	103	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
103	103	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
103	103	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
103	103	0	7440508	Copper	1	0.00E+00	1.41E-07	1
103	103	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
103	103	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
103	103	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
103	103	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
103	103	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
104	104	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
104	104	0	9901	DPM	1	6.71E-01	0.00E+00	1
104	104	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
104	104	0	71432	Benzene	1	4.53E-01	3.08E-05	1
104	104	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
104	104	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
104	104	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
104	104	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
104	104	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
104	104	0	108883	Toluene	1	4.06E-01	2.76E-05	1
104	104	0	110543	Hexane	1	0.00E+00	9.22E-07	1
104	104	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
104	104	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
104	104	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
104	104	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
104	104	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
104	104	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
104	104	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
104	104	0	7440508	Copper	1	0.00E+00	1.41E-07	1
104	104	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
104	104	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
104	104	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
104	104	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
104	104	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
105	105	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
105	105	0	9901	DPM	1	6.71E-01	0.00E+00	1
105	105	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
105	105	0	71432	Benzene	1	4.53E-01	3.08E-05	1
105	105	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
105	105	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
105	105	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
105	105	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
105	105	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
105	105	0	108883	Toluene	1	4.06E-01	2.76E-05	1
105	105	0	110543	Hexane	1	0.00E+00	9.22E-07	1
105	105	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
105	105	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
105	105	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
105	105	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
105	105	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
105	105	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
105	105	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
105	105	0	7440508	Copper	1	0.00E+00	1.41E-07	1
105	105	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
105	105	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
105	105	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
105	105	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
105	105	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
106	106	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
106	106	0	9901	DPM	1	7.59E-01	0.00E+00	1
106	106	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
106	106	0	71432	Benzene	1	8.24E-01	6.16E-05	1
106	106	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
106	106	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
106	106	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
106	106	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
106	106	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
106	106	0	108883	Toluene	1	7.38E-01	5.52E-05	1
106	106	0	110543	Hexane	1	0.00E+00	1.84E-06	1
106	106	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
106	106	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
106	106	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
106	106	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
106	106	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
106	106	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
106	106	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
106	106	0	7440508	Copper	1	0.00E+00	2.81E-07	1
106	106	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
106	106	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
106	106	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
106	106	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
106	106	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
107	107	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
107	107	0	9901	DPM	1	8.48E-01	0.00E+00	1
107	107	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
107	107	0	71432	Benzene	1	1.19E+00	9.24E-05	1
107	107	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
107	107	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
107	107	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
107	107	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
107	107	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
107	107	0	108883	Toluene	1	1.07E+00	8.28E-05	1
107	107	0	110543	Hexane	1	0.00E+00	2.77E-06	1
107	107	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
107	107	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
107	107	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
107	107	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
107	107	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
107	107	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
107	107	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
107	107	0	7440508	Copper	1	0.00E+00	4.22E-07	1
107	107	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
107	107	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
107	107	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
107	107	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
107	107	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
108	108	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
108	108	0	9901	DPM	1	1.81E-01	0.00E+00	1
108	108	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
108	108	0	71432	Benzene	1	9.07E-01	6.16E-05	1
108	108	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
108	108	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
108	108	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
108	108	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
108	108	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
108	108	0	108883	Toluene	1	8.12E-01	5.52E-05	1
108	108	0	110543	Hexane	1	0.00E+00	1.84E-06	1
108	108	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
108	108	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
108	108	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
108	108	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
108	108	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
108	108	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
108	108	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
108	108	0	7440508	Copper	1	0.00E+00	2.81E-07	1
108	108	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
108	108	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
108	108	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
108	108	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
108	108	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
109	109	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
109	109	0	9901	DPM	1	1.81E-01	0.00E+00	1
109	109	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
109	109	0	71432	Benzene	1	9.80E-01	6.16E-05	1
109	109	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
109	109	0	91203	PAHs[Napth]	1	4.02E-03	1.35E-06	1
109	109	0	100414	Ethylbenzene	1	1.96E-01	1.23E-05	1
109	109	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
109	109	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
109	109	0	108883	Toluene	1	8.78E-01	5.52E-05	1
109	109	0	110543	Hexane	1	0.00E+00	1.84E-06	1
109	109	0	1330207	Xylenes	1	6.07E-01	3.81E-05	1
109	109	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
109	109	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
109	109	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
109	109	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
109	109	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
109	109	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
109	109	0	7440508	Copper	1	0.00E+00	2.81E-07	1
109	109	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
109	109	0	7664417	Ammonia	1	1.68E-03	1.33E-03	1
109	109	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
109	109	0	7783064	Hydrogensulfide	1	3.69E-03	2.33E-07	1
109	109	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
110	110	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
110	110	0	9901	DPM	1	6.71E-01	0.00E+00	1
110	110	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
110	110	0	71432	Benzene	1	4.53E-01	3.08E-05	1
110	110	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
110	110	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
110	110	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
110	110	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
110	110	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
110	110	0	108883	Toluene	1	4.06E-01	2.76E-05	1
110	110	0	110543	Hexane	1	0.00E+00	9.22E-07	1
110	110	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
110	110	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
110	110	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
110	110	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
110	110	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
110	110	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
110	110	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
110	110	0	7440508	Copper	1	0.00E+00	1.41E-07	1
110	110	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
110	110	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
110	110	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
110	110	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
110	110	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
111	111	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
111	111	0	9901	DPM	1	7.59E-01	0.00E+00	1
111	111	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
111	111	0	71432	Benzene	1	7.42E-01	6.16E-05	1
111	111	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
111	111	0	91203	PAHs[Napth]	1	3.06E-03	1.35E-06	1
111	111	0	100414	Ethylbenzene	1	1.48E-01	1.23E-05	1
111	111	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
111	111	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
111	111	0	108883	Toluene	1	6.64E-01	5.52E-05	1
111	111	0	110543	Hexane	1	0.00E+00	1.84E-06	1
111	111	0	1330207	Xylenes	1	4.59E-01	3.81E-05	1
111	111	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
111	111	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
111	111	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
111	111	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
111	111	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
111	111	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
111	111	0	7440508	Copper	1	0.00E+00	2.81E-07	1
111	111	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
111	111	0	7664417	Ammonia	1	1.28E-03	1.33E-03	1
111	111	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
111	111	0	7783064	Hydrogensulfide	1	2.81E-03	2.33E-07	1
111	111	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
112	112	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
112	112	0	9901	DPM	1	6.71E-01	0.00E+00	1
112	112	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
112	112	0	71432	Benzene	1	4.53E-01	3.08E-05	1
112	112	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
112	112	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
112	112	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
112	112	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
112	112	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
112	112	0	108883	Toluene	1	4.06E-01	2.76E-05	1
112	112	0	110543	Hexane	1	0.00E+00	9.22E-07	1
112	112	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
112	112	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
112	112	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
112	112	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
112	112	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
112	112	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
112	112	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
112	112	0	7440508	Copper	1	0.00E+00	1.41E-07	1
112	112	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
112	112	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
112	112	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
112	112	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
112	112	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
113	113	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
113	113	0	9901	DPM	1	6.71E-01	0.00E+00	1
113	113	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
113	113	0	71432	Benzene	1	5.05E-01	3.08E-05	1
113	113	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
113	113	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
113	113	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
113	113	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
113	113	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
113	113	0	108883	Toluene	1	4.53E-01	2.76E-05	1
113	113	0	110543	Hexane	1	0.00E+00	9.22E-07	1
113	113	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
113	113	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
113	113	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
113	113	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
113	113	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
113	113	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
113	113	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
113	113	0	7440508	Copper	1	0.00E+00	1.41E-07	1
113	113	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
113	113	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
113	113	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
113	113	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
113	113	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
114	114	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
114	114	0	9901	DPM	1	7.59E-01	0.00E+00	1
114	114	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
114	114	0	71432	Benzene	1	9.80E-01	6.16E-05	1
114	114	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
114	114	0	91203	PAHs[Napth]	1	4.02E-03	1.35E-06	1
114	114	0	100414	Ethylbenzene	1	1.96E-01	1.23E-05	1
114	114	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
114	114	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
114	114	0	108883	Toluene	1	8.78E-01	5.52E-05	1
114	114	0	110543	Hexane	1	0.00E+00	1.84E-06	1
114	114	0	1330207	Xylenes	1	6.07E-01	3.81E-05	1
114	114	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
114	114	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
114	114	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
114	114	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
114	114	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
114	114	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
114	114	0	7440508	Copper	1	0.00E+00	2.81E-07	1
114	114	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
114	114	0	7664417	Ammonia	1	1.68E-03	1.33E-03	1
114	114	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
114	114	0	7783064	Hydrogensulfide	1	3.69E-03	2.33E-07	1
114	114	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
115	115	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
115	115	0	9901	DPM	1	8.48E-01	0.00E+00	1
115	115	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
115	115	0	71432	Benzene	1	1.28E+00	9.24E-05	1
115	115	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
115	115	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
115	115	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
115	115	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
115	115	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
115	115	0	108883	Toluene	1	1.14E+00	8.28E-05	1
115	115	0	110543	Hexane	1	0.00E+00	2.77E-06	1
115	115	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
115	115	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
115	115	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
115	115	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
115	115	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
115	115	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
115	115	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
115	115	0	7440508	Copper	1	0.00E+00	4.22E-07	1
115	115	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
115	115	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
115	115	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
115	115	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
115	115	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
116	116	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
116	116	0	9901	DPM	1	7.59E-01	0.00E+00	1
116	116	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
116	116	0	71432	Benzene	1	9.07E-01	6.16E-05	1
116	116	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
116	116	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
116	116	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
116	116	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
116	116	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
116	116	0	108883	Toluene	1	8.12E-01	5.52E-05	1
116	116	0	110543	Hexane	1	0.00E+00	1.84E-06	1
116	116	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
116	116	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
116	116	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
116	116	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
116	116	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
116	116	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
116	116	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
116	116	0	7440508	Copper	1	0.00E+00	2.81E-07	1
116	116	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
116	116	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
116	116	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
116	116	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
116	116	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
117	117	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
117	117	0	9901	DPM	1	6.71E-01	0.00E+00	1
117	117	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
117	117	0	71432	Benzene	1	4.53E-01	3.08E-05	1
117	117	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
117	117	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
117	117	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
117	117	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
117	117	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
117	117	0	108883	Toluene	1	4.06E-01	2.76E-05	1
117	117	0	110543	Hexane	1	0.00E+00	9.22E-07	1
117	117	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
117	117	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
117	117	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
117	117	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
117	117	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
117	117	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
117	117	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
117	117	0	7440508	Copper	1	0.00E+00	1.41E-07	1
117	117	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
117	117	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
117	117	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
117	117	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
117	117	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
118	118	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
118	118	0	9901	DPM	1	9.26E-02	0.00E+00	1
118	118	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
118	118	0	71432	Benzene	1	4.53E-01	3.08E-05	1
118	118	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
118	118	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
118	118	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
118	118	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
118	118	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
118	118	0	108883	Toluene	1	4.06E-01	2.76E-05	1
118	118	0	110543	Hexane	1	0.00E+00	9.22E-07	1
118	118	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
118	118	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
118	118	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
118	118	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
118	118	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
118	118	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
118	118	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
118	118	0	7440508	Copper	1	0.00E+00	1.41E-07	1
118	118	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
118	118	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
118	118	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
118	118	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
118	118	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
119	119	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
119	119	0	9901	DPM	1	6.71E-01	0.00E+00	1
119	119	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
119	119	0	71432	Benzene	1	4.23E-01	3.08E-05	1
119	119	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
119	119	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
119	119	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
119	119	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
119	119	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
119	119	0	108883	Toluene	1	3.79E-01	2.76E-05	1
119	119	0	110543	Hexane	1	0.00E+00	9.22E-07	1
119	119	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
119	119	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
119	119	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
119	119	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
119	119	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
119	119	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
119	119	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
119	119	0	7440508	Copper	1	0.00E+00	1.41E-07	1
119	119	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
119	119	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
119	119	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
119	119	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
119	119	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
120	120	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
120	120	0	9901	DPM	1	9.26E-02	0.00E+00	1
120	120	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
120	120	0	71432	Benzene	1	4.53E-01	3.08E-05	1
120	120	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
120	120	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
120	120	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
120	120	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
120	120	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
120	120	0	108883	Toluene	1	4.06E-01	2.76E-05	1
120	120	0	110543	Hexane	1	0.00E+00	9.22E-07	1
120	120	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
120	120	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
120	120	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
120	120	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
120	120	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
120	120	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
120	120	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
120	120	0	7440508	Copper	1	0.00E+00	1.41E-07	1
120	120	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
120	120	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
120	120	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
120	120	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
120	120	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
121	121	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
121	121	0	9901	DPM	1	8.48E-01	0.00E+00	1
121	121	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
121	121	0	71432	Benzene	1	1.33E+00	9.24E-05	1
121	121	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
121	121	0	91203	PAHs[Napth]	1	5.44E-03	2.03E-06	1
121	121	0	100414	Ethylbenzene	1	2.65E-01	1.84E-05	1
121	121	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
121	121	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
121	121	0	108883	Toluene	1	1.19E+00	8.28E-05	1
121	121	0	110543	Hexane	1	0.00E+00	2.77E-06	1
121	121	0	1330207	Xylenes	1	8.23E-01	5.72E-05	1
121	121	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
121	121	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
121	121	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
121	121	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
121	121	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
121	121	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
121	121	0	7440508	Copper	1	0.00E+00	4.22E-07	1
121	121	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
121	121	0	7664417	Ammonia	1	2.27E-03	1.99E-03	1
121	121	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
121	121	0	7783064	Hydrogensulfide	1	4.99E-03	3.50E-07	1
121	121	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
122	122	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
122	122	0	9901	DPM	1	6.71E-01	0.00E+00	1
122	122	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
122	122	0	71432	Benzene	1	3.71E-01	3.08E-05	1
122	122	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
122	122	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
122	122	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
122	122	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
122	122	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
122	122	0	108883	Toluene	1	3.32E-01	2.76E-05	1
122	122	0	110543	Hexane	1	0.00E+00	9.22E-07	1
122	122	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
122	122	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
122	122	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
122	122	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
122	122	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
122	122	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
122	122	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
122	122	0	7440508	Copper	1	0.00E+00	1.41E-07	1
122	122	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
122	122	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
122	122	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
122	122	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
122	122	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
123	123	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
123	123	0	9901	DPM	1	6.71E-01	0.00E+00	1
123	123	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
123	123	0	71432	Benzene	1	3.71E-01	3.08E-05	1
123	123	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
123	123	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
123	123	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
123	123	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
123	123	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
123	123	0	108883	Toluene	1	3.32E-01	2.76E-05	1
123	123	0	110543	Hexane	1	0.00E+00	9.22E-07	1
123	123	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
123	123	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
123	123	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
123	123	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
123	123	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
123	123	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
123	123	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
123	123	0	7440508	Copper	1	0.00E+00	1.41E-07	1
123	123	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
123	123	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
123	123	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
123	123	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
123	123	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
124	124	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
124	124	0	9901	DPM	1	6.71E-01	0.00E+00	1
124	124	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
124	124	0	71432	Benzene	1	4.53E-01	3.08E-05	1
124	124	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
124	124	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
124	124	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
124	124	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
124	124	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
124	124	0	108883	Toluene	1	4.06E-01	2.76E-05	1
124	124	0	110543	Hexane	1	0.00E+00	9.22E-07	1
124	124	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
124	124	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
124	124	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
124	124	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
124	124	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
124	124	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
124	124	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
124	124	0	7440508	Copper	1	0.00E+00	1.41E-07	1
124	124	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
124	124	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
124	124	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
124	124	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
124	124	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
125	125	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
125	125	0	9901	DPM	1	8.48E-01	0.00E+00	1
125	125	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
125	125	0	71432	Benzene	1	1.33E+00	9.24E-05	1
125	125	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
125	125	0	91203	PAHs[Napth]	1	5.44E-03	2.03E-06	1
125	125	0	100414	Ethylbenzene	1	2.65E-01	1.84E-05	1
125	125	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
125	125	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
125	125	0	108883	Toluene	1	1.19E+00	8.28E-05	1
125	125	0	110543	Hexane	1	0.00E+00	2.77E-06	1
125	125	0	1330207	Xylenes	1	8.23E-01	5.72E-05	1
125	125	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
125	125	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
125	125	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
125	125	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
125	125	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
125	125	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
125	125	0	7440508	Copper	1	0.00E+00	4.22E-07	1
125	125	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
125	125	0	7664417	Ammonia	1	2.27E-03	1.99E-03	1
125	125	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
125	125	0	7783064	Hydrogensulfide	1	4.99E-03	3.50E-07	1
125	125	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
126	126	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
126	126	0	9901	DPM	1	7.59E-01	0.00E+00	1
126	126	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
126	126	0	71432	Benzene	1	9.07E-01	6.16E-05	1
126	126	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
126	126	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
126	126	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
126	126	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
126	126	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
126	126	0	108883	Toluene	1	8.12E-01	5.52E-05	1
126	126	0	110543	Hexane	1	0.00E+00	1.84E-06	1
126	126	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
126	126	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
126	126	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
126	126	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
126	126	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
126	126	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
126	126	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
126	126	0	7440508	Copper	1	0.00E+00	2.81E-07	1
126	126	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
126	126	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
126	126	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
126	126	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
126	126	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
127	127	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
127	127	0	9901	DPM	1	9.37E-01	0.00E+00	1
127	127	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
127	127	0	71432	Benzene	1	1.73E+00	1.23E-04	1
127	127	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
127	127	0	91203	PAHs[Napth]	1	7.07E-03	2.70E-06	1
127	127	0	100414	Ethylbenzene	1	3.46E-01	2.46E-05	1
127	127	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
127	127	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
127	127	0	108883	Toluene	1	1.55E+00	1.10E-04	1
127	127	0	110543	Hexane	1	0.00E+00	3.69E-06	1
127	127	0	1330207	Xylenes	1	1.07E+00	7.63E-05	1
127	127	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
127	127	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
127	127	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
127	127	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
127	127	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
127	127	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
127	127	0	7440508	Copper	1	0.00E+00	5.62E-07	1
127	127	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
127	127	0	7664417	Ammonia	1	2.95E-03	2.65E-03	1
127	127	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
127	127	0	7783064	Hydrogensulfide	1	6.49E-03	4.66E-07	1
127	127	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
128	128	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
128	128	0	9901	DPM	1	6.71E-01	0.00E+00	1
128	128	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
128	128	0	71432	Benzene	1	3.71E-01	3.08E-05	1
128	128	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
128	128	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
128	128	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
128	128	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
128	128	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
128	128	0	108883	Toluene	1	3.32E-01	2.76E-05	1
128	128	0	110543	Hexane	1	0.00E+00	9.22E-07	1
128	128	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
128	128	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
128	128	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
128	128	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
128	128	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
128	128	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
128	128	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
128	128	0	7440508	Copper	1	0.00E+00	1.41E-07	1
128	128	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
128	128	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
128	128	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
128	128	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
128	128	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
129	129	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
129	129	0	9901	DPM	1	8.91E-02	0.00E+00	1
129	129	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
129	129	0	71432	Benzene	1	3.71E-01	3.08E-05	1
129	129	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
129	129	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
129	129	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
129	129	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
129	129	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
129	129	0	108883	Toluene	1	3.32E-01	2.76E-05	1
129	129	0	110543	Hexane	1	0.00E+00	9.22E-07	1
129	129	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
129	129	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
129	129	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
129	129	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
129	129	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
129	129	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
129	129	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
129	129	0	7440508	Copper	1	0.00E+00	1.41E-07	1
129	129	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
129	129	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
129	129	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
129	129	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
129	129	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
130	130	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
130	130	0	9901	DPM	1	1.81E-01	0.00E+00	1
130	130	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
130	130	0	71432	Benzene	1	7.42E-01	6.16E-05	1
130	130	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
130	130	0	91203	PAHs[Napth]	1	3.06E-03	1.35E-06	1
130	130	0	100414	Ethylbenzene	1	1.48E-01	1.23E-05	1
130	130	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
130	130	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
130	130	0	108883	Toluene	1	6.64E-01	5.52E-05	1
130	130	0	110543	Hexane	1	0.00E+00	1.84E-06	1
130	130	0	1330207	Xylenes	1	4.59E-01	3.81E-05	1
130	130	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
130	130	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
130	130	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
130	130	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
130	130	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
130	130	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
130	130	0	7440508	Copper	1	0.00E+00	2.81E-07	1
130	130	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
130	130	0	7664417	Ammonia	1	1.28E-03	1.33E-03	1
130	130	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
130	130	0	7783064	Hydrogensulfide	1	2.81E-03	2.33E-07	1
130	130	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
131	131	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
131	131	0	9901	DPM	1	9.26E-02	0.00E+00	1
131	131	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
131	131	0	71432	Benzene	1	5.05E-01	3.08E-05	1
131	131	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
131	131	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
131	131	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
131	131	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
131	131	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
131	131	0	108883	Toluene	1	4.53E-01	2.76E-05	1
131	131	0	110543	Hexane	1	0.00E+00	9.22E-07	1
131	131	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
131	131	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
131	131	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
131	131	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
131	131	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
131	131	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
131	131	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
131	131	0	7440508	Copper	1	0.00E+00	1.41E-07	1
131	131	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
131	131	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
131	131	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
131	131	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
131	131	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
132	132	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
132	132	0	9901	DPM	1	5.82E-01	0.00E+00	1
132	132	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
132	132	0	71432	Benzene	1	5.18E-02	5.92E-06	1
132	132	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
132	132	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
132	132	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
132	132	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
132	132	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
132	132	0	108883	Toluene	1	4.65E-02	5.31E-06	1
132	132	0	110543	Hexane	1	0.00E+00	2.18E-07	1
132	132	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
132	132	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
132	132	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
132	132	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
132	132	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
132	132	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
132	132	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
132	132	0	7440508	Copper	1	0.00E+00	3.32E-08	1
132	132	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
132	132	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
132	132	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
132	132	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
132	132	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
133	133	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
133	133	0	9901	DPM	1	7.59E-01	0.00E+00	1
133	133	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
133	133	0	71432	Benzene	1	8.76E-01	6.16E-05	1
133	133	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
133	133	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
133	133	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
133	133	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
133	133	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
133	133	0	108883	Toluene	1	7.85E-01	5.52E-05	1
133	133	0	110543	Hexane	1	0.00E+00	1.84E-06	1
133	133	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
133	133	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
133	133	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
133	133	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
133	133	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
133	133	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
133	133	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
133	133	0	7440508	Copper	1	0.00E+00	2.81E-07	1
133	133	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
133	133	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
133	133	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
133	133	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
133	133	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
134	134	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
134	134	0	9901	DPM	1	8.48E-01	0.00E+00	1
134	134	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
134	134	0	71432	Benzene	1	1.33E+00	9.24E-05	1
134	134	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
134	134	0	91203	PAHs[Napth]	1	5.44E-03	2.03E-06	1
134	134	0	100414	Ethylbenzene	1	2.65E-01	1.84E-05	1
134	134	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
134	134	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
134	134	0	108883	Toluene	1	1.19E+00	8.28E-05	1
134	134	0	110543	Hexane	1	0.00E+00	2.77E-06	1
134	134	0	1330207	Xylenes	1	8.23E-01	5.72E-05	1
134	134	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
134	134	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
134	134	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
134	134	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
134	134	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
134	134	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
134	134	0	7440508	Copper	1	0.00E+00	4.22E-07	1
134	134	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
134	134	0	7664417	Ammonia	1	2.27E-03	1.99E-03	1
134	134	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
134	134	0	7783064	Hydrogensulfide	1	4.99E-03	3.50E-07	1
134	134	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
135	135	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
135	135	0	9901	DPM	1	9.37E-01	0.00E+00	1
135	135	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
135	135	0	71432	Benzene	1	1.65E+00	1.23E-04	1
135	135	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
135	135	0	91203	PAHs[Napth]	1	6.75E-03	2.70E-06	1
135	135	0	100414	Ethylbenzene	1	3.29E-01	2.46E-05	1
135	135	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
135	135	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
135	135	0	108883	Toluene	1	1.48E+00	1.10E-04	1
135	135	0	110543	Hexane	1	0.00E+00	3.69E-06	1
135	135	0	1330207	Xylenes	1	1.02E+00	7.63E-05	1
135	135	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
135	135	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
135	135	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
135	135	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
135	135	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
135	135	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
135	135	0	7440508	Copper	1	0.00E+00	5.62E-07	1
135	135	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
135	135	0	7664417	Ammonia	1	2.82E-03	2.65E-03	1
135	135	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
135	135	0	7783064	Hydrogensulfide	1	6.20E-03	4.66E-07	1
135	135	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
136	136	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
136	136	0	9901	DPM	1	7.59E-01	0.00E+00	1
136	136	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
136	136	0	71432	Benzene	1	1.06E+00	6.16E-05	1
136	136	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
136	136	0	91203	PAHs[Napth]	1	4.34E-03	1.35E-06	1
136	136	0	100414	Ethylbenzene	1	2.12E-01	1.23E-05	1
136	136	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
136	136	0	107028	Acrolein	1	0.00E+00	2.32E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
136	136	0	108883	Toluene	1	9.52E-01	5.52E-05	1
136	136	0	110543	Hexane	1	0.00E+00	1.84E-06	1
136	136	0	1330207	Xylenes	1	6.58E-01	3.81E-05	1
136	136	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
136	136	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
136	136	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
136	136	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
136	136	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
136	136	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
136	136	0	7440508	Copper	1	0.00E+00	2.81E-07	1
136	136	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
136	136	0	7664417	Ammonia	1	1.81E-03	1.33E-03	1
136	136	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
136	136	0	7783064	Hydrogensulfide	1	3.98E-03	2.33E-07	1
136	136	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
137	137	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-05	1
137	137	0	9901	DPM	1	1.47E+00	0.00E+00	1
137	137	0	50000	Formaldehyde	1	0.00E+00	5.92E-04	1
137	137	0	71432	Benzene	1	4.52E+00	3.08E-04	1
137	137	0	75070	Acetaldehyde	1	0.00E+00	2.68E-04	1
137	137	0	91203	PAHs[Napth]	1	1.85E-02	6.75E-06	1
137	137	0	100414	Ethylbenzene	1	9.03E-01	6.14E-05	1
137	137	0	106990	Butadiene[13]	1	0.00E+00	7.45E-05	1
137	137	0	107028	Acrolein	1	0.00E+00	1.16E-05	1
137	137	0	108883	Toluene	1	4.05E+00	2.76E-04	1
137	137	0	110543	Hexane	1	0.00E+00	9.22E-06	1
137	137	0	1330207	Xylenes	1	2.80E+00	1.91E-04	1
137	137	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-06	1
137	137	0	7439965	Manganese	1	0.00E+00	1.06E-06	1
137	137	0	7439976	Mercury	1	0.00E+00	6.85E-07	1
137	137	0	7440020	Nickel	1	0.00E+00	1.34E-06	1
137	137	0	7440382	Arsenic	1	0.00E+00	5.48E-07	1
137	137	0	7440439	Cadmium	1	0.00E+00	5.14E-07	1
137	137	0	7440508	Copper	1	0.00E+00	1.41E-06	1
137	137	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-05	1
137	137	0	7664417	Ammonia	1	7.72E-03	6.63E-03	1
137	137	0	7782492	Selenium	1	0.00E+00	7.54E-07	1
137	137	0	7783064	Hydrogensulfide	1	1.70E-02	1.17E-06	1
137	137	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-08	1
138	138	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
138	138	0	9901	DPM	1	6.71E-01	0.00E+00	1
138	138	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
138	138	0	71432	Benzene	1	4.53E-01	3.08E-05	1
138	138	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
138	138	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
138	138	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
138	138	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
138	138	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
138	138	0	108883	Toluene	1	4.06E-01	2.76E-05	1
138	138	0	110543	Hexane	1	0.00E+00	9.22E-07	1
138	138	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
138	138	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
138	138	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
138	138	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
138	138	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
138	138	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
138	138	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
138	138	0	7440508	Copper	1	0.00E+00	1.41E-07	1
138	138	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
138	138	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
138	138	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
138	138	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
138	138	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
139	139	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
139	139	0	9901	DPM	1	6.71E-01	0.00E+00	1
139	139	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
139	139	0	71432	Benzene	1	3.71E-01	3.08E-05	1
139	139	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
139	139	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
139	139	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
139	139	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
139	139	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
139	139	0	108883	Toluene	1	3.32E-01	2.76E-05	1
139	139	0	110543	Hexane	1	0.00E+00	9.22E-07	1
139	139	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
139	139	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
139	139	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
139	139	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
139	139	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
139	139	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
139	139	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
139	139	0	7440508	Copper	1	0.00E+00	1.41E-07	1
139	139	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
139	139	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
139	139	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
139	139	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
139	139	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
140	140	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
140	140	0	9901	DPM	1	8.48E-01	0.00E+00	1
140	140	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
140	140	0	71432	Benzene	1	1.41E+00	9.24E-05	1
140	140	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
140	140	0	91203	PAHs[Napth]	1	5.75E-03	2.03E-06	1
140	140	0	100414	Ethylbenzene	1	2.82E-01	1.84E-05	1
140	140	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
140	140	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
140	140	0	108883	Toluene	1	1.26E+00	8.28E-05	1
140	140	0	110543	Hexane	1	0.00E+00	2.77E-06	1
140	140	0	1330207	Xylenes	1	8.75E-01	5.72E-05	1
140	140	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
140	140	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
140	140	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
140	140	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
140	140	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
140	140	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
140	140	0	7440508	Copper	1	0.00E+00	4.22E-07	1
140	140	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
140	140	0	7664417	Ammonia	1	2.40E-03	1.99E-03	1
140	140	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
140	140	0	7783064	Hydrogensulfide	1	5.28E-03	3.50E-07	1
140	140	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
141	141	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
141	141	0	9901	DPM	1	9.26E-02	0.00E+00	1
141	141	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
141	141	0	71432	Benzene	1	4.53E-01	3.08E-05	1
141	141	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
141	141	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
141	141	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
141	141	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
141	141	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
141	141	0	108883	Toluene	1	4.06E-01	2.76E-05	1
141	141	0	110543	Hexane	1	0.00E+00	9.22E-07	1
141	141	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
141	141	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
141	141	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
141	141	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
141	141	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
141	141	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
141	141	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
141	141	0	7440508	Copper	1	0.00E+00	1.41E-07	1
141	141	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
141	141	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
141	141	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
141	141	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
141	141	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
142	142	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
142	142	0	9901	DPM	1	9.26E-02	0.00E+00	1
142	142	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
142	142	0	71432	Benzene	1	4.23E-01	3.08E-05	1
142	142	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
142	142	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
142	142	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
142	142	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
142	142	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
142	142	0	108883	Toluene	1	3.79E-01	2.76E-05	1
142	142	0	110543	Hexane	1	0.00E+00	9.22E-07	1
142	142	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
142	142	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
142	142	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
142	142	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
142	142	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
142	142	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
142	142	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
142	142	0	7440508	Copper	1	0.00E+00	1.41E-07	1
142	142	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
142	142	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
142	142	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
142	142	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
142	142	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
143	143	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
143	143	0	9901	DPM	1	9.26E-02	0.00E+00	1
143	143	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
143	143	0	71432	Benzene	1	4.23E-01	3.08E-05	1
143	143	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
143	143	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
143	143	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
143	143	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
143	143	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
143	143	0	108883	Toluene	1	3.79E-01	2.76E-05	1
143	143	0	110543	Hexane	1	0.00E+00	9.22E-07	1
143	143	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
143	143	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
143	143	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
143	143	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
143	143	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
143	143	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
143	143	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
143	143	0	7440508	Copper	1	0.00E+00	1.41E-07	1
143	143	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
143	143	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
143	143	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
143	143	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
143	143	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
144	144	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
144	144	0	9901	DPM	1	2.70E-01	0.00E+00	1
144	144	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
144	144	0	71432	Benzene	1	1.41E+00	9.24E-05	1
144	144	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
144	144	0	91203	PAHs[Napth]	1	5.75E-03	2.03E-06	1
144	144	0	100414	Ethylbenzene	1	2.82E-01	1.84E-05	1
144	144	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
144	144	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
144	144	0	108883	Toluene	1	1.26E+00	8.28E-05	1
144	144	0	110543	Hexane	1	0.00E+00	2.77E-06	1
144	144	0	1330207	Xylenes	1	8.75E-01	5.72E-05	1
144	144	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
144	144	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
144	144	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
144	144	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
144	144	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
144	144	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
144	144	0	7440508	Copper	1	0.00E+00	4.22E-07	1
144	144	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
144	144	0	7664417	Ammonia	1	2.40E-03	1.99E-03	1
144	144	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
144	144	0	7783064	Hydrogensulfide	1	5.28E-03	3.50E-07	1
144	144	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
145	145	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
145	145	0	9901	DPM	1	6.71E-01	0.00E+00	1
145	145	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
145	145	0	71432	Benzene	1	4.53E-01	3.08E-05	1
145	145	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
145	145	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
145	145	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
145	145	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
145	145	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
145	145	0	108883	Toluene	1	4.06E-01	2.76E-05	1
145	145	0	110543	Hexane	1	0.00E+00	9.22E-07	1
145	145	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
145	145	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
145	145	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
145	145	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
145	145	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
145	145	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
145	145	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
145	145	0	7440508	Copper	1	0.00E+00	1.41E-07	1
145	145	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
145	145	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
145	145	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
145	145	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
145	145	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
146	146	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
146	146	0	9901	DPM	1	9.37E-01	0.00E+00	1
146	146	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
146	146	0	71432	Benzene	1	1.94E+00	1.23E-04	1
146	146	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
146	146	0	91203	PAHs[Napth]	1	7.93E-03	2.70E-06	1
146	146	0	100414	Ethylbenzene	1	3.87E-01	2.46E-05	1
146	146	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
146	146	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
146	146	0	108883	Toluene	1	1.74E+00	1.10E-04	1
146	146	0	110543	Hexane	1	0.00E+00	3.69E-06	1
146	146	0	1330207	Xylenes	1	1.20E+00	7.63E-05	1
146	146	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
146	146	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
146	146	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
146	146	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
146	146	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
146	146	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
146	146	0	7440508	Copper	1	0.00E+00	5.62E-07	1
146	146	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
146	146	0	7664417	Ammonia	1	3.31E-03	2.65E-03	1
146	146	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
146	146	0	7783064	Hydrogensulfide	1	7.27E-03	4.66E-07	1
146	146	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
147	147	0	1151	PAHs[Napth]	1	0.00E+00	2.68E-05	1
147	147	0	9901	DPM	1	1.82E+00	0.00E+00	1
147	147	0	50000	Formaldehyde	1	0.00E+00	8.28E-04	1
147	147	0	71432	Benzene	1	5.79E+00	4.31E-04	1
147	147	0	75070	Acetaldehyde	1	0.00E+00	3.76E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
147	147	0	91203	PAHs[Napth]	1	2.38E-02	9.45E-06	1
147	147	0	100414	Ethylbenzene	1	1.16E+00	8.60E-05	1
147	147	0	106990	Butadiene[13]	1	0.00E+00	1.04E-04	1
147	147	0	107028	Acrolein	1	0.00E+00	1.63E-05	1
147	147	0	108883	Toluene	1	5.19E+00	3.86E-04	1
147	147	0	110543	Hexane	1	0.00E+00	1.29E-05	1
147	147	0	1330207	Xylenes	1	3.59E+00	2.67E-04	1
147	147	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	3.98E-06	1
147	147	0	7439965	Manganese	1	0.00E+00	1.49E-06	1
147	147	0	7439976	Mercury	1	0.00E+00	9.60E-07	1
147	147	0	7440020	Nickel	1	0.00E+00	1.87E-06	1
147	147	0	7440382	Arsenic	1	0.00E+00	7.68E-07	1
147	147	0	7440439	Cadmium	1	0.00E+00	7.20E-07	1
147	147	0	7440508	Copper	1	0.00E+00	1.97E-06	1
147	147	0	7647010	Hydrochloricacid	1	0.00E+00	8.94E-05	1
147	147	0	7664417	Ammonia	1	9.91E-03	9.28E-03	1
147	147	0	7782492	Selenium	1	0.00E+00	1.06E-06	1
147	147	0	7783064	Hydrogensulfide	1	2.18E-02	1.63E-06	1
147	147	0	18540299	Chromiumhexavalent6	1	0.00E+00	4.80E-08	1
148	148	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
148	148	0	9901	DPM	1	9.37E-01	0.00E+00	1
148	148	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
148	148	0	71432	Benzene	1	1.65E+00	1.23E-04	1
148	148	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
148	148	0	91203	PAHs[Napth]	1	6.75E-03	2.70E-06	1
148	148	0	100414	Ethylbenzene	1	3.29E-01	2.46E-05	1
148	148	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
148	148	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
148	148	0	108883	Toluene	1	1.48E+00	1.10E-04	1
148	148	0	110543	Hexane	1	0.00E+00	3.69E-06	1
148	148	0	1330207	Xylenes	1	1.02E+00	7.63E-05	1
148	148	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
148	148	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
148	148	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
148	148	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
148	148	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
148	148	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
148	148	0	7440508	Copper	1	0.00E+00	5.62E-07	1
148	148	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
148	148	0	7664417	Ammonia	1	2.82E-03	2.65E-03	1
148	148	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
148	148	0	7783064	Hydrogensulfide	1	6.20E-03	4.66E-07	1
148	148	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
149	149	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
149	149	0	9901	DPM	1	1.03E+00	0.00E+00	1
149	149	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
149	149	0	71432	Benzene	1	2.27E+00	1.54E-04	1
149	149	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
149	149	0	91203	PAHs[Napth]	1	9.23E-03	3.38E-06	1
149	149	0	100414	Ethylbenzene	1	4.53E-01	3.07E-05	1
149	149	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
149	149	0	107028	Acrolein	1	0.00E+00	5.81E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
149	149	0	108883	Toluene	1	2.03E+00	1.38E-04	1
149	149	0	110543	Hexane	1	0.00E+00	4.61E-06	1
149	149	0	1330207	Xylenes	1	1.40E+00	9.53E-05	1
149	149	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1
149	149	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
149	149	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
149	149	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
149	149	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
149	149	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
149	149	0	7440508	Copper	1	0.00E+00	7.03E-07	1
149	149	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
149	149	0	7664417	Ammonia	1	3.86E-03	3.31E-03	1
149	149	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
149	149	0	7783064	Hydrogensulfide	1	8.47E-03	5.83E-07	1
149	149	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
150	150	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
150	150	0	9901	DPM	1	6.71E-01	0.00E+00	1
150	150	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
150	150	0	71432	Benzene	1	4.53E-01	3.08E-05	1
150	150	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
150	150	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
150	150	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
150	150	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
150	150	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
150	150	0	108883	Toluene	1	4.06E-01	2.76E-05	1
150	150	0	110543	Hexane	1	0.00E+00	9.22E-07	1
150	150	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
150	150	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
150	150	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
150	150	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
150	150	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
150	150	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
150	150	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
150	150	0	7440508	Copper	1	0.00E+00	1.41E-07	1
150	150	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
150	150	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
150	150	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
150	150	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
150	150	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
151	151	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
151	151	0	9901	DPM	1	1.81E-01	0.00E+00	1
151	151	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
151	151	0	71432	Benzene	1	9.58E-01	6.16E-05	1
151	151	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
151	151	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
151	151	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
151	151	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
151	151	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
151	151	0	108883	Toluene	1	8.59E-01	5.52E-05	1
151	151	0	110543	Hexane	1	0.00E+00	1.84E-06	1
151	151	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
151	151	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
151	151	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
151	151	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
151	151	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
151	151	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
151	151	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
151	151	0	7440508	Copper	1	0.00E+00	2.81E-07	1
151	151	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
151	151	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1
151	151	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
151	151	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
151	151	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
152	152	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
152	152	0	9901	DPM	1	8.91E-02	0.00E+00	1
152	152	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
152	152	0	71432	Benzene	1	4.23E-01	3.08E-05	1
152	152	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
152	152	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
152	152	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
152	152	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
152	152	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
152	152	0	108883	Toluene	1	3.79E-01	2.76E-05	1
152	152	0	110543	Hexane	1	0.00E+00	9.22E-07	1
152	152	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
152	152	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
152	152	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
152	152	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
152	152	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
152	152	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
152	152	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
152	152	0	7440508	Copper	1	0.00E+00	1.41E-07	1
152	152	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
152	152	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
152	152	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
152	152	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
152	152	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
153	153	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
153	153	0	9901	DPM	1	9.27E-02	0.00E+00	1
153	153	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
153	153	0	71432	Benzene	1	6.09E-01	3.87E-05	1
153	153	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
153	153	0	91203	PAHs[Napth]	1	2.49E-03	6.75E-07	1
153	153	0	100414	Ethylbenzene	1	1.22E-01	7.74E-06	1
153	153	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
153	153	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
153	153	0	108883	Toluene	1	5.46E-01	3.47E-05	1
153	153	0	110543	Hexane	1	0.00E+00	9.22E-07	1
153	153	0	1330207	Xylenes	1	3.77E-01	2.40E-05	1
153	153	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
153	153	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
153	153	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
153	153	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
153	153	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
153	153	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
153	153	0	7440508	Copper	1	0.00E+00	1.41E-07	1
153	153	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
153	153	0	7664417	Ammonia	1	1.04E-03	6.63E-04	1
153	153	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
153	153	0	7783064	Hydrogensulfide	1	2.28E-03	1.44E-07	1
153	153	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
154	154	0	1151	PAHs[Napth]	1	0.00E+00	1.15E-05	1
154	154	0	9901	DPM	1	5.36E-01	0.00E+00	1
154	154	0	50000	Formaldehyde	1	0.00E+00	3.55E-04	1
154	154	0	71432	Benzene	1	2.44E+00	1.85E-04	1
154	154	0	75070	Acetaldehyde	1	0.00E+00	1.61E-04	1
154	154	0	91203	PAHs[Napth]	1	1.00E-02	4.05E-06	1
154	154	0	100414	Ethylbenzene	1	4.87E-01	3.69E-05	1
154	154	0	106990	Butadiene[13]	1	0.00E+00	4.47E-05	1
154	154	0	107028	Acrolein	1	0.00E+00	6.97E-06	1
154	154	0	108883	Toluene	1	2.19E+00	1.66E-04	1
154	154	0	110543	Hexane	1	0.00E+00	5.53E-06	1
154	154	0	1330207	Xylenes	1	1.51E+00	1.14E-04	1
154	154	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.71E-06	1
154	154	0	7439965	Manganese	1	0.00E+00	6.37E-07	1
154	154	0	7439976	Mercury	1	0.00E+00	4.11E-07	1
154	154	0	7440020	Nickel	1	0.00E+00	8.02E-07	1
154	154	0	7440382	Arsenic	1	0.00E+00	3.29E-07	1
154	154	0	7440439	Cadmium	1	0.00E+00	3.08E-07	1
154	154	0	7440508	Copper	1	0.00E+00	8.43E-07	1
154	154	0	7647010	Hydrochloricacid	1	0.00E+00	3.83E-05	1
154	154	0	7664417	Ammonia	1	4.18E-03	3.98E-03	1
154	154	0	7782492	Selenium	1	0.00E+00	4.52E-07	1
154	154	0	7783064	Hydrogensulfide	1	9.20E-03	6.99E-07	1
154	154	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.06E-08	1
155	155	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
155	155	0	9901	DPM	1	9.26E-02	0.00E+00	1
155	155	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
155	155	0	71432	Benzene	1	5.05E-01	3.08E-05	1
155	155	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
155	155	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
155	155	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
155	155	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
155	155	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
155	155	0	108883	Toluene	1	4.53E-01	2.76E-05	1
155	155	0	110543	Hexane	1	0.00E+00	9.22E-07	1
155	155	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
155	155	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
155	155	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
155	155	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
155	155	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
155	155	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
155	155	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
155	155	0	7440508	Copper	1	0.00E+00	1.41E-07	1
155	155	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
155	155	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
155	155	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
155	155	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
155	155	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
156	156	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
156	156	0	9901	DPM	1	1.81E-01	0.00E+00	1
156	156	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
156	156	0	71432	Benzene	1	8.76E-01	6.16E-05	1
156	156	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
156	156	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
156	156	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
156	156	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
156	156	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
156	156	0	108883	Toluene	1	7.85E-01	5.52E-05	1
156	156	0	110543	Hexane	1	0.00E+00	1.84E-06	1
156	156	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
156	156	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
156	156	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
156	156	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
156	156	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
156	156	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
156	156	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
156	156	0	7440508	Copper	1	0.00E+00	2.81E-07	1
156	156	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
156	156	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
156	156	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
156	156	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
156	156	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
157	157	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
157	157	0	9901	DPM	1	9.26E-02	0.00E+00	1
157	157	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
157	157	0	71432	Benzene	1	5.57E-01	3.28E-05	1
157	157	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
157	157	0	91203	PAHs[Napth]	1	2.28E-03	6.75E-07	1
157	157	0	100414	Ethylbenzene	1	1.11E-01	6.56E-06	1
157	157	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
157	157	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
157	157	0	108883	Toluene	1	4.99E-01	2.94E-05	1
157	157	0	110543	Hexane	1	0.00E+00	9.22E-07	1
157	157	0	1330207	Xylenes	1	3.45E-01	2.03E-05	1
157	157	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
157	157	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
157	157	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
157	157	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
157	157	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
157	157	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
157	157	0	7440508	Copper	1	0.00E+00	1.41E-07	1
157	157	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
157	157	0	7664417	Ammonia	1	9.50E-04	6.63E-04	1
157	157	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
157	157	0	7783064	Hydrogensulfide	1	2.09E-03	1.22E-07	1
157	157	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
158	158	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
158	158	0	9901	DPM	1	1.81E-01	0.00E+00	1
158	158	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
158	158	0	71432	Benzene	1	8.24E-01	6.16E-05	1
158	158	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
158	158	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
158	158	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
158	158	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
158	158	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
158	158	0	108883	Toluene	1	7.38E-01	5.52E-05	1
158	158	0	110543	Hexane	1	0.00E+00	1.84E-06	1
158	158	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
158	158	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
158	158	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
158	158	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
158	158	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
158	158	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
158	158	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
158	158	0	7440508	Copper	1	0.00E+00	2.81E-07	1
158	158	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
158	158	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
158	158	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
158	158	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
158	158	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
159	159	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
159	159	0	9901	DPM	1	9.26E-02	0.00E+00	1
159	159	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
159	159	0	71432	Benzene	1	4.53E-01	3.08E-05	1
159	159	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
159	159	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
159	159	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
159	159	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
159	159	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
159	159	0	108883	Toluene	1	4.06E-01	2.76E-05	1
159	159	0	110543	Hexane	1	0.00E+00	9.22E-07	1
159	159	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
159	159	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
159	159	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
159	159	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
159	159	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
159	159	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
159	159	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
159	159	0	7440508	Copper	1	0.00E+00	1.41E-07	1
159	159	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
159	159	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
159	159	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
159	159	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
159	159	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
160	160	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
160	160	0	9901	DPM	1	8.48E-01	0.00E+00	1
160	160	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
160	160	0	71432	Benzene	1	1.19E+00	9.24E-05	1
160	160	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
160	160	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
160	160	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
160	160	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
160	160	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
160	160	0	108883	Toluene	1	1.07E+00	8.28E-05	1
160	160	0	110543	Hexane	1	0.00E+00	2.77E-06	1
160	160	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
160	160	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
160	160	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
160	160	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
160	160	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
160	160	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
160	160	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
160	160	0	7440508	Copper	1	0.00E+00	4.22E-07	1
160	160	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
160	160	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
160	160	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
160	160	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
160	160	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
161	161	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
161	161	0	9901	DPM	1	9.37E-01	0.00E+00	1
161	161	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
161	161	0	71432	Benzene	1	1.65E+00	1.23E-04	1
161	161	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
161	161	0	91203	PAHs[Napth]	1	6.75E-03	2.70E-06	1
161	161	0	100414	Ethylbenzene	1	3.29E-01	2.46E-05	1
161	161	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
161	161	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
161	161	0	108883	Toluene	1	1.48E+00	1.10E-04	1
161	161	0	110543	Hexane	1	0.00E+00	3.69E-06	1
161	161	0	1330207	Xylenes	1	1.02E+00	7.63E-05	1
161	161	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
161	161	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
161	161	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
161	161	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
161	161	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
161	161	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
161	161	0	7440508	Copper	1	0.00E+00	5.62E-07	1
161	161	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
161	161	0	7664417	Ammonia	1	2.82E-03	2.65E-03	1
161	161	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
161	161	0	7783064	Hydrogensulfide	1	6.20E-03	4.66E-07	1
161	161	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
162	162	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
162	162	0	9901	DPM	1	9.26E-02	0.00E+00	1
162	162	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
162	162	0	71432	Benzene	1	3.71E-01	3.08E-05	1
162	162	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
162	162	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
162	162	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
162	162	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
162	162	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
162	162	0	108883	Toluene	1	3.32E-01	2.76E-05	1
162	162	0	110543	Hexane	1	0.00E+00	9.22E-07	1
162	162	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
162	162	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
162	162	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
162	162	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
162	162	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
162	162	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
162	162	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
162	162	0	7440508	Copper	1	0.00E+00	1.41E-07	1
162	162	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
162	162	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
162	162	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
162	162	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
162	162	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
163	163	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
163	163	0	9901	DPM	1	2.67E-01	0.00E+00	1
163	163	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
163	163	0	71432	Benzene	1	1.19E+00	9.24E-05	1
163	163	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
163	163	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
163	163	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
163	163	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
163	163	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
163	163	0	108883	Toluene	1	1.07E+00	8.28E-05	1
163	163	0	110543	Hexane	1	0.00E+00	2.77E-06	1
163	163	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
163	163	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
163	163	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
163	163	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
163	163	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
163	163	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
163	163	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
163	163	0	7440508	Copper	1	0.00E+00	4.22E-07	1
163	163	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
163	163	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
163	163	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
163	163	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
163	163	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
164	164	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
164	164	0	9901	DPM	1	9.27E-02	0.00E+00	1
164	164	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
164	164	0	71432	Benzene	1	3.71E-01	3.08E-05	1
164	164	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
164	164	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
164	164	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
164	164	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
164	164	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
164	164	0	108883	Toluene	1	3.32E-01	2.76E-05	1
164	164	0	110543	Hexane	1	0.00E+00	9.22E-07	1
164	164	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
164	164	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
164	164	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
164	164	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
164	164	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
164	164	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
164	164	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
164	164	0	7440508	Copper	1	0.00E+00	1.41E-07	1
164	164	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
164	164	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
164	164	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
164	164	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
164	164	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
165	165	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
165	165	0	9901	DPM	1	8.91E-02	0.00E+00	1
165	165	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
165	165	0	71432	Benzene	1	4.53E-01	3.08E-05	1
165	165	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
165	165	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
165	165	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
165	165	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
165	165	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
165	165	0	108883	Toluene	1	4.06E-01	2.76E-05	1
165	165	0	110543	Hexane	1	0.00E+00	9.22E-07	1
165	165	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
165	165	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
165	165	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
165	165	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
165	165	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
165	165	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
165	165	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
165	165	0	7440508	Copper	1	0.00E+00	1.41E-07	1
165	165	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
165	165	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
165	165	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
165	165	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
165	165	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
166	166	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-10	1
166	166	0	9901	DPM	1	3.94E-04	0.00E+00	1
166	166	0	50000	Formaldehyde	1	0.00E+00	2.34E-08	1
166	166	0	71432	Benzene	1	5.18E-02	5.92E-06	1
166	166	0	75070	Acetaldehyde	1	0.00E+00	1.06E-08	1
166	166	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
166	166	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
166	166	0	106990	Butadiene[13]	1	0.00E+00	2.94E-09	1
166	166	0	107028	Acrolein	1	0.00E+00	4.59E-10	1
166	166	0	108883	Toluene	1	4.65E-02	5.31E-06	1
166	166	0	110543	Hexane	1	0.00E+00	3.64E-10	1
166	166	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
166	166	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-10	1
166	166	0	7439965	Manganese	1	0.00E+00	4.20E-11	1
166	166	0	7439976	Mercury	1	0.00E+00	2.71E-11	1
166	166	0	7440020	Nickel	1	0.00E+00	5.28E-11	1
166	166	0	7440382	Arsenic	1	0.00E+00	2.17E-11	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
166	166	0	7440439	Cadmium	1	0.00E+00	2.03E-11	1
166	166	0	7440508	Copper	1	0.00E+00	5.55E-11	1
166	166	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-09	1
166	166	0	7664417	Ammonia	1	8.94E-05	3.93E-07	1
166	166	0	7782492	Selenium	1	0.00E+00	2.98E-11	1
166	166	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
166	166	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-12	1
167	167	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
167	167	0	9901	DPM	1	3.93E-03	0.00E+00	1
167	167	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
167	167	0	71432	Benzene	1	5.18E-02	5.92E-06	1
167	167	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
167	167	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
167	167	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
167	167	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
167	167	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
167	167	0	108883	Toluene	1	4.65E-02	5.31E-06	1
167	167	0	110543	Hexane	1	0.00E+00	3.63E-09	1
167	167	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
167	167	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
167	167	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
167	167	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
167	167	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
167	167	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
167	167	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
167	167	0	7440508	Copper	1	0.00E+00	5.54E-10	1
167	167	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
167	167	0	7664417	Ammonia	1	8.94E-05	3.92E-06	1
167	167	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
167	167	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
167	167	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
168	168	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1
168	168	0	9901	DPM	1	3.94E-03	0.00E+00	1
168	168	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
168	168	0	71432	Benzene	1	1.04E-01	1.18E-05	1
168	168	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
168	168	0	91203	PAHs[Napth]	1	4.29E-04	4.90E-08	1
168	168	0	100414	Ethylbenzene	1	2.07E-02	2.37E-06	1
168	168	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
168	168	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
168	168	0	108883	Toluene	1	9.30E-02	1.06E-05	1
168	168	0	110543	Hexane	1	0.00E+00	3.64E-09	1
168	168	0	1330207	Xylenes	1	6.44E-02	7.35E-06	1
168	168	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
168	168	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
168	168	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
168	168	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
168	168	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
168	168	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
168	168	0	7440508	Copper	1	0.00E+00	5.55E-10	1
168	168	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
168	168	0	7664417	Ammonia	1	1.79E-04	3.93E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
168	168	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
168	168	0	7783064	Hydrogensulfide	1	3.93E-04	4.49E-08	1
168	168	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
169	169	0	1151	PAHs[Napth]	1	0.00E+00	7.53E-10	1
169	169	0	9901	DPM	1	3.93E-04	0.00E+00	1
169	169	0	50000	Formaldehyde	1	0.00E+00	2.33E-08	1
169	169	0	71432	Benzene	1	5.18E-02	5.92E-06	1
169	169	0	75070	Acetaldehyde	1	0.00E+00	1.06E-08	1
169	169	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
169	169	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
169	169	0	106990	Butadiene[13]	1	0.00E+00	2.93E-09	1
169	169	0	107028	Acrolein	1	0.00E+00	4.57E-10	1
169	169	0	108883	Toluene	1	4.65E-02	5.31E-06	1
169	169	0	110543	Hexane	1	0.00E+00	3.63E-10	1
169	169	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
169	169	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-10	1
169	169	0	7439965	Manganese	1	0.00E+00	4.18E-11	1
169	169	0	7439976	Mercury	1	0.00E+00	2.70E-11	1
169	169	0	7440020	Nickel	1	0.00E+00	5.26E-11	1
169	169	0	7440382	Arsenic	1	0.00E+00	2.16E-11	1
169	169	0	7440439	Cadmium	1	0.00E+00	2.02E-11	1
169	169	0	7440508	Copper	1	0.00E+00	5.53E-11	1
169	169	0	7647010	Hydrochloricacid	1	0.00E+00	2.51E-09	1
169	169	0	7664417	Ammonia	1	8.94E-05	3.91E-07	1
169	169	0	7782492	Selenium	1	0.00E+00	2.97E-11	1
169	169	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
169	169	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-12	1
170	170	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
170	170	0	9901	DPM	1	8.91E-02	0.00E+00	1
170	170	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
170	170	0	71432	Benzene	1	4.53E-01	3.08E-05	1
170	170	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
170	170	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
170	170	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
170	170	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
170	170	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
170	170	0	108883	Toluene	1	4.06E-01	2.76E-05	1
170	170	0	110543	Hexane	1	0.00E+00	9.22E-07	1
170	170	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
170	170	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
170	170	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
170	170	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
170	170	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
170	170	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
170	170	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
170	170	0	7440508	Copper	1	0.00E+00	1.41E-07	1
170	170	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
170	170	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
170	170	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
170	170	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
170	170	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
171	171	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
171	171	0	9901	DPM	1	6.71E-01	0.00E+00	1
171	171	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
171	171	0	71432	Benzene	1	3.71E-01	3.08E-05	1
171	171	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
171	171	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
171	171	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
171	171	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
171	171	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
171	171	0	108883	Toluene	1	3.32E-01	2.76E-05	1
171	171	0	110543	Hexane	1	0.00E+00	9.22E-07	1
171	171	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
171	171	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
171	171	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
171	171	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
171	171	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
171	171	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
171	171	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
171	171	0	7440508	Copper	1	0.00E+00	1.41E-07	1
171	171	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
171	171	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
171	171	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
171	171	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
171	171	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
172	172	0	1151	PAHs[Napth]	1	0.00E+00	7.56E-09	1
172	172	0	9901	DPM	1	3.94E-03	0.00E+00	1
172	172	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
172	172	0	71432	Benzene	1	5.18E-02	5.92E-06	1
172	172	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
172	172	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
172	172	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
172	172	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
172	172	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
172	172	0	108883	Toluene	1	4.65E-02	5.31E-06	1
172	172	0	110543	Hexane	1	0.00E+00	3.64E-09	1
172	172	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
172	172	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
172	172	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
172	172	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
172	172	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
172	172	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
172	172	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
172	172	0	7440508	Copper	1	0.00E+00	5.55E-10	1
172	172	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
172	172	0	7664417	Ammonia	1	8.94E-05	3.92E-06	1
172	172	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
172	172	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
172	172	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
173	173	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
173	173	0	9901	DPM	1	8.91E-02	0.00E+00	1
173	173	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
173	173	0	71432	Benzene	1	3.71E-01	3.08E-05	1
173	173	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
173	173	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
173	173	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
173	173	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
173	173	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
173	173	0	108883	Toluene	1	3.32E-01	2.76E-05	1
173	173	0	110543	Hexane	1	0.00E+00	9.22E-07	1
173	173	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
173	173	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
173	173	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
173	173	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
173	173	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
173	173	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
173	173	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
173	173	0	7440508	Copper	1	0.00E+00	1.41E-07	1
173	173	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
173	173	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
173	173	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
173	173	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
173	173	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
174	174	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
174	174	0	9901	DPM	1	9.26E-02	0.00E+00	1
174	174	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
174	174	0	71432	Benzene	1	4.53E-01	3.08E-05	1
174	174	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
174	174	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
174	174	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
174	174	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
174	174	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
174	174	0	108883	Toluene	1	4.06E-01	2.76E-05	1
174	174	0	110543	Hexane	1	0.00E+00	9.22E-07	1
174	174	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
174	174	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
174	174	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
174	174	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
174	174	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
174	174	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
174	174	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
174	174	0	7440508	Copper	1	0.00E+00	1.41E-07	1
174	174	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
174	174	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
174	174	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
174	174	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
174	174	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
175	175	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
175	175	0	9901	DPM	1	5.82E-01	0.00E+00	1
175	175	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
175	175	0	71432	Benzene	1	5.18E-02	5.92E-06	1
175	175	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
175	175	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
175	175	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
175	175	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
175	175	0	107028	Acrolein	1	0.00E+00	2.74E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
175	175	0	108883	Toluene	1	4.65E-02	5.31E-06	1
175	175	0	110543	Hexane	1	0.00E+00	2.18E-07	1
175	175	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
175	175	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
175	175	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
175	175	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
175	175	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
175	175	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
175	175	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
175	175	0	7440508	Copper	1	0.00E+00	3.32E-08	1
175	175	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
175	175	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
175	175	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
175	175	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
175	175	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
176	176	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
176	176	0	9901	DPM	1	3.93E-03	0.00E+00	1
176	176	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
176	176	0	71432	Benzene	1	5.18E-02	5.92E-06	1
176	176	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
176	176	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
176	176	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
176	176	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
176	176	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
176	176	0	108883	Toluene	1	4.65E-02	5.31E-06	1
176	176	0	110543	Hexane	1	0.00E+00	3.63E-09	1
176	176	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
176	176	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
176	176	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
176	176	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
176	176	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
176	176	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
176	176	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
176	176	0	7440508	Copper	1	0.00E+00	5.54E-10	1
176	176	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
176	176	0	7664417	Ammonia	1	8.94E-05	3.92E-06	1
176	176	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
176	176	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
176	176	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
177	177	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
177	177	0	9901	DPM	1	8.91E-02	0.00E+00	1
177	177	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
177	177	0	71432	Benzene	1	5.05E-01	3.08E-05	1
177	177	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
177	177	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
177	177	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
177	177	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
177	177	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
177	177	0	108883	Toluene	1	4.53E-01	2.76E-05	1
177	177	0	110543	Hexane	1	0.00E+00	9.22E-07	1
177	177	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
177	177	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
177	177	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
177	177	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
177	177	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
177	177	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
177	177	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
177	177	0	7440508	Copper	1	0.00E+00	1.41E-07	1
177	177	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
177	177	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
177	177	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
177	177	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
177	177	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
178	178	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
178	178	0	9901	DPM	1	2.70E-01	0.00E+00	1
178	178	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
178	178	0	71432	Benzene	1	1.41E+00	9.24E-05	1
178	178	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
178	178	0	91203	PAHs[Napth]	1	5.75E-03	2.03E-06	1
178	178	0	100414	Ethylbenzene	1	2.82E-01	1.84E-05	1
178	178	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
178	178	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
178	178	0	108883	Toluene	1	1.26E+00	8.28E-05	1
178	178	0	110543	Hexane	1	0.00E+00	2.77E-06	1
178	178	0	1330207	Xylenes	1	8.75E-01	5.72E-05	1
178	178	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
178	178	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
178	178	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
178	178	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
178	178	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
178	178	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
178	178	0	7440508	Copper	1	0.00E+00	4.22E-07	1
178	178	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
178	178	0	7664417	Ammonia	1	2.40E-03	1.99E-03	1
178	178	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
178	178	0	7783064	Hydrogensulfide	1	5.28E-03	3.50E-07	1
178	178	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
179	179	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
179	179	0	9901	DPM	1	9.26E-02	0.00E+00	1
179	179	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
179	179	0	71432	Benzene	1	5.57E-01	3.28E-05	1
179	179	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
179	179	0	91203	PAHs[Napth]	1	2.28E-03	6.75E-07	1
179	179	0	100414	Ethylbenzene	1	1.11E-01	6.56E-06	1
179	179	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
179	179	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
179	179	0	108883	Toluene	1	4.99E-01	2.94E-05	1
179	179	0	110543	Hexane	1	0.00E+00	9.22E-07	1
179	179	0	1330207	Xylenes	1	3.45E-01	2.03E-05	1
179	179	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
179	179	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
179	179	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
179	179	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
179	179	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
179	179	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
179	179	0	7440508	Copper	1	0.00E+00	1.41E-07	1
179	179	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
179	179	0	7664417	Ammonia	1	9.50E-04	6.63E-04	1
179	179	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
179	179	0	7783064	Hydrogensulfide	1	2.09E-03	1.22E-07	1
179	179	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
180	180	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
180	180	0	9901	DPM	1	5.82E-01	0.00E+00	1
180	180	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
180	180	0	71432	Benzene	1	5.18E-02	5.92E-06	1
180	180	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
180	180	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
180	180	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
180	180	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
180	180	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
180	180	0	108883	Toluene	1	4.65E-02	5.31E-06	1
180	180	0	110543	Hexane	1	0.00E+00	2.18E-07	1
180	180	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
180	180	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
180	180	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
180	180	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
180	180	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
180	180	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
180	180	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
180	180	0	7440508	Copper	1	0.00E+00	3.32E-08	1
180	180	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
180	180	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
180	180	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
180	180	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
180	180	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
181	181	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
181	181	0	9901	DPM	1	5.82E-01	0.00E+00	1
181	181	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
181	181	0	71432	Benzene	1	5.18E-02	5.92E-06	1
181	181	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
181	181	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
181	181	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
181	181	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
181	181	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
181	181	0	108883	Toluene	1	4.65E-02	5.31E-06	1
181	181	0	110543	Hexane	1	0.00E+00	2.18E-07	1
181	181	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
181	181	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
181	181	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
181	181	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
181	181	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
181	181	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
181	181	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
181	181	0	7440508	Copper	1	0.00E+00	3.32E-08	1
181	181	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
181	181	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
181	181	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
181	181	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
181	181	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
182	182	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
182	182	0	9901	DPM	1	5.82E-01	0.00E+00	1
182	182	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
182	182	0	71432	Benzene	1	1.56E-01	1.78E-05	1
182	182	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
182	182	0	91203	PAHs[Napth]	1	6.44E-04	1.59E-07	1
182	182	0	100414	Ethylbenzene	1	3.11E-02	3.55E-06	1
182	182	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
182	182	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
182	182	0	108883	Toluene	1	1.39E-01	1.59E-05	1
182	182	0	110543	Hexane	1	0.00E+00	2.18E-07	1
182	182	0	1330207	Xylenes	1	9.65E-02	1.10E-05	1
182	182	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
182	182	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
182	182	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
182	182	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
182	182	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
182	182	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
182	182	0	7440508	Copper	1	0.00E+00	3.32E-08	1
182	182	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
182	182	0	7664417	Ammonia	1	2.68E-04	2.35E-04	1
182	182	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
182	182	0	7783064	Hydrogensulfide	1	5.90E-04	6.73E-08	1
182	182	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
183	183	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
183	183	0	9901	DPM	1	6.71E-01	0.00E+00	1
183	183	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
183	183	0	71432	Benzene	1	5.05E-01	3.08E-05	1
183	183	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
183	183	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
183	183	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
183	183	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
183	183	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
183	183	0	108883	Toluene	1	4.53E-01	2.76E-05	1
183	183	0	110543	Hexane	1	0.00E+00	9.22E-07	1
183	183	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
183	183	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
183	183	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
183	183	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
183	183	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
183	183	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
183	183	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
183	183	0	7440508	Copper	1	0.00E+00	1.41E-07	1
183	183	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
183	183	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
183	183	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
183	183	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
183	183	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
184	184	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
184	184	0	9901	DPM	1	9.26E-02	0.00E+00	1
184	184	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
184	184	0	71432	Benzene	1	4.53E-01	3.08E-05	1
184	184	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
184	184	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
184	184	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
184	184	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
184	184	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
184	184	0	108883	Toluene	1	4.06E-01	2.76E-05	1
184	184	0	110543	Hexane	1	0.00E+00	9.22E-07	1
184	184	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
184	184	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
184	184	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
184	184	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
184	184	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
184	184	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
184	184	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
184	184	0	7440508	Copper	1	0.00E+00	1.41E-07	1
184	184	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
184	184	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
184	184	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
184	184	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
184	184	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
185	185	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
185	185	0	9901	DPM	1	9.37E-01	0.00E+00	1
185	185	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
185	185	0	71432	Benzene	1	1.81E+00	1.23E-04	1
185	185	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
185	185	0	91203	PAHs[Napth]	1	7.38E-03	2.70E-06	1
185	185	0	100414	Ethylbenzene	1	3.62E-01	2.46E-05	1
185	185	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
185	185	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
185	185	0	108883	Toluene	1	1.62E+00	1.10E-04	1
185	185	0	110543	Hexane	1	0.00E+00	3.69E-06	1
185	185	0	1330207	Xylenes	1	1.12E+00	7.63E-05	1
185	185	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
185	185	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
185	185	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
185	185	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
185	185	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
185	185	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
185	185	0	7440508	Copper	1	0.00E+00	5.62E-07	1
185	185	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
185	185	0	7664417	Ammonia	1	3.09E-03	2.65E-03	1
185	185	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
185	185	0	7783064	Hydrogensulfide	1	6.78E-03	4.66E-07	1
185	185	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
186	186	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
186	186	0	9901	DPM	1	6.71E-01	0.00E+00	1
186	186	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
186	186	0	71432	Benzene	1	3.71E-01	3.08E-05	1
186	186	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
186	186	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
186	186	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
186	186	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
186	186	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
186	186	0	108883	Toluene	1	3.32E-01	2.76E-05	1
186	186	0	110543	Hexane	1	0.00E+00	9.22E-07	1
186	186	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
186	186	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
186	186	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
186	186	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
186	186	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
186	186	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
186	186	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
186	186	0	7440508	Copper	1	0.00E+00	1.41E-07	1
186	186	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
186	186	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
186	186	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
186	186	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
186	186	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
187	187	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
187	187	0	9901	DPM	1	8.48E-01	0.00E+00	1
187	187	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
187	187	0	71432	Benzene	1	1.36E+00	9.24E-05	1
187	187	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
187	187	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
187	187	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
187	187	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
187	187	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
187	187	0	108883	Toluene	1	1.22E+00	8.28E-05	1
187	187	0	110543	Hexane	1	0.00E+00	2.77E-06	1
187	187	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
187	187	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
187	187	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
187	187	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
187	187	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
187	187	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
187	187	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
187	187	0	7440508	Copper	1	0.00E+00	4.22E-07	1
187	187	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
187	187	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
187	187	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
187	187	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
187	187	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
188	188	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
188	188	0	9901	DPM	1	6.71E-01	0.00E+00	1
188	188	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
188	188	0	71432	Benzene	1	4.23E-01	3.08E-05	1
188	188	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
188	188	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
188	188	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
188	188	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
188	188	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
188	188	0	108883	Toluene	1	3.79E-01	2.76E-05	1
188	188	0	110543	Hexane	1	0.00E+00	9.22E-07	1
188	188	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
188	188	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
188	188	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
188	188	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
188	188	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
188	188	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
188	188	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
188	188	0	7440508	Copper	1	0.00E+00	1.41E-07	1
188	188	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
188	188	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
188	188	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
188	188	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
188	188	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
189	189	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
189	189	0	9901	DPM	1	6.71E-01	0.00E+00	1
189	189	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
189	189	0	71432	Benzene	1	5.05E-01	3.08E-05	1
189	189	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
189	189	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
189	189	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
189	189	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
189	189	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
189	189	0	108883	Toluene	1	4.53E-01	2.76E-05	1
189	189	0	110543	Hexane	1	0.00E+00	9.22E-07	1
189	189	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
189	189	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
189	189	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
189	189	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
189	189	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
189	189	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
189	189	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
189	189	0	7440508	Copper	1	0.00E+00	1.41E-07	1
189	189	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
189	189	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
189	189	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
189	189	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
189	189	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
190	190	0	1151	PAHs[Napth]	1	0.00E+00	7.57E-09	1
190	190	0	9901	DPM	1	3.94E-03	0.00E+00	1
190	190	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
190	190	0	71432	Benzene	1	5.18E-02	5.92E-06	1
190	190	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
190	190	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
190	190	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
190	190	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
190	190	0	107028	Acrolein	1	0.00E+00	4.59E-09	1
190	190	0	108883	Toluene	1	4.65E-02	5.31E-06	1
190	190	0	110543	Hexane	1	0.00E+00	3.64E-09	1
190	190	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
190	190	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
190	190	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
190	190	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
190	190	0	7440020	Nickel	1	0.00E+00	5.28E-10	1
190	190	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
190	190	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
190	190	0	7440508	Copper	1	0.00E+00	5.55E-10	1
190	190	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
190	190	0	7664417	Ammonia	1	8.94E-05	3.92E-06	1
190	190	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
190	190	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
190	190	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
191	191	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
191	191	0	9901	DPM	1	2.70E-01	0.00E+00	1
191	191	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
191	191	0	71432	Benzene	1	1.28E+00	9.24E-05	1
191	191	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
191	191	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
191	191	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
191	191	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
191	191	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
191	191	0	108883	Toluene	1	1.14E+00	8.28E-05	1
191	191	0	110543	Hexane	1	0.00E+00	2.77E-06	1
191	191	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
191	191	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
191	191	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
191	191	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
191	191	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
191	191	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
191	191	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
191	191	0	7440508	Copper	1	0.00E+00	4.22E-07	1
191	191	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
191	191	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
191	191	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
191	191	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
191	191	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
192	192	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
192	192	0	9901	DPM	1	7.59E-01	0.00E+00	1
192	192	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
192	192	0	71432	Benzene	1	8.24E-01	6.16E-05	1
192	192	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
192	192	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
192	192	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
192	192	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
192	192	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
192	192	0	108883	Toluene	1	7.38E-01	5.52E-05	1
192	192	0	110543	Hexane	1	0.00E+00	1.84E-06	1
192	192	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
192	192	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
192	192	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
192	192	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
192	192	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
192	192	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
192	192	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
192	192	0	7440508	Copper	1	0.00E+00	2.81E-07	1
192	192	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
192	192	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
192	192	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
192	192	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
192	192	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
193	193	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
193	193	0	9901	DPM	1	6.71E-01	0.00E+00	1
193	193	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
193	193	0	71432	Benzene	1	4.53E-01	3.08E-05	1
193	193	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
193	193	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
193	193	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
193	193	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
193	193	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
193	193	0	108883	Toluene	1	4.06E-01	2.76E-05	1
193	193	0	110543	Hexane	1	0.00E+00	9.22E-07	1
193	193	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
193	193	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
193	193	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
193	193	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
193	193	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
193	193	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
193	193	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
193	193	0	7440508	Copper	1	0.00E+00	1.41E-07	1
193	193	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
193	193	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
193	193	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
193	193	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
193	193	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
194	194	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
194	194	0	9901	DPM	1	7.59E-01	0.00E+00	1
194	194	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
194	194	0	71432	Benzene	1	9.07E-01	6.16E-05	1
194	194	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
194	194	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
194	194	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
194	194	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
194	194	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
194	194	0	108883	Toluene	1	8.12E-01	5.52E-05	1
194	194	0	110543	Hexane	1	0.00E+00	1.84E-06	1
194	194	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
194	194	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
194	194	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
194	194	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
194	194	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
194	194	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
194	194	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
194	194	0	7440508	Copper	1	0.00E+00	2.81E-07	1
194	194	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
194	194	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
194	194	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
194	194	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
194	194	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
195	195	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
195	195	0	9901	DPM	1	6.71E-01	0.00E+00	1
195	195	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
195	195	0	71432	Benzene	1	4.23E-01	3.08E-05	1
195	195	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
195	195	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
195	195	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
195	195	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
195	195	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
195	195	0	108883	Toluene	1	3.79E-01	2.76E-05	1
195	195	0	110543	Hexane	1	0.00E+00	9.22E-07	1
195	195	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
195	195	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
195	195	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
195	195	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
195	195	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
195	195	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
195	195	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
195	195	0	7440508	Copper	1	0.00E+00	1.41E-07	1
195	195	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
195	195	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
195	195	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
195	195	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
195	195	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
196	196	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
196	196	0	9901	DPM	1	6.71E-01	0.00E+00	1
196	196	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
196	196	0	71432	Benzene	1	4.53E-01	3.08E-05	1
196	196	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
196	196	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
196	196	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
196	196	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
196	196	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
196	196	0	108883	Toluene	1	4.06E-01	2.76E-05	1
196	196	0	110543	Hexane	1	0.00E+00	9.22E-07	1
196	196	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
196	196	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
196	196	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
196	196	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
196	196	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
196	196	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
196	196	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
196	196	0	7440508	Copper	1	0.00E+00	1.41E-07	1
196	196	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
196	196	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
196	196	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
196	196	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
196	196	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
197	197	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
197	197	0	9901	DPM	1	6.71E-01	0.00E+00	1
197	197	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
197	197	0	71432	Benzene	1	4.53E-01	3.08E-05	1
197	197	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
197	197	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
197	197	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
197	197	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
197	197	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
197	197	0	108883	Toluene	1	4.06E-01	2.76E-05	1
197	197	0	110543	Hexane	1	0.00E+00	9.22E-07	1
197	197	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
197	197	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
197	197	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
197	197	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
197	197	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
197	197	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
197	197	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
197	197	0	7440508	Copper	1	0.00E+00	1.41E-07	1
197	197	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
197	197	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
197	197	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
197	197	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
197	197	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
198	198	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
198	198	0	9901	DPM	1	5.82E-01	0.00E+00	1
198	198	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
198	198	0	71432	Benzene	1	5.18E-02	5.92E-06	1
198	198	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
198	198	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
198	198	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
198	198	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
198	198	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
198	198	0	108883	Toluene	1	4.65E-02	5.31E-06	1
198	198	0	110543	Hexane	1	0.00E+00	2.18E-07	1
198	198	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
198	198	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
198	198	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
198	198	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
198	198	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
198	198	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
198	198	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
198	198	0	7440508	Copper	1	0.00E+00	3.32E-08	1
198	198	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
198	198	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
198	198	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
198	198	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
198	198	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
199	199	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
199	199	0	9901	DPM	1	7.59E-01	0.00E+00	1
199	199	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
199	199	0	71432	Benzene	1	9.58E-01	6.16E-05	1
199	199	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
199	199	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
199	199	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
199	199	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
199	199	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
199	199	0	108883	Toluene	1	8.59E-01	5.52E-05	1
199	199	0	110543	Hexane	1	0.00E+00	1.84E-06	1
199	199	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
199	199	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
199	199	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
199	199	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
199	199	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
199	199	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
199	199	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
199	199	0	7440508	Copper	1	0.00E+00	2.81E-07	1
199	199	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
199	199	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1
199	199	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
199	199	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
199	199	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
200	200	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
200	200	0	9901	DPM	1	6.71E-01	0.00E+00	1
200	200	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
200	200	0	71432	Benzene	1	5.05E-01	3.08E-05	1
200	200	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
200	200	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
200	200	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
200	200	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
200	200	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
200	200	0	108883	Toluene	1	4.53E-01	2.76E-05	1
200	200	0	110543	Hexane	1	0.00E+00	9.22E-07	1
200	200	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
200	200	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
200	200	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
200	200	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
200	200	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
200	200	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
200	200	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
200	200	0	7440508	Copper	1	0.00E+00	1.41E-07	1
200	200	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
200	200	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
200	200	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
200	200	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
200	200	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
201	201	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
201	201	0	9901	DPM	1	7.59E-01	0.00E+00	1
201	201	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
201	201	0	71432	Benzene	1	9.58E-01	6.16E-05	1
201	201	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
201	201	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
201	201	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
201	201	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
201	201	0	107028	Acrolein	1	0.00E+00	2.32E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
201	201	0	108883	Toluene	1	8.59E-01	5.52E-05	1
201	201	0	110543	Hexane	1	0.00E+00	1.84E-06	1
201	201	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
201	201	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
201	201	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
201	201	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
201	201	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
201	201	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
201	201	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
201	201	0	7440508	Copper	1	0.00E+00	2.81E-07	1
201	201	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
201	201	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1
201	201	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
201	201	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
201	201	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
202	202	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
202	202	0	9901	DPM	1	6.71E-01	0.00E+00	1
202	202	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
202	202	0	71432	Benzene	1	4.53E-01	3.08E-05	1
202	202	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
202	202	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
202	202	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
202	202	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
202	202	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
202	202	0	108883	Toluene	1	4.06E-01	2.76E-05	1
202	202	0	110543	Hexane	1	0.00E+00	9.22E-07	1
202	202	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
202	202	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
202	202	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
202	202	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
202	202	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
202	202	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
202	202	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
202	202	0	7440508	Copper	1	0.00E+00	1.41E-07	1
202	202	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
202	202	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
202	202	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
202	202	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
202	202	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
203	203	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
203	203	0	9901	DPM	1	8.48E-01	0.00E+00	1
203	203	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
203	203	0	71432	Benzene	1	1.25E+00	9.24E-05	1
203	203	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
203	203	0	91203	PAHs[Napth]	1	5.12E-03	2.03E-06	1
203	203	0	100414	Ethylbenzene	1	2.49E-01	1.84E-05	1
203	203	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
203	203	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
203	203	0	108883	Toluene	1	1.12E+00	8.28E-05	1
203	203	0	110543	Hexane	1	0.00E+00	2.77E-06	1
203	203	0	1330207	Xylenes	1	7.72E-01	5.72E-05	1
203	203	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
203	203	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
203	203	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
203	203	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
203	203	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
203	203	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
203	203	0	7440508	Copper	1	0.00E+00	4.22E-07	1
203	203	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
203	203	0	7664417	Ammonia	1	2.14E-03	1.99E-03	1
203	203	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
203	203	0	7783064	Hydrogensulfide	1	4.70E-03	3.50E-07	1
203	203	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
204	204	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
204	204	0	9901	DPM	1	6.71E-01	0.00E+00	1
204	204	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
204	204	0	71432	Benzene	1	4.53E-01	3.08E-05	1
204	204	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
204	204	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
204	204	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
204	204	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
204	204	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
204	204	0	108883	Toluene	1	4.06E-01	2.76E-05	1
204	204	0	110543	Hexane	1	0.00E+00	9.22E-07	1
204	204	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
204	204	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
204	204	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
204	204	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
204	204	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
204	204	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
204	204	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
204	204	0	7440508	Copper	1	0.00E+00	1.41E-07	1
204	204	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
204	204	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
204	204	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
204	204	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
204	204	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
205	205	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
205	205	0	9901	DPM	1	6.71E-01	0.00E+00	1
205	205	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
205	205	0	71432	Benzene	1	5.05E-01	3.08E-05	1
205	205	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
205	205	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
205	205	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
205	205	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
205	205	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
205	205	0	108883	Toluene	1	4.53E-01	2.76E-05	1
205	205	0	110543	Hexane	1	0.00E+00	9.22E-07	1
205	205	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
205	205	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
205	205	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
205	205	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
205	205	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
205	205	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
205	205	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
205	205	0	7440508	Copper	1	0.00E+00	1.41E-07	1
205	205	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
205	205	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
205	205	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
205	205	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
205	205	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
206	206	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
206	206	0	9901	DPM	1	7.59E-01	0.00E+00	1
206	206	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
206	206	0	71432	Benzene	1	7.42E-01	6.16E-05	1
206	206	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
206	206	0	91203	PAHs[Napth]	1	3.06E-03	1.35E-06	1
206	206	0	100414	Ethylbenzene	1	1.48E-01	1.23E-05	1
206	206	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
206	206	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
206	206	0	108883	Toluene	1	6.64E-01	5.52E-05	1
206	206	0	110543	Hexane	1	0.00E+00	1.84E-06	1
206	206	0	1330207	Xylenes	1	4.59E-01	3.81E-05	1
206	206	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
206	206	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
206	206	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
206	206	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
206	206	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
206	206	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
206	206	0	7440508	Copper	1	0.00E+00	2.81E-07	1
206	206	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
206	206	0	7664417	Ammonia	1	1.28E-03	1.33E-03	1
206	206	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
206	206	0	7783064	Hydrogensulfide	1	2.81E-03	2.33E-07	1
206	206	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
207	207	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
207	207	0	9901	DPM	1	5.82E-01	0.00E+00	1
207	207	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
207	207	0	71432	Benzene	1	5.18E-02	5.92E-06	1
207	207	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
207	207	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
207	207	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
207	207	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
207	207	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
207	207	0	108883	Toluene	1	4.65E-02	5.31E-06	1
207	207	0	110543	Hexane	1	0.00E+00	2.18E-07	1
207	207	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
207	207	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
207	207	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
207	207	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
207	207	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
207	207	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
207	207	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
207	207	0	7440508	Copper	1	0.00E+00	3.32E-08	1
207	207	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
207	207	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
207	207	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
207	207	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
207	207	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
208	208	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
208	208	0	9901	DPM	1	8.91E-02	0.00E+00	1
208	208	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
208	208	0	71432	Benzene	1	3.71E-01	3.08E-05	1
208	208	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
208	208	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
208	208	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
208	208	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
208	208	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
208	208	0	108883	Toluene	1	3.32E-01	2.76E-05	1
208	208	0	110543	Hexane	1	0.00E+00	9.22E-07	1
208	208	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
208	208	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
208	208	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
208	208	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
208	208	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
208	208	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
208	208	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
208	208	0	7440508	Copper	1	0.00E+00	1.41E-07	1
208	208	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
208	208	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
208	208	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
208	208	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
208	208	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
209	209	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
209	209	0	9901	DPM	1	6.71E-01	0.00E+00	1
209	209	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
209	209	0	71432	Benzene	1	3.71E-01	3.08E-05	1
209	209	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
209	209	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
209	209	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
209	209	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
209	209	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
209	209	0	108883	Toluene	1	3.32E-01	2.76E-05	1
209	209	0	110543	Hexane	1	0.00E+00	9.22E-07	1
209	209	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
209	209	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
209	209	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
209	209	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
209	209	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
209	209	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
209	209	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
209	209	0	7440508	Copper	1	0.00E+00	1.41E-07	1
209	209	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
209	209	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
209	209	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
209	209	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
209	209	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
210	210	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
210	210	0	9901	DPM	1	6.71E-01	0.00E+00	1
210	210	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
210	210	0	71432	Benzene	1	4.53E-01	3.08E-05	1
210	210	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
210	210	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
210	210	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
210	210	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
210	210	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
210	210	0	108883	Toluene	1	4.06E-01	2.76E-05	1
210	210	0	110543	Hexane	1	0.00E+00	9.22E-07	1
210	210	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
210	210	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
210	210	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
210	210	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
210	210	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
210	210	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
210	210	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
210	210	0	7440508	Copper	1	0.00E+00	1.41E-07	1
210	210	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
210	210	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
210	210	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
210	210	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
210	210	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
211	211	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
211	211	0	9901	DPM	1	7.59E-01	0.00E+00	1
211	211	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
211	211	0	71432	Benzene	1	8.24E-01	6.16E-05	1
211	211	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
211	211	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
211	211	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
211	211	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
211	211	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
211	211	0	108883	Toluene	1	7.38E-01	5.52E-05	1
211	211	0	110543	Hexane	1	0.00E+00	1.84E-06	1
211	211	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
211	211	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
211	211	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
211	211	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
211	211	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
211	211	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
211	211	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
211	211	0	7440508	Copper	1	0.00E+00	2.81E-07	1
211	211	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
211	211	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
211	211	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
211	211	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
211	211	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
212	212	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
212	212	0	9901	DPM	1	7.59E-01	0.00E+00	1
212	212	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
212	212	0	71432	Benzene	1	9.28E-01	6.16E-05	1
212	212	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
212	212	0	91203	PAHs[Napth]	1	3.81E-03	1.35E-06	1
212	212	0	100414	Ethylbenzene	1	1.85E-01	1.23E-05	1
212	212	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
212	212	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
212	212	0	108883	Toluene	1	8.31E-01	5.52E-05	1
212	212	0	110543	Hexane	1	0.00E+00	1.84E-06	1
212	212	0	1330207	Xylenes	1	5.75E-01	3.81E-05	1
212	212	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
212	212	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
212	212	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
212	212	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
212	212	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
212	212	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
212	212	0	7440508	Copper	1	0.00E+00	2.81E-07	1
212	212	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
212	212	0	7664417	Ammonia	1	1.59E-03	1.33E-03	1
212	212	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
212	212	0	7783064	Hydrogensulfide	1	3.49E-03	2.33E-07	1
212	212	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
213	213	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
213	213	0	9901	DPM	1	8.48E-01	0.00E+00	1
213	213	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
213	213	0	71432	Benzene	1	1.36E+00	9.24E-05	1
213	213	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
213	213	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
213	213	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
213	213	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
213	213	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
213	213	0	108883	Toluene	1	1.22E+00	8.28E-05	1
213	213	0	110543	Hexane	1	0.00E+00	2.77E-06	1
213	213	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
213	213	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
213	213	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
213	213	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
213	213	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
213	213	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
213	213	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
213	213	0	7440508	Copper	1	0.00E+00	4.22E-07	1
213	213	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
213	213	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
213	213	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
213	213	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
213	213	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
214	214	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
214	214	0	9901	DPM	1	5.82E-01	0.00E+00	1
214	214	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
214	214	0	71432	Benzene	1	5.18E-02	5.92E-06	1
214	214	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
214	214	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
214	214	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
214	214	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
214	214	0	107028	Acrolein	1	0.00E+00	2.74E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
214	214	0	108883	Toluene	1	4.65E-02	5.31E-06	1
214	214	0	110543	Hexane	1	0.00E+00	2.18E-07	1
214	214	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
214	214	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
214	214	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
214	214	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
214	214	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
214	214	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
214	214	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
214	214	0	7440508	Copper	1	0.00E+00	3.32E-08	1
214	214	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
214	214	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
214	214	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
214	214	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
214	214	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
215	215	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
215	215	0	9901	DPM	1	6.71E-01	0.00E+00	1
215	215	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
215	215	0	71432	Benzene	1	4.53E-01	3.08E-05	1
215	215	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
215	215	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
215	215	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
215	215	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
215	215	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
215	215	0	108883	Toluene	1	4.06E-01	2.76E-05	1
215	215	0	110543	Hexane	1	0.00E+00	9.22E-07	1
215	215	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
215	215	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
215	215	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
215	215	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
215	215	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
215	215	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
215	215	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
215	215	0	7440508	Copper	1	0.00E+00	1.41E-07	1
215	215	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
215	215	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
215	215	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
215	215	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
215	215	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
216	216	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
216	216	0	9901	DPM	1	6.71E-01	0.00E+00	1
216	216	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
216	216	0	71432	Benzene	1	5.05E-01	3.08E-05	1
216	216	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
216	216	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
216	216	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
216	216	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
216	216	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
216	216	0	108883	Toluene	1	4.53E-01	2.76E-05	1
216	216	0	110543	Hexane	1	0.00E+00	9.22E-07	1
216	216	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
216	216	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
216	216	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
216	216	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
216	216	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
216	216	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
216	216	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
216	216	0	7440508	Copper	1	0.00E+00	1.41E-07	1
216	216	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
216	216	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
216	216	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
216	216	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
216	216	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
217	217	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
217	217	0	9901	DPM	1	6.71E-01	0.00E+00	1
217	217	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
217	217	0	71432	Benzene	1	4.53E-01	3.08E-05	1
217	217	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
217	217	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
217	217	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
217	217	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
217	217	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
217	217	0	108883	Toluene	1	4.06E-01	2.76E-05	1
217	217	0	110543	Hexane	1	0.00E+00	9.22E-07	1
217	217	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
217	217	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
217	217	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
217	217	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
217	217	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
217	217	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
217	217	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
217	217	0	7440508	Copper	1	0.00E+00	1.41E-07	1
217	217	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
217	217	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
217	217	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
217	217	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
217	217	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
218	218	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
218	218	0	9901	DPM	1	6.71E-01	0.00E+00	1
218	218	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
218	218	0	71432	Benzene	1	4.53E-01	3.08E-05	1
218	218	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
218	218	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
218	218	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
218	218	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
218	218	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
218	218	0	108883	Toluene	1	4.06E-01	2.76E-05	1
218	218	0	110543	Hexane	1	0.00E+00	9.22E-07	1
218	218	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
218	218	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
218	218	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
218	218	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
218	218	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
218	218	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
218	218	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
218	218	0	7440508	Copper	1	0.00E+00	1.41E-07	1
218	218	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
218	218	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
218	218	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
218	218	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
218	218	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
219	219	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
219	219	0	9901	DPM	1	6.71E-01	0.00E+00	1
219	219	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
219	219	0	71432	Benzene	1	5.57E-01	3.28E-05	1
219	219	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
219	219	0	91203	PAHs[Napth]	1	2.28E-03	6.75E-07	1
219	219	0	100414	Ethylbenzene	1	1.11E-01	6.56E-06	1
219	219	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
219	219	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
219	219	0	108883	Toluene	1	4.99E-01	2.94E-05	1
219	219	0	110543	Hexane	1	0.00E+00	9.22E-07	1
219	219	0	1330207	Xylenes	1	3.45E-01	2.03E-05	1
219	219	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
219	219	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
219	219	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
219	219	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
219	219	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
219	219	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
219	219	0	7440508	Copper	1	0.00E+00	1.41E-07	1
219	219	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
219	219	0	7664417	Ammonia	1	9.50E-04	6.63E-04	1
219	219	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
219	219	0	7783064	Hydrogensulfide	1	2.09E-03	1.22E-07	1
219	219	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
220	220	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
220	220	0	9901	DPM	1	5.82E-01	0.00E+00	1
220	220	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
220	220	0	71432	Benzene	1	5.18E-02	5.92E-06	1
220	220	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
220	220	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
220	220	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
220	220	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
220	220	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
220	220	0	108883	Toluene	1	4.65E-02	5.31E-06	1
220	220	0	110543	Hexane	1	0.00E+00	2.18E-07	1
220	220	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
220	220	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
220	220	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
220	220	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
220	220	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
220	220	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
220	220	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
220	220	0	7440508	Copper	1	0.00E+00	3.32E-08	1
220	220	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
220	220	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
220	220	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
220	220	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
220	220	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
221	221	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
221	221	0	9901	DPM	1	6.71E-01	0.00E+00	1
221	221	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
221	221	0	71432	Benzene	1	4.53E-01	3.08E-05	1
221	221	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
221	221	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
221	221	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
221	221	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
221	221	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
221	221	0	108883	Toluene	1	4.06E-01	2.76E-05	1
221	221	0	110543	Hexane	1	0.00E+00	9.22E-07	1
221	221	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
221	221	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
221	221	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
221	221	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
221	221	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
221	221	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
221	221	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
221	221	0	7440508	Copper	1	0.00E+00	1.41E-07	1
221	221	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
221	221	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
221	221	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
221	221	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
221	221	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
222	222	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
222	222	0	9901	DPM	1	6.71E-01	0.00E+00	1
222	222	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
222	222	0	71432	Benzene	1	4.53E-01	3.08E-05	1
222	222	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
222	222	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
222	222	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
222	222	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
222	222	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
222	222	0	108883	Toluene	1	4.06E-01	2.76E-05	1
222	222	0	110543	Hexane	1	0.00E+00	9.22E-07	1
222	222	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
222	222	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
222	222	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
222	222	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
222	222	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
222	222	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
222	222	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
222	222	0	7440508	Copper	1	0.00E+00	1.41E-07	1
222	222	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
222	222	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
222	222	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
222	222	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
222	222	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
223	223	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
223	223	0	9901	DPM	1	6.71E-01	0.00E+00	1
223	223	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
223	223	0	71432	Benzene	1	4.23E-01	3.08E-05	1
223	223	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
223	223	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
223	223	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
223	223	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
223	223	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
223	223	0	108883	Toluene	1	3.79E-01	2.76E-05	1
223	223	0	110543	Hexane	1	0.00E+00	9.22E-07	1
223	223	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
223	223	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
223	223	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
223	223	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
223	223	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
223	223	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
223	223	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
223	223	0	7440508	Copper	1	0.00E+00	1.41E-07	1
223	223	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
223	223	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
223	223	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
223	223	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
223	223	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
224	224	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
224	224	0	9901	DPM	1	5.82E-01	0.00E+00	1
224	224	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
224	224	0	71432	Benzene	1	5.18E-02	5.92E-06	1
224	224	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
224	224	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
224	224	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
224	224	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
224	224	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
224	224	0	108883	Toluene	1	4.65E-02	5.31E-06	1
224	224	0	110543	Hexane	1	0.00E+00	2.18E-07	1
224	224	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
224	224	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
224	224	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
224	224	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
224	224	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
224	224	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
224	224	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
224	224	0	7440508	Copper	1	0.00E+00	3.32E-08	1
224	224	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
224	224	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
224	224	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
224	224	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
224	224	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
225	225	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
225	225	0	9901	DPM	1	7.59E-01	0.00E+00	1
225	225	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
225	225	0	71432	Benzene	1	7.42E-01	6.16E-05	1
225	225	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
225	225	0	91203	PAHs[Napth]	1	3.06E-03	1.35E-06	1
225	225	0	100414	Ethylbenzene	1	1.48E-01	1.23E-05	1
225	225	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
225	225	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
225	225	0	108883	Toluene	1	6.64E-01	5.52E-05	1
225	225	0	110543	Hexane	1	0.00E+00	1.84E-06	1
225	225	0	1330207	Xylenes	1	4.59E-01	3.81E-05	1
225	225	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
225	225	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
225	225	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
225	225	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
225	225	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
225	225	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
225	225	0	7440508	Copper	1	0.00E+00	2.81E-07	1
225	225	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
225	225	0	7664417	Ammonia	1	1.28E-03	1.33E-03	1
225	225	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
225	225	0	7783064	Hydrogensulfide	1	2.81E-03	2.33E-07	1
225	225	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
226	226	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
226	226	0	9901	DPM	1	6.71E-01	0.00E+00	1
226	226	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
226	226	0	71432	Benzene	1	4.53E-01	3.08E-05	1
226	226	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
226	226	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
226	226	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
226	226	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
226	226	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
226	226	0	108883	Toluene	1	4.06E-01	2.76E-05	1
226	226	0	110543	Hexane	1	0.00E+00	9.22E-07	1
226	226	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
226	226	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
226	226	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
226	226	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
226	226	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
226	226	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
226	226	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
226	226	0	7440508	Copper	1	0.00E+00	1.41E-07	1
226	226	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
226	226	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
226	226	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
226	226	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
226	226	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
227	227	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
227	227	0	9901	DPM	1	6.71E-01	0.00E+00	1
227	227	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
227	227	0	71432	Benzene	1	3.71E-01	3.08E-05	1
227	227	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
227	227	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
227	227	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
227	227	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
227	227	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
227	227	0	108883	Toluene	1	3.32E-01	2.76E-05	1
227	227	0	110543	Hexane	1	0.00E+00	9.22E-07	1
227	227	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
227	227	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
227	227	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
227	227	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
227	227	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
227	227	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
227	227	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
227	227	0	7440508	Copper	1	0.00E+00	1.41E-07	1
227	227	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
227	227	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
227	227	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
227	227	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
227	227	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
228	228	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
228	228	0	9901	DPM	1	7.59E-01	0.00E+00	1
228	228	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
228	228	0	71432	Benzene	1	8.24E-01	6.16E-05	1
228	228	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
228	228	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
228	228	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
228	228	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
228	228	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
228	228	0	108883	Toluene	1	7.38E-01	5.52E-05	1
228	228	0	110543	Hexane	1	0.00E+00	1.84E-06	1
228	228	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
228	228	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
228	228	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
228	228	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
228	228	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
228	228	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
228	228	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
228	228	0	7440508	Copper	1	0.00E+00	2.81E-07	1
228	228	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
228	228	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
228	228	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
228	228	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
228	228	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
229	229	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
229	229	0	9901	DPM	1	5.82E-01	0.00E+00	1
229	229	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
229	229	0	71432	Benzene	1	5.18E-02	5.92E-06	1
229	229	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
229	229	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
229	229	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
229	229	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
229	229	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
229	229	0	108883	Toluene	1	4.65E-02	5.31E-06	1
229	229	0	110543	Hexane	1	0.00E+00	2.18E-07	1
229	229	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
229	229	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
229	229	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
229	229	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
229	229	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
229	229	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
229	229	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
229	229	0	7440508	Copper	1	0.00E+00	3.32E-08	1
229	229	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
229	229	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
229	229	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
229	229	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
229	229	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
230	230	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
230	230	0	9901	DPM	1	5.82E-01	0.00E+00	1
230	230	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
230	230	0	71432	Benzene	1	1.04E-01	1.18E-05	1
230	230	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
230	230	0	91203	PAHs[Napth]	1	4.29E-04	1.59E-07	1
230	230	0	100414	Ethylbenzene	1	2.07E-02	2.37E-06	1
230	230	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
230	230	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
230	230	0	108883	Toluene	1	9.30E-02	1.06E-05	1
230	230	0	110543	Hexane	1	0.00E+00	2.18E-07	1
230	230	0	1330207	Xylenes	1	6.44E-02	7.35E-06	1
230	230	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
230	230	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
230	230	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
230	230	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
230	230	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
230	230	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
230	230	0	7440508	Copper	1	0.00E+00	3.32E-08	1
230	230	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
230	230	0	7664417	Ammonia	1	1.79E-04	2.35E-04	1
230	230	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
230	230	0	7783064	Hydrogensulfide	1	3.93E-04	4.49E-08	1
230	230	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
231	231	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
231	231	0	9901	DPM	1	6.71E-01	0.00E+00	1
231	231	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
231	231	0	71432	Benzene	1	4.53E-01	3.08E-05	1
231	231	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
231	231	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
231	231	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
231	231	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
231	231	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
231	231	0	108883	Toluene	1	4.06E-01	2.76E-05	1
231	231	0	110543	Hexane	1	0.00E+00	9.22E-07	1
231	231	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
231	231	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
231	231	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
231	231	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
231	231	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
231	231	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
231	231	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
231	231	0	7440508	Copper	1	0.00E+00	1.41E-07	1
231	231	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
231	231	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
231	231	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
231	231	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
231	231	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
232	232	0	1151	PAHs[Napth]	1	0.00E+00	1.15E-05	1
232	232	0	9901	DPM	1	1.11E+00	0.00E+00	1
232	232	0	50000	Formaldehyde	1	0.00E+00	3.55E-04	1
232	232	0	71432	Benzene	1	2.64E+00	1.85E-04	1
232	232	0	75070	Acetaldehyde	1	0.00E+00	1.61E-04	1
232	232	0	91203	PAHs[Napth]	1	1.08E-02	4.05E-06	1
232	232	0	100414	Ethylbenzene	1	5.27E-01	3.69E-05	1
232	232	0	106990	Butadiene[13]	1	0.00E+00	4.47E-05	1
232	232	0	107028	Acrolein	1	0.00E+00	6.97E-06	1
232	232	0	108883	Toluene	1	2.36E+00	1.66E-04	1
232	232	0	110543	Hexane	1	0.00E+00	5.53E-06	1
232	232	0	1330207	Xylenes	1	1.63E+00	1.14E-04	1
232	232	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.71E-06	1
232	232	0	7439965	Manganese	1	0.00E+00	6.37E-07	1
232	232	0	7439976	Mercury	1	0.00E+00	4.11E-07	1
232	232	0	7440020	Nickel	1	0.00E+00	8.02E-07	1
232	232	0	7440382	Arsenic	1	0.00E+00	3.29E-07	1
232	232	0	7440439	Cadmium	1	0.00E+00	3.08E-07	1
232	232	0	7440508	Copper	1	0.00E+00	8.43E-07	1
232	232	0	7647010	Hydrochloricacid	1	0.00E+00	3.83E-05	1
232	232	0	7664417	Ammonia	1	4.50E-03	3.98E-03	1
232	232	0	7782492	Selenium	1	0.00E+00	4.52E-07	1
232	232	0	7783064	Hydrogensulfide	1	9.88E-03	6.99E-07	1
232	232	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.06E-08	1
233	233	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
233	233	0	9901	DPM	1	9.37E-01	0.00E+00	1
233	233	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
233	233	0	71432	Benzene	1	1.70E+00	1.23E-04	1
233	233	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
233	233	0	91203	PAHs[Napth]	1	6.97E-03	2.70E-06	1
233	233	0	100414	Ethylbenzene	1	3.39E-01	2.46E-05	1
233	233	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
233	233	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
233	233	0	108883	Toluene	1	1.52E+00	1.10E-04	1
233	233	0	110543	Hexane	1	0.00E+00	3.69E-06	1
233	233	0	1330207	Xylenes	1	1.05E+00	7.63E-05	1
233	233	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
233	233	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
233	233	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
233	233	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
233	233	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
233	233	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
233	233	0	7440508	Copper	1	0.00E+00	5.62E-07	1
233	233	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
233	233	0	7664417	Ammonia	1	2.91E-03	2.65E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
233	233	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
233	233	0	7783064	Hydrogensulfide	1	6.39E-03	4.66E-07	1
233	233	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
234	234	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
234	234	0	9901	DPM	1	7.59E-01	0.00E+00	1
234	234	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
234	234	0	71432	Benzene	1	9.58E-01	6.16E-05	1
234	234	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
234	234	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
234	234	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
234	234	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
234	234	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
234	234	0	108883	Toluene	1	8.59E-01	5.52E-05	1
234	234	0	110543	Hexane	1	0.00E+00	1.84E-06	1
234	234	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
234	234	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
234	234	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
234	234	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
234	234	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
234	234	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
234	234	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
234	234	0	7440508	Copper	1	0.00E+00	2.81E-07	1
234	234	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
234	234	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1
234	234	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
234	234	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
234	234	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
235	235	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
235	235	0	9901	DPM	1	9.26E-02	0.00E+00	1
235	235	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
235	235	0	71432	Benzene	1	4.53E-01	3.08E-05	1
235	235	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
235	235	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
235	235	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
235	235	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
235	235	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
235	235	0	108883	Toluene	1	4.06E-01	2.76E-05	1
235	235	0	110543	Hexane	1	0.00E+00	9.22E-07	1
235	235	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
235	235	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
235	235	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
235	235	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
235	235	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
235	235	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
235	235	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
235	235	0	7440508	Copper	1	0.00E+00	1.41E-07	1
235	235	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
235	235	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
235	235	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
235	235	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
235	235	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
236	236	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
236	236	0	9901	DPM	1	6.71E-01	0.00E+00	1
236	236	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
236	236	0	71432	Benzene	1	4.53E-01	3.08E-05	1
236	236	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
236	236	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
236	236	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
236	236	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
236	236	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
236	236	0	108883	Toluene	1	4.06E-01	2.76E-05	1
236	236	0	110543	Hexane	1	0.00E+00	9.22E-07	1
236	236	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
236	236	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
236	236	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
236	236	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
236	236	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
236	236	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
236	236	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
236	236	0	7440508	Copper	1	0.00E+00	1.41E-07	1
236	236	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
236	236	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
236	236	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
236	236	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
236	236	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
237	237	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
237	237	0	9901	DPM	1	6.71E-01	0.00E+00	1
237	237	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
237	237	0	71432	Benzene	1	4.53E-01	3.08E-05	1
237	237	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
237	237	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
237	237	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
237	237	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
237	237	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
237	237	0	108883	Toluene	1	4.06E-01	2.76E-05	1
237	237	0	110543	Hexane	1	0.00E+00	9.22E-07	1
237	237	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
237	237	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
237	237	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
237	237	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
237	237	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
237	237	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
237	237	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
237	237	0	7440508	Copper	1	0.00E+00	1.41E-07	1
237	237	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
237	237	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
237	237	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
237	237	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
237	237	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
238	238	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
238	238	0	9901	DPM	1	6.71E-01	0.00E+00	1
238	238	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
238	238	0	71432	Benzene	1	5.05E-01	3.08E-05	1
238	238	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
238	238	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
238	238	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
238	238	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
238	238	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
238	238	0	108883	Toluene	1	4.53E-01	2.76E-05	1
238	238	0	110543	Hexane	1	0.00E+00	9.22E-07	1
238	238	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
238	238	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
238	238	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
238	238	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
238	238	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
238	238	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
238	238	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
238	238	0	7440508	Copper	1	0.00E+00	1.41E-07	1
238	238	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
238	238	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
238	238	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
238	238	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
238	238	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
239	239	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
239	239	0	9901	DPM	1	6.71E-01	0.00E+00	1
239	239	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
239	239	0	71432	Benzene	1	3.71E-01	3.08E-05	1
239	239	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
239	239	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
239	239	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
239	239	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
239	239	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
239	239	0	108883	Toluene	1	3.32E-01	2.76E-05	1
239	239	0	110543	Hexane	1	0.00E+00	9.22E-07	1
239	239	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
239	239	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
239	239	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
239	239	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
239	239	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
239	239	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
239	239	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
239	239	0	7440508	Copper	1	0.00E+00	1.41E-07	1
239	239	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
239	239	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
239	239	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
239	239	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
239	239	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
240	240	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
240	240	0	9901	DPM	1	6.71E-01	0.00E+00	1
240	240	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
240	240	0	71432	Benzene	1	4.23E-01	3.08E-05	1
240	240	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
240	240	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
240	240	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
240	240	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
240	240	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
240	240	0	108883	Toluene	1	3.79E-01	2.76E-05	1
240	240	0	110543	Hexane	1	0.00E+00	9.22E-07	1
240	240	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
240	240	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
240	240	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
240	240	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
240	240	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
240	240	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
240	240	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
240	240	0	7440508	Copper	1	0.00E+00	1.41E-07	1
240	240	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
240	240	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
240	240	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
240	240	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
240	240	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
241	241	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
241	241	0	9901	DPM	1	6.71E-01	0.00E+00	1
241	241	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
241	241	0	71432	Benzene	1	4.53E-01	3.08E-05	1
241	241	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
241	241	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
241	241	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
241	241	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
241	241	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
241	241	0	108883	Toluene	1	4.06E-01	2.76E-05	1
241	241	0	110543	Hexane	1	0.00E+00	9.22E-07	1
241	241	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
241	241	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
241	241	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
241	241	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
241	241	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
241	241	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
241	241	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
241	241	0	7440508	Copper	1	0.00E+00	1.41E-07	1
241	241	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
241	241	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
241	241	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
241	241	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
241	241	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
242	242	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
242	242	0	9901	DPM	1	1.03E+00	0.00E+00	1
242	242	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
242	242	0	71432	Benzene	1	2.29E+00	1.54E-04	1
242	242	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
242	242	0	91203	PAHs[Napth]	1	9.34E-03	3.38E-06	1
242	242	0	100414	Ethylbenzene	1	4.57E-01	3.07E-05	1
242	242	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
242	242	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
242	242	0	108883	Toluene	1	2.05E+00	1.38E-04	1
242	242	0	110543	Hexane	1	0.00E+00	4.61E-06	1
242	242	0	1330207	Xylenes	1	1.42E+00	9.53E-05	1
242	242	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
242	242	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
242	242	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
242	242	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
242	242	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
242	242	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
242	242	0	7440508	Copper	1	0.00E+00	7.03E-07	1
242	242	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
242	242	0	7664417	Ammonia	1	3.90E-03	3.31E-03	1
242	242	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
242	242	0	7783064	Hydrogensulfide	1	8.58E-03	5.83E-07	1
242	242	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
243	243	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
243	243	0	9901	DPM	1	5.82E-01	0.00E+00	1
243	243	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
243	243	0	71432	Benzene	1	1.56E-01	1.78E-05	1
243	243	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
243	243	0	91203	PAHs[Napth]	1	6.44E-04	1.59E-07	1
243	243	0	100414	Ethylbenzene	1	3.11E-02	3.55E-06	1
243	243	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
243	243	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
243	243	0	108883	Toluene	1	1.39E-01	1.59E-05	1
243	243	0	110543	Hexane	1	0.00E+00	2.18E-07	1
243	243	0	1330207	Xylenes	1	9.65E-02	1.10E-05	1
243	243	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
243	243	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
243	243	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
243	243	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
243	243	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
243	243	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
243	243	0	7440508	Copper	1	0.00E+00	3.32E-08	1
243	243	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
243	243	0	7664417	Ammonia	1	2.68E-04	2.35E-04	1
243	243	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
243	243	0	7783064	Hydrogensulfide	1	5.90E-04	6.73E-08	1
243	243	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
244	244	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
244	244	0	9901	DPM	1	6.71E-01	0.00E+00	1
244	244	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
244	244	0	71432	Benzene	1	4.53E-01	3.08E-05	1
244	244	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
244	244	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
244	244	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
244	244	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
244	244	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
244	244	0	108883	Toluene	1	4.06E-01	2.76E-05	1
244	244	0	110543	Hexane	1	0.00E+00	9.22E-07	1
244	244	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
244	244	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
244	244	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
244	244	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
244	244	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
244	244	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
244	244	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
244	244	0	7440508	Copper	1	0.00E+00	1.41E-07	1
244	244	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
244	244	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
244	244	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
244	244	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
244	244	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
245	245	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
245	245	0	9901	DPM	1	6.71E-01	0.00E+00	1
245	245	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
245	245	0	71432	Benzene	1	4.53E-01	3.08E-05	1
245	245	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
245	245	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
245	245	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
245	245	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
245	245	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
245	245	0	108883	Toluene	1	4.06E-01	2.76E-05	1
245	245	0	110543	Hexane	1	0.00E+00	9.22E-07	1
245	245	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
245	245	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
245	245	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
245	245	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
245	245	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
245	245	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
245	245	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
245	245	0	7440508	Copper	1	0.00E+00	1.41E-07	1
245	245	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
245	245	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
245	245	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
245	245	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
245	245	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
246	246	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
246	246	0	9901	DPM	1	7.59E-01	0.00E+00	1
246	246	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
246	246	0	71432	Benzene	1	8.76E-01	6.16E-05	1
246	246	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
246	246	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
246	246	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
246	246	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
246	246	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
246	246	0	108883	Toluene	1	7.85E-01	5.52E-05	1
246	246	0	110543	Hexane	1	0.00E+00	1.84E-06	1
246	246	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
246	246	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
246	246	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
246	246	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
246	246	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
246	246	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
246	246	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
246	246	0	7440508	Copper	1	0.00E+00	2.81E-07	1
246	246	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
246	246	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
246	246	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
246	246	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
246	246	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
247	247	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
247	247	0	9901	DPM	1	6.71E-01	0.00E+00	1
247	247	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
247	247	0	71432	Benzene	1	3.71E-01	3.08E-05	1
247	247	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
247	247	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
247	247	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
247	247	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
247	247	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
247	247	0	108883	Toluene	1	3.32E-01	2.76E-05	1
247	247	0	110543	Hexane	1	0.00E+00	9.22E-07	1
247	247	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
247	247	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
247	247	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
247	247	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
247	247	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
247	247	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
247	247	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
247	247	0	7440508	Copper	1	0.00E+00	1.41E-07	1
247	247	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
247	247	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
247	247	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
247	247	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
247	247	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
248	248	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
248	248	0	9901	DPM	1	6.71E-01	0.00E+00	1
248	248	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
248	248	0	71432	Benzene	1	5.05E-01	3.08E-05	1
248	248	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
248	248	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
248	248	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
248	248	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
248	248	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
248	248	0	108883	Toluene	1	4.53E-01	2.76E-05	1
248	248	0	110543	Hexane	1	0.00E+00	9.22E-07	1
248	248	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
248	248	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
248	248	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
248	248	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
248	248	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
248	248	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
248	248	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
248	248	0	7440508	Copper	1	0.00E+00	1.41E-07	1
248	248	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
248	248	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
248	248	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
248	248	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
248	248	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
249	249	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
249	249	0	9901	DPM	1	6.71E-01	0.00E+00	1
249	249	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
249	249	0	71432	Benzene	1	3.71E-01	3.08E-05	1
249	249	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
249	249	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
249	249	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
249	249	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
249	249	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
249	249	0	108883	Toluene	1	3.32E-01	2.76E-05	1
249	249	0	110543	Hexane	1	0.00E+00	9.22E-07	1
249	249	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
249	249	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
249	249	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
249	249	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
249	249	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
249	249	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
249	249	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
249	249	0	7440508	Copper	1	0.00E+00	1.41E-07	1
249	249	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
249	249	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
249	249	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
249	249	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
249	249	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
250	250	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
250	250	0	9901	DPM	1	6.71E-01	0.00E+00	1
250	250	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
250	250	0	71432	Benzene	1	5.05E-01	3.08E-05	1
250	250	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
250	250	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
250	250	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
250	250	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
250	250	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
250	250	0	108883	Toluene	1	4.53E-01	2.76E-05	1
250	250	0	110543	Hexane	1	0.00E+00	9.22E-07	1
250	250	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
250	250	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
250	250	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
250	250	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
250	250	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
250	250	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
250	250	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
250	250	0	7440508	Copper	1	0.00E+00	1.41E-07	1
250	250	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
250	250	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
250	250	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
250	250	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
250	250	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
251	251	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
251	251	0	9901	DPM	1	5.82E-01	0.00E+00	1
251	251	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
251	251	0	71432	Benzene	1	5.18E-02	5.92E-06	1
251	251	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
251	251	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
251	251	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
251	251	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
251	251	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
251	251	0	108883	Toluene	1	4.65E-02	5.31E-06	1
251	251	0	110543	Hexane	1	0.00E+00	2.18E-07	1
251	251	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
251	251	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
251	251	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
251	251	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
251	251	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
251	251	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
251	251	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
251	251	0	7440508	Copper	1	0.00E+00	3.32E-08	1
251	251	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
251	251	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
251	251	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
251	251	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
251	251	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
252	252	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
252	252	0	9901	DPM	1	6.71E-01	0.00E+00	1
252	252	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
252	252	0	71432	Benzene	1	4.53E-01	3.08E-05	1
252	252	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
252	252	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
252	252	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
252	252	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
252	252	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
252	252	0	108883	Toluene	1	4.06E-01	2.76E-05	1
252	252	0	110543	Hexane	1	0.00E+00	9.22E-07	1
252	252	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
252	252	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
252	252	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
252	252	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
252	252	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
252	252	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
252	252	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
252	252	0	7440508	Copper	1	0.00E+00	1.41E-07	1
252	252	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
252	252	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
252	252	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
252	252	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
252	252	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
253	253	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
253	253	0	9901	DPM	1	7.59E-01	0.00E+00	1
253	253	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
253	253	0	71432	Benzene	1	8.24E-01	6.16E-05	1
253	253	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
253	253	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
253	253	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
253	253	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
253	253	0	107028	Acrolein	1	0.00E+00	2.32E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
253	253	0	108883	Toluene	1	7.38E-01	5.52E-05	1
253	253	0	110543	Hexane	1	0.00E+00	1.84E-06	1
253	253	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
253	253	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
253	253	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
253	253	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
253	253	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
253	253	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
253	253	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
253	253	0	7440508	Copper	1	0.00E+00	2.81E-07	1
253	253	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
253	253	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
253	253	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
253	253	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
253	253	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
254	254	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
254	254	0	9901	DPM	1	5.82E-01	0.00E+00	1
254	254	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
254	254	0	71432	Benzene	1	5.18E-02	5.92E-06	1
254	254	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
254	254	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
254	254	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
254	254	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
254	254	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
254	254	0	108883	Toluene	1	4.65E-02	5.31E-06	1
254	254	0	110543	Hexane	1	0.00E+00	2.18E-07	1
254	254	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
254	254	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
254	254	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
254	254	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
254	254	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
254	254	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
254	254	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
254	254	0	7440508	Copper	1	0.00E+00	3.32E-08	1
254	254	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
254	254	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
254	254	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
254	254	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
254	254	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
255	255	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
255	255	0	9901	DPM	1	7.59E-01	0.00E+00	1
255	255	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
255	255	0	71432	Benzene	1	9.07E-01	6.16E-05	1
255	255	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
255	255	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
255	255	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
255	255	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
255	255	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
255	255	0	108883	Toluene	1	8.12E-01	5.52E-05	1
255	255	0	110543	Hexane	1	0.00E+00	1.84E-06	1
255	255	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
255	255	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
255	255	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
255	255	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
255	255	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
255	255	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
255	255	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
255	255	0	7440508	Copper	1	0.00E+00	2.81E-07	1
255	255	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
255	255	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
255	255	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
255	255	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
255	255	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
256	256	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
256	256	0	9901	DPM	1	6.71E-01	0.00E+00	1
256	256	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
256	256	0	71432	Benzene	1	4.53E-01	3.08E-05	1
256	256	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
256	256	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
256	256	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
256	256	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
256	256	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
256	256	0	108883	Toluene	1	4.06E-01	2.76E-05	1
256	256	0	110543	Hexane	1	0.00E+00	9.22E-07	1
256	256	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
256	256	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
256	256	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
256	256	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
256	256	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
256	256	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
256	256	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
256	256	0	7440508	Copper	1	0.00E+00	1.41E-07	1
256	256	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
256	256	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
256	256	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
256	256	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
256	256	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
257	257	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
257	257	0	9901	DPM	1	8.48E-01	0.00E+00	1
257	257	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
257	257	0	71432	Benzene	1	1.33E+00	9.24E-05	1
257	257	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
257	257	0	91203	PAHs[Napth]	1	5.44E-03	2.03E-06	1
257	257	0	100414	Ethylbenzene	1	2.65E-01	1.84E-05	1
257	257	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
257	257	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
257	257	0	108883	Toluene	1	1.19E+00	8.28E-05	1
257	257	0	110543	Hexane	1	0.00E+00	2.77E-06	1
257	257	0	1330207	Xylenes	1	8.23E-01	5.72E-05	1
257	257	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
257	257	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
257	257	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
257	257	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
257	257	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
257	257	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
257	257	0	7440508	Copper	1	0.00E+00	4.22E-07	1
257	257	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
257	257	0	7664417	Ammonia	1	2.27E-03	1.99E-03	1
257	257	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
257	257	0	7783064	Hydrogensulfide	1	4.99E-03	3.50E-07	1
257	257	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
258	258	0	1151	PAHs[Napth]	1	0.00E+00	7.58E-09	1
258	258	0	9901	DPM	1	3.95E-03	0.00E+00	1
258	258	0	50000	Formaldehyde	1	0.00E+00	2.34E-07	1
258	258	0	71432	Benzene	1	5.18E-02	5.92E-06	1
258	258	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
258	258	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
258	258	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
258	258	0	106990	Butadiene[13]	1	0.00E+00	2.95E-08	1
258	258	0	107028	Acrolein	1	0.00E+00	4.60E-09	1
258	258	0	108883	Toluene	1	4.65E-02	5.31E-06	1
258	258	0	110543	Hexane	1	0.00E+00	3.65E-09	1
258	258	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
258	258	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.13E-09	1
258	258	0	7439965	Manganese	1	0.00E+00	4.20E-10	1
258	258	0	7439976	Mercury	1	0.00E+00	2.71E-10	1
258	258	0	7440020	Nickel	1	0.00E+00	5.29E-10	1
258	258	0	7440382	Arsenic	1	0.00E+00	2.17E-10	1
258	258	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
258	258	0	7440508	Copper	1	0.00E+00	5.56E-10	1
258	258	0	7647010	Hydrochloricacid	1	0.00E+00	2.53E-08	1
258	258	0	7664417	Ammonia	1	8.94E-05	3.93E-06	1
258	258	0	7782492	Selenium	1	0.00E+00	2.98E-10	1
258	258	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
258	258	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.36E-11	1
259	259	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
259	259	0	9901	DPM	1	9.26E-02	0.00E+00	1
259	259	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
259	259	0	71432	Benzene	1	4.53E-01	3.08E-05	1
259	259	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
259	259	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
259	259	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
259	259	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
259	259	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
259	259	0	108883	Toluene	1	4.06E-01	2.76E-05	1
259	259	0	110543	Hexane	1	0.00E+00	9.22E-07	1
259	259	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
259	259	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
259	259	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
259	259	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
259	259	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
259	259	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
259	259	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
259	259	0	7440508	Copper	1	0.00E+00	1.41E-07	1
259	259	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
259	259	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
259	259	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
259	259	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
259	259	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
260	260	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
260	260	0	9901	DPM	1	9.26E-02	0.00E+00	1
260	260	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
260	260	0	71432	Benzene	1	4.23E-01	3.08E-05	1
260	260	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
260	260	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
260	260	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
260	260	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
260	260	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
260	260	0	108883	Toluene	1	3.79E-01	2.76E-05	1
260	260	0	110543	Hexane	1	0.00E+00	9.22E-07	1
260	260	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
260	260	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
260	260	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
260	260	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
260	260	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
260	260	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
260	260	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
260	260	0	7440508	Copper	1	0.00E+00	1.41E-07	1
260	260	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
260	260	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
260	260	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
260	260	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
260	260	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
261	261	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
261	261	0	9901	DPM	1	5.82E-01	0.00E+00	1
261	261	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
261	261	0	71432	Benzene	1	1.04E-01	1.18E-05	1
261	261	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
261	261	0	91203	PAHs[Napth]	1	4.29E-04	1.59E-07	1
261	261	0	100414	Ethylbenzene	1	2.07E-02	2.37E-06	1
261	261	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
261	261	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
261	261	0	108883	Toluene	1	9.30E-02	1.06E-05	1
261	261	0	110543	Hexane	1	0.00E+00	2.18E-07	1
261	261	0	1330207	Xylenes	1	6.44E-02	7.35E-06	1
261	261	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
261	261	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
261	261	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
261	261	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
261	261	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
261	261	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
261	261	0	7440508	Copper	1	0.00E+00	3.32E-08	1
261	261	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
261	261	0	7664417	Ammonia	1	1.79E-04	2.35E-04	1
261	261	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
261	261	0	7783064	Hydrogensulfide	1	3.93E-04	4.49E-08	1
261	261	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
262	262	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
262	262	0	9901	DPM	1	6.71E-01	0.00E+00	1
262	262	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
262	262	0	71432	Benzene	1	4.53E-01	3.08E-05	1
262	262	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
262	262	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
262	262	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
262	262	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
262	262	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
262	262	0	108883	Toluene	1	4.06E-01	2.76E-05	1
262	262	0	110543	Hexane	1	0.00E+00	9.22E-07	1
262	262	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
262	262	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
262	262	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
262	262	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
262	262	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
262	262	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
262	262	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
262	262	0	7440508	Copper	1	0.00E+00	1.41E-07	1
262	262	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
262	262	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
262	262	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
262	262	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
262	262	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
263	263	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
263	263	0	9901	DPM	1	7.59E-01	0.00E+00	1
263	263	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
263	263	0	71432	Benzene	1	8.76E-01	6.16E-05	1
263	263	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
263	263	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
263	263	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
263	263	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
263	263	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
263	263	0	108883	Toluene	1	7.85E-01	5.52E-05	1
263	263	0	110543	Hexane	1	0.00E+00	1.84E-06	1
263	263	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
263	263	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
263	263	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
263	263	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
263	263	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
263	263	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
263	263	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
263	263	0	7440508	Copper	1	0.00E+00	2.81E-07	1
263	263	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
263	263	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
263	263	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
263	263	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
263	263	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
264	264	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
264	264	0	9901	DPM	1	6.71E-01	0.00E+00	1
264	264	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
264	264	0	71432	Benzene	1	5.05E-01	3.08E-05	1
264	264	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
264	264	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
264	264	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
264	264	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
264	264	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
264	264	0	108883	Toluene	1	4.53E-01	2.76E-05	1
264	264	0	110543	Hexane	1	0.00E+00	9.22E-07	1
264	264	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
264	264	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
264	264	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
264	264	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
264	264	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
264	264	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
264	264	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
264	264	0	7440508	Copper	1	0.00E+00	1.41E-07	1
264	264	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
264	264	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
264	264	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
264	264	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
264	264	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
265	265	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
265	265	0	9901	DPM	1	7.59E-01	0.00E+00	1
265	265	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
265	265	0	71432	Benzene	1	8.24E-01	6.16E-05	1
265	265	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
265	265	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
265	265	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
265	265	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
265	265	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
265	265	0	108883	Toluene	1	7.38E-01	5.52E-05	1
265	265	0	110543	Hexane	1	0.00E+00	1.84E-06	1
265	265	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
265	265	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
265	265	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
265	265	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
265	265	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
265	265	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
265	265	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
265	265	0	7440508	Copper	1	0.00E+00	2.81E-07	1
265	265	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
265	265	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
265	265	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
265	265	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
265	265	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
266	266	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
266	266	0	9901	DPM	1	7.59E-01	0.00E+00	1
266	266	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
266	266	0	71432	Benzene	1	8.24E-01	6.16E-05	1
266	266	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
266	266	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
266	266	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
266	266	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
266	266	0	107028	Acrolein	1	0.00E+00	2.32E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
266	266	0	108883	Toluene	1	7.38E-01	5.52E-05	1
266	266	0	110543	Hexane	1	0.00E+00	1.84E-06	1
266	266	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
266	266	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
266	266	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
266	266	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
266	266	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
266	266	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
266	266	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
266	266	0	7440508	Copper	1	0.00E+00	2.81E-07	1
266	266	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
266	266	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
266	266	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
266	266	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
266	266	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
267	267	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
267	267	0	9901	DPM	1	6.71E-01	0.00E+00	1
267	267	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
267	267	0	71432	Benzene	1	4.53E-01	3.08E-05	1
267	267	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
267	267	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
267	267	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
267	267	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
267	267	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
267	267	0	108883	Toluene	1	4.06E-01	2.76E-05	1
267	267	0	110543	Hexane	1	0.00E+00	9.22E-07	1
267	267	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
267	267	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
267	267	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
267	267	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
267	267	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
267	267	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
267	267	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
267	267	0	7440508	Copper	1	0.00E+00	1.41E-07	1
267	267	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
267	267	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
267	267	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
267	267	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
267	267	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
268	268	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
268	268	0	9901	DPM	1	6.71E-01	0.00E+00	1
268	268	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
268	268	0	71432	Benzene	1	5.05E-01	3.08E-05	1
268	268	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
268	268	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
268	268	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
268	268	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
268	268	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
268	268	0	108883	Toluene	1	4.53E-01	2.76E-05	1
268	268	0	110543	Hexane	1	0.00E+00	9.22E-07	1
268	268	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
268	268	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
268	268	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
268	268	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
268	268	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
268	268	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
268	268	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
268	268	0	7440508	Copper	1	0.00E+00	1.41E-07	1
268	268	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
268	268	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
268	268	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
268	268	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
268	268	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
269	269	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
269	269	0	9901	DPM	1	6.71E-01	0.00E+00	1
269	269	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
269	269	0	71432	Benzene	1	4.53E-01	3.08E-05	1
269	269	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
269	269	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
269	269	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
269	269	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
269	269	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
269	269	0	108883	Toluene	1	4.06E-01	2.76E-05	1
269	269	0	110543	Hexane	1	0.00E+00	9.22E-07	1
269	269	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
269	269	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
269	269	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
269	269	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
269	269	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
269	269	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
269	269	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
269	269	0	7440508	Copper	1	0.00E+00	1.41E-07	1
269	269	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
269	269	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
269	269	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
269	269	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
269	269	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
270	270	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
270	270	0	9901	DPM	1	6.71E-01	0.00E+00	1
270	270	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
270	270	0	71432	Benzene	1	4.53E-01	3.08E-05	1
270	270	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
270	270	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
270	270	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
270	270	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
270	270	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
270	270	0	108883	Toluene	1	4.06E-01	2.76E-05	1
270	270	0	110543	Hexane	1	0.00E+00	9.22E-07	1
270	270	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
270	270	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
270	270	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
270	270	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
270	270	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
270	270	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
270	270	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
270	270	0	7440508	Copper	1	0.00E+00	1.41E-07	1
270	270	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
270	270	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
270	270	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
270	270	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
270	270	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
271	271	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
271	271	0	9901	DPM	1	6.71E-01	0.00E+00	1
271	271	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
271	271	0	71432	Benzene	1	4.53E-01	3.08E-05	1
271	271	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
271	271	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
271	271	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
271	271	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
271	271	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
271	271	0	108883	Toluene	1	4.06E-01	2.76E-05	1
271	271	0	110543	Hexane	1	0.00E+00	9.22E-07	1
271	271	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
271	271	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
271	271	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
271	271	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
271	271	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
271	271	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
271	271	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
271	271	0	7440508	Copper	1	0.00E+00	1.41E-07	1
271	271	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
271	271	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
271	271	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
271	271	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
271	271	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
272	272	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1
272	272	0	9901	DPM	1	3.93E-03	0.00E+00	1
272	272	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
272	272	0	71432	Benzene	1	5.18E-02	5.92E-06	1
272	272	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
272	272	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
272	272	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
272	272	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
272	272	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
272	272	0	108883	Toluene	1	4.65E-02	5.31E-06	1
272	272	0	110543	Hexane	1	0.00E+00	3.63E-09	1
272	272	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
272	272	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
272	272	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
272	272	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
272	272	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
272	272	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
272	272	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
272	272	0	7440508	Copper	1	0.00E+00	5.54E-10	1
272	272	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
272	272	0	7664417	Ammonia	1	8.94E-05	3.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
272	272	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
272	272	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
272	272	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
273	273	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
273	273	0	9901	DPM	1	6.71E-01	0.00E+00	1
273	273	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
273	273	0	71432	Benzene	1	3.71E-01	3.08E-05	1
273	273	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
273	273	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
273	273	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
273	273	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
273	273	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
273	273	0	108883	Toluene	1	3.32E-01	2.76E-05	1
273	273	0	110543	Hexane	1	0.00E+00	9.22E-07	1
273	273	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
273	273	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
273	273	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
273	273	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
273	273	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
273	273	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
273	273	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
273	273	0	7440508	Copper	1	0.00E+00	1.41E-07	1
273	273	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
273	273	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
273	273	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
273	273	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
273	273	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
274	274	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
274	274	0	9901	DPM	1	6.71E-01	0.00E+00	1
274	274	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
274	274	0	71432	Benzene	1	5.05E-01	3.08E-05	1
274	274	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
274	274	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
274	274	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
274	274	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
274	274	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
274	274	0	108883	Toluene	1	4.53E-01	2.76E-05	1
274	274	0	110543	Hexane	1	0.00E+00	9.22E-07	1
274	274	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
274	274	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
274	274	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
274	274	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
274	274	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
274	274	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
274	274	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
274	274	0	7440508	Copper	1	0.00E+00	1.41E-07	1
274	274	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
274	274	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
274	274	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
274	274	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
274	274	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
275	275	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
275	275	0	9901	DPM	1	7.59E-01	0.00E+00	1
275	275	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
275	275	0	71432	Benzene	1	8.76E-01	6.16E-05	1
275	275	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
275	275	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
275	275	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
275	275	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
275	275	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
275	275	0	108883	Toluene	1	7.85E-01	5.52E-05	1
275	275	0	110543	Hexane	1	0.00E+00	1.84E-06	1
275	275	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
275	275	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
275	275	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
275	275	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
275	275	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
275	275	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
275	275	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
275	275	0	7440508	Copper	1	0.00E+00	2.81E-07	1
275	275	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
275	275	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
275	275	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
275	275	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
275	275	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
276	276	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
276	276	0	9901	DPM	1	8.48E-01	0.00E+00	1
276	276	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
276	276	0	71432	Benzene	1	1.19E+00	9.24E-05	1
276	276	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
276	276	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
276	276	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
276	276	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
276	276	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
276	276	0	108883	Toluene	1	1.07E+00	8.28E-05	1
276	276	0	110543	Hexane	1	0.00E+00	2.77E-06	1
276	276	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
276	276	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
276	276	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
276	276	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
276	276	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
276	276	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
276	276	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
276	276	0	7440508	Copper	1	0.00E+00	4.22E-07	1
276	276	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
276	276	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
276	276	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
276	276	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
276	276	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
277	277	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
277	277	0	9901	DPM	1	6.71E-01	0.00E+00	1
277	277	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
277	277	0	71432	Benzene	1	5.05E-01	3.08E-05	1
277	277	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
277	277	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
277	277	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
277	277	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
277	277	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
277	277	0	108883	Toluene	1	4.53E-01	2.76E-05	1
277	277	0	110543	Hexane	1	0.00E+00	9.22E-07	1
277	277	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
277	277	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
277	277	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
277	277	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
277	277	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
277	277	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
277	277	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
277	277	0	7440508	Copper	1	0.00E+00	1.41E-07	1
277	277	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
277	277	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
277	277	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
277	277	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
277	277	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
278	278	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
278	278	0	9901	DPM	1	6.71E-01	0.00E+00	1
278	278	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
278	278	0	71432	Benzene	1	4.53E-01	3.08E-05	1
278	278	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
278	278	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
278	278	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
278	278	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
278	278	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
278	278	0	108883	Toluene	1	4.06E-01	2.76E-05	1
278	278	0	110543	Hexane	1	0.00E+00	9.22E-07	1
278	278	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
278	278	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
278	278	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
278	278	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
278	278	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
278	278	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
278	278	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
278	278	0	7440508	Copper	1	0.00E+00	1.41E-07	1
278	278	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
278	278	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
278	278	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
278	278	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
278	278	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
279	279	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
279	279	0	9901	DPM	1	8.48E-01	0.00E+00	1
279	279	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
279	279	0	71432	Benzene	1	1.19E+00	9.24E-05	1
279	279	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
279	279	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
279	279	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
279	279	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
279	279	0	107028	Acrolein	1	0.00E+00	3.49E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
279	279	0	108883	Toluene	1	1.07E+00	8.28E-05	1
279	279	0	110543	Hexane	1	0.00E+00	2.77E-06	1
279	279	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
279	279	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
279	279	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
279	279	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
279	279	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
279	279	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
279	279	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
279	279	0	7440508	Copper	1	0.00E+00	4.22E-07	1
279	279	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
279	279	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
279	279	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
279	279	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
279	279	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
280	280	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
280	280	0	9901	DPM	1	8.48E-01	0.00E+00	1
280	280	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
280	280	0	71432	Benzene	1	1.41E+00	9.24E-05	1
280	280	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
280	280	0	91203	PAHs[Napth]	1	5.75E-03	2.03E-06	1
280	280	0	100414	Ethylbenzene	1	2.82E-01	1.84E-05	1
280	280	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
280	280	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
280	280	0	108883	Toluene	1	1.26E+00	8.28E-05	1
280	280	0	110543	Hexane	1	0.00E+00	2.77E-06	1
280	280	0	1330207	Xylenes	1	8.75E-01	5.72E-05	1
280	280	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
280	280	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
280	280	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
280	280	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
280	280	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
280	280	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
280	280	0	7440508	Copper	1	0.00E+00	4.22E-07	1
280	280	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
280	280	0	7664417	Ammonia	1	2.40E-03	1.99E-03	1
280	280	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
280	280	0	7783064	Hydrogensulfide	1	5.28E-03	3.50E-07	1
280	280	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
281	281	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
281	281	0	9901	DPM	1	6.71E-01	0.00E+00	1
281	281	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
281	281	0	71432	Benzene	1	4.53E-01	3.08E-05	1
281	281	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
281	281	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
281	281	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
281	281	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
281	281	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
281	281	0	108883	Toluene	1	4.06E-01	2.76E-05	1
281	281	0	110543	Hexane	1	0.00E+00	9.22E-07	1
281	281	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
281	281	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
281	281	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
281	281	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
281	281	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
281	281	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
281	281	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
281	281	0	7440508	Copper	1	0.00E+00	1.41E-07	1
281	281	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
281	281	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
281	281	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
281	281	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
281	281	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
282	282	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
282	282	0	9901	DPM	1	7.59E-01	0.00E+00	1
282	282	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
282	282	0	71432	Benzene	1	8.24E-01	6.16E-05	1
282	282	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
282	282	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
282	282	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
282	282	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
282	282	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
282	282	0	108883	Toluene	1	7.38E-01	5.52E-05	1
282	282	0	110543	Hexane	1	0.00E+00	1.84E-06	1
282	282	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
282	282	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
282	282	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
282	282	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
282	282	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
282	282	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
282	282	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
282	282	0	7440508	Copper	1	0.00E+00	2.81E-07	1
282	282	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
282	282	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
282	282	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
282	282	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
282	282	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
283	283	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
283	283	0	9901	DPM	1	7.59E-01	0.00E+00	1
283	283	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
283	283	0	71432	Benzene	1	8.76E-01	6.16E-05	1
283	283	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
283	283	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
283	283	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
283	283	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
283	283	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
283	283	0	108883	Toluene	1	7.85E-01	5.52E-05	1
283	283	0	110543	Hexane	1	0.00E+00	1.84E-06	1
283	283	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
283	283	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
283	283	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
283	283	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
283	283	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
283	283	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
283	283	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
283	283	0	7440508	Copper	1	0.00E+00	2.81E-07	1
283	283	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
283	283	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
283	283	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
283	283	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
283	283	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
284	284	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
284	284	0	9901	DPM	1	6.71E-01	0.00E+00	1
284	284	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
284	284	0	71432	Benzene	1	4.53E-01	3.08E-05	1
284	284	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
284	284	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
284	284	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
284	284	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
284	284	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
284	284	0	108883	Toluene	1	4.06E-01	2.76E-05	1
284	284	0	110543	Hexane	1	0.00E+00	9.22E-07	1
284	284	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
284	284	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
284	284	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
284	284	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
284	284	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
284	284	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
284	284	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
284	284	0	7440508	Copper	1	0.00E+00	1.41E-07	1
284	284	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
284	284	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
284	284	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
284	284	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
284	284	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
285	285	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
285	285	0	9901	DPM	1	5.82E-01	0.00E+00	1
285	285	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
285	285	0	71432	Benzene	1	5.18E-02	5.92E-06	1
285	285	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
285	285	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
285	285	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
285	285	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
285	285	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
285	285	0	108883	Toluene	1	4.65E-02	5.31E-06	1
285	285	0	110543	Hexane	1	0.00E+00	2.18E-07	1
285	285	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
285	285	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
285	285	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
285	285	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
285	285	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
285	285	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
285	285	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
285	285	0	7440508	Copper	1	0.00E+00	3.32E-08	1
285	285	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
285	285	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
285	285	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
285	285	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
285	285	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
286	286	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
286	286	0	9901	DPM	1	9.26E-02	0.00E+00	1
286	286	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
286	286	0	71432	Benzene	1	4.23E-01	3.08E-05	1
286	286	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
286	286	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
286	286	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
286	286	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
286	286	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
286	286	0	108883	Toluene	1	3.79E-01	2.76E-05	1
286	286	0	110543	Hexane	1	0.00E+00	9.22E-07	1
286	286	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
286	286	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
286	286	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
286	286	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
286	286	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
286	286	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
286	286	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
286	286	0	7440508	Copper	1	0.00E+00	1.41E-07	1
286	286	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
286	286	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
286	286	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
286	286	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
286	286	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
287	287	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
287	287	0	9901	DPM	1	9.26E-02	0.00E+00	1
287	287	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
287	287	0	71432	Benzene	1	4.23E-01	3.08E-05	1
287	287	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
287	287	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
287	287	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
287	287	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
287	287	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
287	287	0	108883	Toluene	1	3.79E-01	2.76E-05	1
287	287	0	110543	Hexane	1	0.00E+00	9.22E-07	1
287	287	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
287	287	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
287	287	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
287	287	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
287	287	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
287	287	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
287	287	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
287	287	0	7440508	Copper	1	0.00E+00	1.41E-07	1
287	287	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
287	287	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
287	287	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
287	287	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
287	287	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
288	288	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
288	288	0	9901	DPM	1	6.71E-01	0.00E+00	1
288	288	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
288	288	0	71432	Benzene	1	3.71E-01	3.08E-05	1
288	288	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
288	288	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
288	288	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
288	288	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
288	288	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
288	288	0	108883	Toluene	1	3.32E-01	2.76E-05	1
288	288	0	110543	Hexane	1	0.00E+00	9.22E-07	1
288	288	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
288	288	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
288	288	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
288	288	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
288	288	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
288	288	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
288	288	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
288	288	0	7440508	Copper	1	0.00E+00	1.41E-07	1
288	288	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
288	288	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
288	288	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
288	288	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
288	288	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
289	289	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
289	289	0	9901	DPM	1	9.37E-01	0.00E+00	1
289	289	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
289	289	0	71432	Benzene	1	1.70E+00	1.23E-04	1
289	289	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
289	289	0	91203	PAHs[Napth]	1	6.97E-03	2.70E-06	1
289	289	0	100414	Ethylbenzene	1	3.39E-01	2.46E-05	1
289	289	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
289	289	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
289	289	0	108883	Toluene	1	1.52E+00	1.10E-04	1
289	289	0	110543	Hexane	1	0.00E+00	3.69E-06	1
289	289	0	1330207	Xylenes	1	1.05E+00	7.63E-05	1
289	289	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
289	289	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
289	289	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
289	289	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
289	289	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
289	289	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
289	289	0	7440508	Copper	1	0.00E+00	5.62E-07	1
289	289	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
289	289	0	7664417	Ammonia	1	2.91E-03	2.65E-03	1
289	289	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
289	289	0	7783064	Hydrogensulfide	1	6.39E-03	4.66E-07	1
289	289	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
290	290	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
290	290	0	9901	DPM	1	6.71E-01	0.00E+00	1
290	290	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
290	290	0	71432	Benzene	1	4.53E-01	3.08E-05	1
290	290	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
290	290	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
290	290	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
290	290	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
290	290	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
290	290	0	108883	Toluene	1	4.06E-01	2.76E-05	1
290	290	0	110543	Hexane	1	0.00E+00	9.22E-07	1
290	290	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
290	290	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
290	290	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
290	290	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
290	290	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
290	290	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
290	290	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
290	290	0	7440508	Copper	1	0.00E+00	1.41E-07	1
290	290	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
290	290	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
290	290	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
290	290	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
290	290	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
291	291	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
291	291	0	9901	DPM	1	6.71E-01	0.00E+00	1
291	291	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
291	291	0	71432	Benzene	1	5.05E-01	3.08E-05	1
291	291	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
291	291	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
291	291	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
291	291	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
291	291	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
291	291	0	108883	Toluene	1	4.53E-01	2.76E-05	1
291	291	0	110543	Hexane	1	0.00E+00	9.22E-07	1
291	291	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
291	291	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
291	291	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
291	291	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
291	291	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
291	291	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
291	291	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
291	291	0	7440508	Copper	1	0.00E+00	1.41E-07	1
291	291	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
291	291	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
291	291	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
291	291	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
291	291	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
292	292	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
292	292	0	9901	DPM	1	8.48E-01	0.00E+00	1
292	292	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
292	292	0	71432	Benzene	1	1.28E+00	9.24E-05	1
292	292	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
292	292	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
292	292	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
292	292	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
292	292	0	107028	Acrolein	1	0.00E+00	3.49E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
292	292	0	108883	Toluene	1	1.14E+00	8.28E-05	1
292	292	0	110543	Hexane	1	0.00E+00	2.77E-06	1
292	292	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
292	292	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
292	292	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
292	292	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
292	292	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
292	292	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
292	292	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
292	292	0	7440508	Copper	1	0.00E+00	4.22E-07	1
292	292	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
292	292	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
292	292	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
292	292	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
292	292	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
293	293	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
293	293	0	9901	DPM	1	8.48E-01	0.00E+00	1
293	293	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
293	293	0	71432	Benzene	1	1.25E+00	9.24E-05	1
293	293	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
293	293	0	91203	PAHs[Napth]	1	5.12E-03	2.03E-06	1
293	293	0	100414	Ethylbenzene	1	2.49E-01	1.84E-05	1
293	293	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
293	293	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
293	293	0	108883	Toluene	1	1.12E+00	8.28E-05	1
293	293	0	110543	Hexane	1	0.00E+00	2.77E-06	1
293	293	0	1330207	Xylenes	1	7.72E-01	5.72E-05	1
293	293	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
293	293	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
293	293	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
293	293	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
293	293	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
293	293	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
293	293	0	7440508	Copper	1	0.00E+00	4.22E-07	1
293	293	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
293	293	0	7664417	Ammonia	1	2.14E-03	1.99E-03	1
293	293	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
293	293	0	7783064	Hydrogensulfide	1	4.70E-03	3.50E-07	1
293	293	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
294	294	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
294	294	0	9901	DPM	1	6.71E-01	0.00E+00	1
294	294	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
294	294	0	71432	Benzene	1	4.53E-01	3.08E-05	1
294	294	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
294	294	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
294	294	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
294	294	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
294	294	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
294	294	0	108883	Toluene	1	4.06E-01	2.76E-05	1
294	294	0	110543	Hexane	1	0.00E+00	9.22E-07	1
294	294	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
294	294	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
294	294	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
294	294	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
294	294	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
294	294	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
294	294	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
294	294	0	7440508	Copper	1	0.00E+00	1.41E-07	1
294	294	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
294	294	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
294	294	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
294	294	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
294	294	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
295	295	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
295	295	0	9901	DPM	1	7.59E-01	0.00E+00	1
295	295	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
295	295	0	71432	Benzene	1	8.24E-01	6.16E-05	1
295	295	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
295	295	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
295	295	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
295	295	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
295	295	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
295	295	0	108883	Toluene	1	7.38E-01	5.52E-05	1
295	295	0	110543	Hexane	1	0.00E+00	1.84E-06	1
295	295	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
295	295	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
295	295	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
295	295	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
295	295	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
295	295	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
295	295	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
295	295	0	7440508	Copper	1	0.00E+00	2.81E-07	1
295	295	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
295	295	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
295	295	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
295	295	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
295	295	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
296	296	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
296	296	0	9901	DPM	1	9.37E-01	0.00E+00	1
296	296	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
296	296	0	71432	Benzene	1	1.78E+00	1.23E-04	1
296	296	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
296	296	0	91203	PAHs[Napth]	1	7.28E-03	2.70E-06	1
296	296	0	100414	Ethylbenzene	1	3.56E-01	2.46E-05	1
296	296	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
296	296	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
296	296	0	108883	Toluene	1	1.60E+00	1.10E-04	1
296	296	0	110543	Hexane	1	0.00E+00	3.69E-06	1
296	296	0	1330207	Xylenes	1	1.10E+00	7.63E-05	1
296	296	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
296	296	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
296	296	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
296	296	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
296	296	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
296	296	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
296	296	0	7440508	Copper	1	0.00E+00	5.62E-07	1
296	296	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
296	296	0	7664417	Ammonia	1	3.04E-03	2.65E-03	1
296	296	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
296	296	0	7783064	Hydrogensulfide	1	6.68E-03	4.66E-07	1
296	296	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
297	297	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
297	297	0	9901	DPM	1	6.71E-01	0.00E+00	1
297	297	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
297	297	0	71432	Benzene	1	5.05E-01	3.08E-05	1
297	297	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
297	297	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
297	297	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
297	297	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
297	297	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
297	297	0	108883	Toluene	1	4.53E-01	2.76E-05	1
297	297	0	110543	Hexane	1	0.00E+00	9.22E-07	1
297	297	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
297	297	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
297	297	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
297	297	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
297	297	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
297	297	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
297	297	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
297	297	0	7440508	Copper	1	0.00E+00	1.41E-07	1
297	297	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
297	297	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
297	297	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
297	297	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
297	297	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
298	298	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
298	298	0	9901	DPM	1	7.59E-01	0.00E+00	1
298	298	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
298	298	0	71432	Benzene	1	9.58E-01	6.16E-05	1
298	298	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
298	298	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
298	298	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
298	298	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
298	298	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
298	298	0	108883	Toluene	1	8.59E-01	5.52E-05	1
298	298	0	110543	Hexane	1	0.00E+00	1.84E-06	1
298	298	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
298	298	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
298	298	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
298	298	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
298	298	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
298	298	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
298	298	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
298	298	0	7440508	Copper	1	0.00E+00	2.81E-07	1
298	298	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
298	298	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
298	298	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
298	298	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
298	298	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
299	299	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
299	299	0	9901	DPM	1	9.26E-02	0.00E+00	1
299	299	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
299	299	0	71432	Benzene	1	4.23E-01	3.08E-05	1
299	299	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
299	299	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
299	299	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
299	299	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
299	299	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
299	299	0	108883	Toluene	1	3.79E-01	2.76E-05	1
299	299	0	110543	Hexane	1	0.00E+00	9.22E-07	1
299	299	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
299	299	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
299	299	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
299	299	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
299	299	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
299	299	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
299	299	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
299	299	0	7440508	Copper	1	0.00E+00	1.41E-07	1
299	299	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
299	299	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
299	299	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
299	299	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
299	299	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
300	300	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
300	300	0	9901	DPM	1	9.26E-02	0.00E+00	1
300	300	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
300	300	0	71432	Benzene	1	4.23E-01	3.08E-05	1
300	300	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
300	300	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
300	300	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
300	300	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
300	300	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
300	300	0	108883	Toluene	1	3.79E-01	2.76E-05	1
300	300	0	110543	Hexane	1	0.00E+00	9.22E-07	1
300	300	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
300	300	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
300	300	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
300	300	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
300	300	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
300	300	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
300	300	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
300	300	0	7440508	Copper	1	0.00E+00	1.41E-07	1
300	300	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
300	300	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
300	300	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
300	300	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
300	300	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
301	301	0	1151	PAHs[Napth]	1	0.00E+00	7.55E-09	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
301	301	0	9901	DPM	1	3.93E-03	0.00E+00	1
301	301	0	50000	Formaldehyde	1	0.00E+00	2.33E-07	1
301	301	0	71432	Benzene	1	5.18E-02	5.92E-06	1
301	301	0	75070	Acetaldehyde	1	0.00E+00	1.06E-07	1
301	301	0	91203	PAHs[Napth]	1	2.15E-04	2.45E-08	1
301	301	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
301	301	0	106990	Butadiene[13]	1	0.00E+00	2.94E-08	1
301	301	0	107028	Acrolein	1	0.00E+00	4.58E-09	1
301	301	0	108883	Toluene	1	4.65E-02	5.31E-06	1
301	301	0	110543	Hexane	1	0.00E+00	3.63E-09	1
301	301	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
301	301	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.12E-09	1
301	301	0	7439965	Manganese	1	0.00E+00	4.19E-10	1
301	301	0	7439976	Mercury	1	0.00E+00	2.70E-10	1
301	301	0	7440020	Nickel	1	0.00E+00	5.27E-10	1
301	301	0	7440382	Arsenic	1	0.00E+00	2.16E-10	1
301	301	0	7440439	Cadmium	1	0.00E+00	2.03E-10	1
301	301	0	7440508	Copper	1	0.00E+00	5.54E-10	1
301	301	0	7647010	Hydrochloricacid	1	0.00E+00	2.52E-08	1
301	301	0	7664417	Ammonia	1	8.94E-05	3.92E-06	1
301	301	0	7782492	Selenium	1	0.00E+00	2.97E-10	1
301	301	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
301	301	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.35E-11	1
302	302	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
302	302	0	9901	DPM	1	7.59E-01	0.00E+00	1
302	302	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
302	302	0	71432	Benzene	1	8.24E-01	6.16E-05	1
302	302	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
302	302	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
302	302	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
302	302	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
302	302	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
302	302	0	108883	Toluene	1	7.38E-01	5.52E-05	1
302	302	0	110543	Hexane	1	0.00E+00	1.84E-06	1
302	302	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
302	302	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
302	302	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
302	302	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
302	302	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
302	302	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
302	302	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
302	302	0	7440508	Copper	1	0.00E+00	2.81E-07	1
302	302	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
302	302	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
302	302	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
302	302	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
302	302	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
303	303	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
303	303	0	9901	DPM	1	7.59E-01	0.00E+00	1
303	303	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
303	303	0	71432	Benzene	1	8.76E-01	6.16E-05	1
303	303	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
303	303	0	91203	PAHs[Napth]	1	3.59E-03	1.35E-06	1
303	303	0	100414	Ethylbenzene	1	1.75E-01	1.23E-05	1
303	303	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
303	303	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
303	303	0	108883	Toluene	1	7.85E-01	5.52E-05	1
303	303	0	110543	Hexane	1	0.00E+00	1.84E-06	1
303	303	0	1330207	Xylenes	1	5.43E-01	3.81E-05	1
303	303	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
303	303	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
303	303	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
303	303	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
303	303	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
303	303	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
303	303	0	7440508	Copper	1	0.00E+00	2.81E-07	1
303	303	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
303	303	0	7664417	Ammonia	1	1.50E-03	1.33E-03	1
303	303	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
303	303	0	7783064	Hydrogensulfide	1	3.29E-03	2.33E-07	1
303	303	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
304	304	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
304	304	0	9901	DPM	1	7.59E-01	0.00E+00	1
304	304	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
304	304	0	71432	Benzene	1	9.07E-01	6.16E-05	1
304	304	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
304	304	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
304	304	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
304	304	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
304	304	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
304	304	0	108883	Toluene	1	8.12E-01	5.52E-05	1
304	304	0	110543	Hexane	1	0.00E+00	1.84E-06	1
304	304	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
304	304	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
304	304	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
304	304	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
304	304	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
304	304	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
304	304	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
304	304	0	7440508	Copper	1	0.00E+00	2.81E-07	1
304	304	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
304	304	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
304	304	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
304	304	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
304	304	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
305	305	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
305	305	0	9901	DPM	1	7.59E-01	0.00E+00	1
305	305	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
305	305	0	71432	Benzene	1	9.58E-01	6.16E-05	1
305	305	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
305	305	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
305	305	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
305	305	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
305	305	0	107028	Acrolein	1	0.00E+00	2.32E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
305	305	0	108883	Toluene	1	8.59E-01	5.52E-05	1
305	305	0	110543	Hexane	1	0.00E+00	1.84E-06	1
305	305	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
305	305	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
305	305	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
305	305	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
305	305	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
305	305	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
305	305	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
305	305	0	7440508	Copper	1	0.00E+00	2.81E-07	1
305	305	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
305	305	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1
305	305	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
305	305	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
305	305	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
306	306	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
306	306	0	9901	DPM	1	1.03E+00	0.00E+00	1
306	306	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
306	306	0	71432	Benzene	1	2.07E+00	1.54E-04	1
306	306	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
306	306	0	91203	PAHs[Napth]	1	8.50E-03	3.38E-06	1
306	306	0	100414	Ethylbenzene	1	4.13E-01	3.07E-05	1
306	306	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
306	306	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
306	306	0	108883	Toluene	1	1.86E+00	1.38E-04	1
306	306	0	110543	Hexane	1	0.00E+00	4.61E-06	1
306	306	0	1330207	Xylenes	1	1.28E+00	9.53E-05	1
306	306	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1
306	306	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
306	306	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
306	306	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
306	306	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
306	306	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
306	306	0	7440508	Copper	1	0.00E+00	7.03E-07	1
306	306	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
306	306	0	7664417	Ammonia	1	3.55E-03	3.31E-03	1
306	306	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
306	306	0	7783064	Hydrogensulfide	1	7.80E-03	5.83E-07	1
306	306	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
307	307	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
307	307	0	9901	DPM	1	6.71E-01	0.00E+00	1
307	307	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
307	307	0	71432	Benzene	1	4.53E-01	3.08E-05	1
307	307	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
307	307	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
307	307	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
307	307	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
307	307	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
307	307	0	108883	Toluene	1	4.06E-01	2.76E-05	1
307	307	0	110543	Hexane	1	0.00E+00	9.22E-07	1
307	307	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
307	307	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
307	307	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
307	307	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
307	307	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
307	307	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
307	307	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
307	307	0	7440508	Copper	1	0.00E+00	1.41E-07	1
307	307	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
307	307	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
307	307	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
307	307	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
307	307	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
308	308	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
308	308	0	9901	DPM	1	5.82E-01	0.00E+00	1
308	308	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
308	308	0	71432	Benzene	1	5.18E-02	5.92E-06	1
308	308	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
308	308	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
308	308	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
308	308	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
308	308	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
308	308	0	108883	Toluene	1	4.65E-02	5.31E-06	1
308	308	0	110543	Hexane	1	0.00E+00	2.18E-07	1
308	308	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
308	308	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
308	308	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
308	308	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
308	308	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
308	308	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
308	308	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
308	308	0	7440508	Copper	1	0.00E+00	3.32E-08	1
308	308	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
308	308	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
308	308	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
308	308	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
308	308	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
309	309	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
309	309	0	9901	DPM	1	6.71E-01	0.00E+00	1
309	309	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
309	309	0	71432	Benzene	1	4.53E-01	3.08E-05	1
309	309	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
309	309	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
309	309	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
309	309	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
309	309	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
309	309	0	108883	Toluene	1	4.06E-01	2.76E-05	1
309	309	0	110543	Hexane	1	0.00E+00	9.22E-07	1
309	309	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
309	309	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
309	309	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
309	309	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
309	309	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
309	309	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
309	309	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
309	309	0	7440508	Copper	1	0.00E+00	1.41E-07	1
309	309	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
309	309	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
309	309	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
309	309	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
309	309	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
310	310	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
310	310	0	9901	DPM	1	8.48E-01	0.00E+00	1
310	310	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
310	310	0	71432	Benzene	1	1.36E+00	9.24E-05	1
310	310	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
310	310	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
310	310	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
310	310	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
310	310	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
310	310	0	108883	Toluene	1	1.22E+00	8.28E-05	1
310	310	0	110543	Hexane	1	0.00E+00	2.77E-06	1
310	310	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
310	310	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
310	310	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
310	310	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
310	310	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
310	310	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
310	310	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
310	310	0	7440508	Copper	1	0.00E+00	4.22E-07	1
310	310	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
310	310	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
310	310	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
310	310	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
310	310	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
311	311	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
311	311	0	9901	DPM	1	5.82E-01	0.00E+00	1
311	311	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
311	311	0	71432	Benzene	1	5.18E-02	5.92E-06	1
311	311	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
311	311	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
311	311	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
311	311	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
311	311	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
311	311	0	108883	Toluene	1	4.65E-02	5.31E-06	1
311	311	0	110543	Hexane	1	0.00E+00	2.18E-07	1
311	311	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
311	311	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
311	311	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
311	311	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
311	311	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
311	311	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
311	311	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
311	311	0	7440508	Copper	1	0.00E+00	3.32E-08	1
311	311	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
311	311	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
311	311	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
311	311	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
311	311	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
312	312	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
312	312	0	9901	DPM	1	8.48E-01	0.00E+00	1
312	312	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
312	312	0	71432	Benzene	1	1.19E+00	9.24E-05	1
312	312	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
312	312	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
312	312	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
312	312	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
312	312	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
312	312	0	108883	Toluene	1	1.07E+00	8.28E-05	1
312	312	0	110543	Hexane	1	0.00E+00	2.77E-06	1
312	312	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
312	312	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
312	312	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
312	312	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
312	312	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
312	312	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
312	312	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
312	312	0	7440508	Copper	1	0.00E+00	4.22E-07	1
312	312	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
312	312	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
312	312	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
312	312	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
312	312	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
313	313	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
313	313	0	9901	DPM	1	8.48E-01	0.00E+00	1
313	313	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
313	313	0	71432	Benzene	1	1.36E+00	9.24E-05	1
313	313	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
313	313	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
313	313	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
313	313	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
313	313	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
313	313	0	108883	Toluene	1	1.22E+00	8.28E-05	1
313	313	0	110543	Hexane	1	0.00E+00	2.77E-06	1
313	313	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
313	313	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
313	313	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
313	313	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
313	313	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
313	313	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
313	313	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
313	313	0	7440508	Copper	1	0.00E+00	4.22E-07	1
313	313	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
313	313	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
313	313	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
313	313	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
313	313	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
314	314	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
314	314	0	9901	DPM	1	6.71E-01	0.00E+00	1
314	314	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
314	314	0	71432	Benzene	1	3.71E-01	3.08E-05	1
314	314	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
314	314	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
314	314	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
314	314	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
314	314	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
314	314	0	108883	Toluene	1	3.32E-01	2.76E-05	1
314	314	0	110543	Hexane	1	0.00E+00	9.22E-07	1
314	314	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
314	314	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
314	314	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
314	314	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
314	314	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
314	314	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
314	314	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
314	314	0	7440508	Copper	1	0.00E+00	1.41E-07	1
314	314	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
314	314	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
314	314	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
314	314	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
314	314	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
315	315	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
315	315	0	9901	DPM	1	5.82E-01	0.00E+00	1
315	315	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
315	315	0	71432	Benzene	1	5.18E-02	5.92E-06	1
315	315	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
315	315	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
315	315	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
315	315	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
315	315	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
315	315	0	108883	Toluene	1	4.65E-02	5.31E-06	1
315	315	0	110543	Hexane	1	0.00E+00	2.18E-07	1
315	315	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
315	315	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
315	315	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
315	315	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
315	315	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
315	315	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
315	315	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
315	315	0	7440508	Copper	1	0.00E+00	3.32E-08	1
315	315	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
315	315	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
315	315	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
315	315	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
315	315	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
316	316	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
316	316	0	9901	DPM	1	6.71E-01	0.00E+00	1
316	316	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
316	316	0	71432	Benzene	1	4.53E-01	3.08E-05	1
316	316	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
316	316	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
316	316	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
316	316	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
316	316	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
316	316	0	108883	Toluene	1	4.06E-01	2.76E-05	1
316	316	0	110543	Hexane	1	0.00E+00	9.22E-07	1
316	316	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
316	316	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
316	316	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
316	316	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
316	316	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
316	316	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
316	316	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
316	316	0	7440508	Copper	1	0.00E+00	1.41E-07	1
316	316	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
316	316	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
316	316	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
316	316	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
316	316	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
317	317	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
317	317	0	9901	DPM	1	6.71E-01	0.00E+00	1
317	317	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
317	317	0	71432	Benzene	1	4.53E-01	3.08E-05	1
317	317	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
317	317	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
317	317	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
317	317	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
317	317	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
317	317	0	108883	Toluene	1	4.06E-01	2.76E-05	1
317	317	0	110543	Hexane	1	0.00E+00	9.22E-07	1
317	317	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
317	317	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
317	317	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
317	317	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
317	317	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
317	317	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
317	317	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
317	317	0	7440508	Copper	1	0.00E+00	1.41E-07	1
317	317	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
317	317	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
317	317	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
317	317	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
317	317	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
318	318	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
318	318	0	9901	DPM	1	6.71E-01	0.00E+00	1
318	318	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
318	318	0	71432	Benzene	1	3.71E-01	3.08E-05	1
318	318	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
318	318	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
318	318	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
318	318	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
318	318	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
318	318	0	108883	Toluene	1	3.32E-01	2.76E-05	1
318	318	0	110543	Hexane	1	0.00E+00	9.22E-07	1
318	318	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
318	318	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
318	318	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
318	318	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
318	318	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
318	318	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
318	318	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
318	318	0	7440508	Copper	1	0.00E+00	1.41E-07	1
318	318	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
318	318	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
318	318	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
318	318	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
318	318	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
319	319	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
319	319	0	9901	DPM	1	6.71E-01	0.00E+00	1
319	319	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
319	319	0	71432	Benzene	1	4.53E-01	3.08E-05	1
319	319	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
319	319	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
319	319	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
319	319	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
319	319	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
319	319	0	108883	Toluene	1	4.06E-01	2.76E-05	1
319	319	0	110543	Hexane	1	0.00E+00	9.22E-07	1
319	319	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
319	319	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
319	319	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
319	319	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
319	319	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
319	319	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
319	319	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
319	319	0	7440508	Copper	1	0.00E+00	1.41E-07	1
319	319	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
319	319	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
319	319	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
319	319	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
319	319	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
320	320	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
320	320	0	9901	DPM	1	1.03E+00	0.00E+00	1
320	320	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
320	320	0	71432	Benzene	1	2.24E+00	1.54E-04	1
320	320	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
320	320	0	91203	PAHs[Napth]	1	9.13E-03	3.38E-06	1
320	320	0	100414	Ethylbenzene	1	4.46E-01	3.07E-05	1
320	320	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
320	320	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
320	320	0	108883	Toluene	1	2.00E+00	1.38E-04	1
320	320	0	110543	Hexane	1	0.00E+00	4.61E-06	1
320	320	0	1330207	Xylenes	1	1.39E+00	9.53E-05	1
320	320	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
320	320	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
320	320	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
320	320	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
320	320	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
320	320	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
320	320	0	7440508	Copper	1	0.00E+00	7.03E-07	1
320	320	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
320	320	0	7664417	Ammonia	1	3.81E-03	3.31E-03	1
320	320	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
320	320	0	7783064	Hydrogensulfide	1	8.38E-03	5.83E-07	1
320	320	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
321	321	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
321	321	0	9901	DPM	1	8.48E-01	0.00E+00	1
321	321	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
321	321	0	71432	Benzene	1	1.30E+00	9.24E-05	1
321	321	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
321	321	0	91203	PAHs[Napth]	1	5.34E-03	2.03E-06	1
321	321	0	100414	Ethylbenzene	1	2.59E-01	1.84E-05	1
321	321	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
321	321	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
321	321	0	108883	Toluene	1	1.16E+00	8.28E-05	1
321	321	0	110543	Hexane	1	0.00E+00	2.77E-06	1
321	321	0	1330207	Xylenes	1	8.04E-01	5.72E-05	1
321	321	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
321	321	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
321	321	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
321	321	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
321	321	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
321	321	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
321	321	0	7440508	Copper	1	0.00E+00	4.22E-07	1
321	321	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
321	321	0	7664417	Ammonia	1	2.23E-03	1.99E-03	1
321	321	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
321	321	0	7783064	Hydrogensulfide	1	4.89E-03	3.50E-07	1
321	321	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
322	322	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
322	322	0	9901	DPM	1	7.59E-01	0.00E+00	1
322	322	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
322	322	0	71432	Benzene	1	9.58E-01	6.16E-05	1
322	322	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
322	322	0	91203	PAHs[Napth]	1	3.91E-03	1.35E-06	1
322	322	0	100414	Ethylbenzene	1	1.91E-01	1.23E-05	1
322	322	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
322	322	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
322	322	0	108883	Toluene	1	8.59E-01	5.52E-05	1
322	322	0	110543	Hexane	1	0.00E+00	1.84E-06	1
322	322	0	1330207	Xylenes	1	5.94E-01	3.81E-05	1
322	322	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
322	322	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
322	322	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
322	322	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
322	322	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
322	322	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
322	322	0	7440508	Copper	1	0.00E+00	2.81E-07	1
322	322	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
322	322	0	7664417	Ammonia	1	1.63E-03	1.33E-03	1
322	322	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
322	322	0	7783064	Hydrogensulfide	1	3.59E-03	2.33E-07	1
322	322	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
323	323	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
323	323	0	9901	DPM	1	6.71E-01	0.00E+00	1
323	323	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
323	323	0	71432	Benzene	1	4.53E-01	3.08E-05	1
323	323	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
323	323	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
323	323	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
323	323	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
323	323	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
323	323	0	108883	Toluene	1	4.06E-01	2.76E-05	1
323	323	0	110543	Hexane	1	0.00E+00	9.22E-07	1
323	323	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
323	323	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
323	323	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
323	323	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
323	323	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
323	323	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
323	323	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
323	323	0	7440508	Copper	1	0.00E+00	1.41E-07	1
323	323	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
323	323	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
323	323	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
323	323	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
323	323	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
324	324	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
324	324	0	9901	DPM	1	7.59E-01	0.00E+00	1
324	324	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
324	324	0	71432	Benzene	1	7.42E-01	6.16E-05	1
324	324	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
324	324	0	91203	PAHs[Napth]	1	3.06E-03	1.35E-06	1
324	324	0	100414	Ethylbenzene	1	1.48E-01	1.23E-05	1
324	324	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
324	324	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
324	324	0	108883	Toluene	1	6.64E-01	5.52E-05	1
324	324	0	110543	Hexane	1	0.00E+00	1.84E-06	1
324	324	0	1330207	Xylenes	1	4.59E-01	3.81E-05	1
324	324	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
324	324	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
324	324	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
324	324	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
324	324	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
324	324	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
324	324	0	7440508	Copper	1	0.00E+00	2.81E-07	1
324	324	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
324	324	0	7664417	Ammonia	1	1.28E-03	1.33E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
324	324	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
324	324	0	7783064	Hydrogensulfide	1	2.81E-03	2.33E-07	1
324	324	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
325	325	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
325	325	0	9901	DPM	1	9.26E-02	0.00E+00	1
325	325	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
325	325	0	71432	Benzene	1	3.71E-01	3.08E-05	1
325	325	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
325	325	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
325	325	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
325	325	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
325	325	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
325	325	0	108883	Toluene	1	3.32E-01	2.76E-05	1
325	325	0	110543	Hexane	1	0.00E+00	9.22E-07	1
325	325	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
325	325	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
325	325	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
325	325	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
325	325	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
325	325	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
325	325	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
325	325	0	7440508	Copper	1	0.00E+00	1.41E-07	1
325	325	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
325	325	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
325	325	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
325	325	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
325	325	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
326	326	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
326	326	0	9901	DPM	1	9.26E-02	0.00E+00	1
326	326	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
326	326	0	71432	Benzene	1	3.71E-01	3.08E-05	1
326	326	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
326	326	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
326	326	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
326	326	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
326	326	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
326	326	0	108883	Toluene	1	3.32E-01	2.76E-05	1
326	326	0	110543	Hexane	1	0.00E+00	9.22E-07	1
326	326	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
326	326	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
326	326	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
326	326	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
326	326	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
326	326	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
326	326	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
326	326	0	7440508	Copper	1	0.00E+00	1.41E-07	1
326	326	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
326	326	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
326	326	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
326	326	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
326	326	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
327	327	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
327	327	0	9901	DPM	1	5.82E-01	0.00E+00	1
327	327	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
327	327	0	71432	Benzene	1	5.18E-02	5.92E-06	1
327	327	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
327	327	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
327	327	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
327	327	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
327	327	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
327	327	0	108883	Toluene	1	4.65E-02	5.31E-06	1
327	327	0	110543	Hexane	1	0.00E+00	2.18E-07	1
327	327	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
327	327	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
327	327	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
327	327	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
327	327	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
327	327	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
327	327	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
327	327	0	7440508	Copper	1	0.00E+00	3.32E-08	1
327	327	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
327	327	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
327	327	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
327	327	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
327	327	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
328	328	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
328	328	0	9901	DPM	1	5.82E-01	0.00E+00	1
328	328	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
328	328	0	71432	Benzene	1	5.18E-02	5.92E-06	1
328	328	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
328	328	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
328	328	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
328	328	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
328	328	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
328	328	0	108883	Toluene	1	4.65E-02	5.31E-06	1
328	328	0	110543	Hexane	1	0.00E+00	2.18E-07	1
328	328	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
328	328	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
328	328	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
328	328	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
328	328	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
328	328	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
328	328	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
328	328	0	7440508	Copper	1	0.00E+00	3.32E-08	1
328	328	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
328	328	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
328	328	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
328	328	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
328	328	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
329	329	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
329	329	0	9901	DPM	1	6.71E-01	0.00E+00	1
329	329	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
329	329	0	71432	Benzene	1	4.53E-01	3.08E-05	1
329	329	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
329	329	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
329	329	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
329	329	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
329	329	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
329	329	0	108883	Toluene	1	4.06E-01	2.76E-05	1
329	329	0	110543	Hexane	1	0.00E+00	9.22E-07	1
329	329	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
329	329	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
329	329	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
329	329	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
329	329	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
329	329	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
329	329	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
329	329	0	7440508	Copper	1	0.00E+00	1.41E-07	1
329	329	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
329	329	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
329	329	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
329	329	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
329	329	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
330	330	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
330	330	0	9901	DPM	1	6.71E-01	0.00E+00	1
330	330	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
330	330	0	71432	Benzene	1	3.71E-01	3.08E-05	1
330	330	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
330	330	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
330	330	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
330	330	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
330	330	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
330	330	0	108883	Toluene	1	3.32E-01	2.76E-05	1
330	330	0	110543	Hexane	1	0.00E+00	9.22E-07	1
330	330	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
330	330	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
330	330	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
330	330	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
330	330	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
330	330	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
330	330	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
330	330	0	7440508	Copper	1	0.00E+00	1.41E-07	1
330	330	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
330	330	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
330	330	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
330	330	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
330	330	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
331	331	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
331	331	0	9901	DPM	1	5.82E-01	0.00E+00	1
331	331	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
331	331	0	71432	Benzene	1	5.18E-02	5.92E-06	1
331	331	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
331	331	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
331	331	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
331	331	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
331	331	0	107028	Acrolein	1	0.00E+00	2.74E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
331	331	0	108883	Toluene	1	4.65E-02	5.31E-06	1
331	331	0	110543	Hexane	1	0.00E+00	2.18E-07	1
331	331	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
331	331	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
331	331	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
331	331	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
331	331	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
331	331	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
331	331	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
331	331	0	7440508	Copper	1	0.00E+00	3.32E-08	1
331	331	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
331	331	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
331	331	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
331	331	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
331	331	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
332	332	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
332	332	0	9901	DPM	1	7.59E-01	0.00E+00	1
332	332	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
332	332	0	71432	Benzene	1	9.07E-01	6.16E-05	1
332	332	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
332	332	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
332	332	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
332	332	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
332	332	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
332	332	0	108883	Toluene	1	8.12E-01	5.52E-05	1
332	332	0	110543	Hexane	1	0.00E+00	1.84E-06	1
332	332	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
332	332	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
332	332	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
332	332	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
332	332	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
332	332	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
332	332	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
332	332	0	7440508	Copper	1	0.00E+00	2.81E-07	1
332	332	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
332	332	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
332	332	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
332	332	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
332	332	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
333	333	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
333	333	0	9901	DPM	1	6.71E-01	0.00E+00	1
333	333	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
333	333	0	71432	Benzene	1	4.53E-01	3.08E-05	1
333	333	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
333	333	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
333	333	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
333	333	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
333	333	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
333	333	0	108883	Toluene	1	4.06E-01	2.76E-05	1
333	333	0	110543	Hexane	1	0.00E+00	9.22E-07	1
333	333	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
333	333	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
333	333	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
333	333	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
333	333	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
333	333	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
333	333	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
333	333	0	7440508	Copper	1	0.00E+00	1.41E-07	1
333	333	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
333	333	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
333	333	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
333	333	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
333	333	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
334	334	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
334	334	0	9901	DPM	1	6.71E-01	0.00E+00	1
334	334	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
334	334	0	71432	Benzene	1	3.71E-01	3.08E-05	1
334	334	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
334	334	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
334	334	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
334	334	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
334	334	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
334	334	0	108883	Toluene	1	3.32E-01	2.76E-05	1
334	334	0	110543	Hexane	1	0.00E+00	9.22E-07	1
334	334	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
334	334	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
334	334	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
334	334	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
334	334	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
334	334	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
334	334	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
334	334	0	7440508	Copper	1	0.00E+00	1.41E-07	1
334	334	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
334	334	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
334	334	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
334	334	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
334	334	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
335	335	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
335	335	0	9901	DPM	1	5.82E-01	0.00E+00	1
335	335	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
335	335	0	71432	Benzene	1	5.18E-02	5.92E-06	1
335	335	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
335	335	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
335	335	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
335	335	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
335	335	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
335	335	0	108883	Toluene	1	4.65E-02	5.31E-06	1
335	335	0	110543	Hexane	1	0.00E+00	2.18E-07	1
335	335	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
335	335	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
335	335	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
335	335	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
335	335	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
335	335	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
335	335	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
335	335	0	7440508	Copper	1	0.00E+00	3.32E-08	1
335	335	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
335	335	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
335	335	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
335	335	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
335	335	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
336	336	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
336	336	0	9901	DPM	1	8.48E-01	0.00E+00	1
336	336	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
336	336	0	71432	Benzene	1	1.36E+00	9.24E-05	1
336	336	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
336	336	0	91203	PAHs[Napth]	1	5.54E-03	2.03E-06	1
336	336	0	100414	Ethylbenzene	1	2.72E-01	1.84E-05	1
336	336	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
336	336	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
336	336	0	108883	Toluene	1	1.22E+00	8.28E-05	1
336	336	0	110543	Hexane	1	0.00E+00	2.77E-06	1
336	336	0	1330207	Xylenes	1	8.43E-01	5.72E-05	1
336	336	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
336	336	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
336	336	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
336	336	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
336	336	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
336	336	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
336	336	0	7440508	Copper	1	0.00E+00	4.22E-07	1
336	336	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
336	336	0	7664417	Ammonia	1	2.31E-03	1.99E-03	1
336	336	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
336	336	0	7783064	Hydrogensulfide	1	5.08E-03	3.50E-07	1
336	336	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
337	337	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
337	337	0	9901	DPM	1	6.71E-01	0.00E+00	1
337	337	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
337	337	0	71432	Benzene	1	4.53E-01	3.08E-05	1
337	337	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
337	337	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
337	337	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
337	337	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
337	337	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
337	337	0	108883	Toluene	1	4.06E-01	2.76E-05	1
337	337	0	110543	Hexane	1	0.00E+00	9.22E-07	1
337	337	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
337	337	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
337	337	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
337	337	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
337	337	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
337	337	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
337	337	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
337	337	0	7440508	Copper	1	0.00E+00	1.41E-07	1
337	337	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
337	337	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
337	337	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
337	337	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
337	337	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
338	338	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
338	338	0	9901	DPM	1	9.37E-01	0.00E+00	1
338	338	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
338	338	0	71432	Benzene	1	1.78E+00	1.23E-04	1
338	338	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
338	338	0	91203	PAHs[Napth]	1	7.28E-03	2.70E-06	1
338	338	0	100414	Ethylbenzene	1	3.56E-01	2.46E-05	1
338	338	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
338	338	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
338	338	0	108883	Toluene	1	1.60E+00	1.10E-04	1
338	338	0	110543	Hexane	1	0.00E+00	3.69E-06	1
338	338	0	1330207	Xylenes	1	1.10E+00	7.63E-05	1
338	338	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
338	338	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
338	338	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
338	338	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
338	338	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
338	338	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
338	338	0	7440508	Copper	1	0.00E+00	5.62E-07	1
338	338	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
338	338	0	7664417	Ammonia	1	3.04E-03	2.65E-03	1
338	338	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
338	338	0	7783064	Hydrogensulfide	1	6.68E-03	4.66E-07	1
338	338	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
339	339	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
339	339	0	9901	DPM	1	6.71E-01	0.00E+00	1
339	339	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
339	339	0	71432	Benzene	1	4.53E-01	3.08E-05	1
339	339	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
339	339	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
339	339	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
339	339	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
339	339	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
339	339	0	108883	Toluene	1	4.06E-01	2.76E-05	1
339	339	0	110543	Hexane	1	0.00E+00	9.22E-07	1
339	339	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
339	339	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
339	339	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
339	339	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
339	339	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
339	339	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
339	339	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
339	339	0	7440508	Copper	1	0.00E+00	1.41E-07	1
339	339	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
339	339	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
339	339	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
339	339	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
339	339	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
340	340	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
340	340	0	9901	DPM	1	6.71E-01	0.00E+00	1
340	340	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
340	340	0	71432	Benzene	1	4.53E-01	3.08E-05	1
340	340	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
340	340	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
340	340	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
340	340	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
340	340	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
340	340	0	108883	Toluene	1	4.06E-01	2.76E-05	1
340	340	0	110543	Hexane	1	0.00E+00	9.22E-07	1
340	340	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
340	340	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
340	340	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
340	340	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
340	340	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
340	340	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
340	340	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
340	340	0	7440508	Copper	1	0.00E+00	1.41E-07	1
340	340	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
340	340	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
340	340	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
340	340	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
340	340	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
341	341	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
341	341	0	9901	DPM	1	6.71E-01	0.00E+00	1
341	341	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
341	341	0	71432	Benzene	1	4.23E-01	3.08E-05	1
341	341	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
341	341	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
341	341	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
341	341	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
341	341	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
341	341	0	108883	Toluene	1	3.79E-01	2.76E-05	1
341	341	0	110543	Hexane	1	0.00E+00	9.22E-07	1
341	341	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
341	341	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
341	341	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
341	341	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
341	341	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
341	341	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
341	341	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
341	341	0	7440508	Copper	1	0.00E+00	1.41E-07	1
341	341	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
341	341	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
341	341	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
341	341	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
341	341	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
342	342	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
342	342	0	9901	DPM	1	5.82E-01	0.00E+00	1
342	342	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
342	342	0	71432	Benzene	1	5.18E-02	5.92E-06	1
342	342	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
342	342	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
342	342	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
342	342	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
342	342	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
342	342	0	108883	Toluene	1	4.65E-02	5.31E-06	1
342	342	0	110543	Hexane	1	0.00E+00	2.18E-07	1
342	342	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
342	342	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
342	342	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
342	342	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
342	342	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
342	342	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
342	342	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
342	342	0	7440508	Copper	1	0.00E+00	3.32E-08	1
342	342	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
342	342	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
342	342	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
342	342	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
342	342	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
343	343	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
343	343	0	9901	DPM	1	5.82E-01	0.00E+00	1
343	343	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
343	343	0	71432	Benzene	1	5.18E-02	5.92E-06	1
343	343	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
343	343	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
343	343	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
343	343	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
343	343	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
343	343	0	108883	Toluene	1	4.65E-02	5.31E-06	1
343	343	0	110543	Hexane	1	0.00E+00	2.18E-07	1
343	343	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
343	343	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
343	343	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
343	343	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
343	343	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
343	343	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
343	343	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
343	343	0	7440508	Copper	1	0.00E+00	3.32E-08	1
343	343	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
343	343	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
343	343	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
343	343	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
343	343	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
344	344	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
344	344	0	9901	DPM	1	8.48E-01	0.00E+00	1
344	344	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
344	344	0	71432	Benzene	1	1.19E+00	9.24E-05	1
344	344	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
344	344	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
344	344	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
344	344	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
344	344	0	107028	Acrolein	1	0.00E+00	3.49E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
344	344	0	108883	Toluene	1	1.07E+00	8.28E-05	1
344	344	0	110543	Hexane	1	0.00E+00	2.77E-06	1
344	344	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
344	344	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
344	344	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
344	344	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
344	344	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
344	344	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
344	344	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
344	344	0	7440508	Copper	1	0.00E+00	4.22E-07	1
344	344	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
344	344	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
344	344	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
344	344	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
344	344	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
345	345	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
345	345	0	9901	DPM	1	6.71E-01	0.00E+00	1
345	345	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
345	345	0	71432	Benzene	1	3.71E-01	3.08E-05	1
345	345	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
345	345	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
345	345	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
345	345	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
345	345	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
345	345	0	108883	Toluene	1	3.32E-01	2.76E-05	1
345	345	0	110543	Hexane	1	0.00E+00	9.22E-07	1
345	345	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
345	345	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
345	345	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
345	345	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
345	345	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
345	345	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
345	345	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
345	345	0	7440508	Copper	1	0.00E+00	1.41E-07	1
345	345	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
345	345	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
345	345	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
345	345	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
345	345	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
346	346	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
346	346	0	9901	DPM	1	1.03E+00	0.00E+00	1
346	346	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
346	346	0	71432	Benzene	1	2.29E+00	1.54E-04	1
346	346	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
346	346	0	91203	PAHs[Napth]	1	9.34E-03	3.38E-06	1
346	346	0	100414	Ethylbenzene	1	4.57E-01	3.07E-05	1
346	346	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
346	346	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
346	346	0	108883	Toluene	1	2.05E+00	1.38E-04	1
346	346	0	110543	Hexane	1	0.00E+00	4.61E-06	1
346	346	0	1330207	Xylenes	1	1.42E+00	9.53E-05	1
346	346	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
346	346	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
346	346	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
346	346	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
346	346	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
346	346	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
346	346	0	7440508	Copper	1	0.00E+00	7.03E-07	1
346	346	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
346	346	0	7664417	Ammonia	1	3.90E-03	3.31E-03	1
346	346	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
346	346	0	7783064	Hydrogensulfide	1	8.58E-03	5.83E-07	1
346	346	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
347	347	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
347	347	0	9901	DPM	1	6.71E-01	0.00E+00	1
347	347	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
347	347	0	71432	Benzene	1	4.23E-01	3.08E-05	1
347	347	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
347	347	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
347	347	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
347	347	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
347	347	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
347	347	0	108883	Toluene	1	3.79E-01	2.76E-05	1
347	347	0	110543	Hexane	1	0.00E+00	9.22E-07	1
347	347	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
347	347	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
347	347	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
347	347	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
347	347	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
347	347	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
347	347	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
347	347	0	7440508	Copper	1	0.00E+00	1.41E-07	1
347	347	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
347	347	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
347	347	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
347	347	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
347	347	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
348	348	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
348	348	0	9901	DPM	1	8.48E-01	0.00E+00	1
348	348	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
348	348	0	71432	Benzene	1	1.28E+00	9.24E-05	1
348	348	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
348	348	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
348	348	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
348	348	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
348	348	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
348	348	0	108883	Toluene	1	1.14E+00	8.28E-05	1
348	348	0	110543	Hexane	1	0.00E+00	2.77E-06	1
348	348	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
348	348	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
348	348	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
348	348	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
348	348	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
348	348	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
348	348	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
348	348	0	7440508	Copper	1	0.00E+00	4.22E-07	1
348	348	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
348	348	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
348	348	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
348	348	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
348	348	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
349	349	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
349	349	0	9901	DPM	1	8.48E-01	0.00E+00	1
349	349	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
349	349	0	71432	Benzene	1	1.19E+00	9.24E-05	1
349	349	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
349	349	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
349	349	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
349	349	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
349	349	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
349	349	0	108883	Toluene	1	1.07E+00	8.28E-05	1
349	349	0	110543	Hexane	1	0.00E+00	2.77E-06	1
349	349	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
349	349	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
349	349	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
349	349	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
349	349	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
349	349	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
349	349	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
349	349	0	7440508	Copper	1	0.00E+00	4.22E-07	1
349	349	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
349	349	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
349	349	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
349	349	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
349	349	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
350	350	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
350	350	0	9901	DPM	1	6.71E-01	0.00E+00	1
350	350	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
350	350	0	71432	Benzene	1	4.53E-01	3.08E-05	1
350	350	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
350	350	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
350	350	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
350	350	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
350	350	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
350	350	0	108883	Toluene	1	4.06E-01	2.76E-05	1
350	350	0	110543	Hexane	1	0.00E+00	9.22E-07	1
350	350	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
350	350	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
350	350	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
350	350	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
350	350	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
350	350	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
350	350	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
350	350	0	7440508	Copper	1	0.00E+00	1.41E-07	1
350	350	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
350	350	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
350	350	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
350	350	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
350	350	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
351	351	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
351	351	0	9901	DPM	1	6.71E-01	0.00E+00	1
351	351	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
351	351	0	71432	Benzene	1	4.53E-01	3.08E-05	1
351	351	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
351	351	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
351	351	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
351	351	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
351	351	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
351	351	0	108883	Toluene	1	4.06E-01	2.76E-05	1
351	351	0	110543	Hexane	1	0.00E+00	9.22E-07	1
351	351	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
351	351	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
351	351	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
351	351	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
351	351	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
351	351	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
351	351	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
351	351	0	7440508	Copper	1	0.00E+00	1.41E-07	1
351	351	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
351	351	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
351	351	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
351	351	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
351	351	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
352	352	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
352	352	0	9901	DPM	1	6.71E-01	0.00E+00	1
352	352	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
352	352	0	71432	Benzene	1	3.71E-01	3.08E-05	1
352	352	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
352	352	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
352	352	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
352	352	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
352	352	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
352	352	0	108883	Toluene	1	3.32E-01	2.76E-05	1
352	352	0	110543	Hexane	1	0.00E+00	9.22E-07	1
352	352	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
352	352	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
352	352	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
352	352	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
352	352	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
352	352	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
352	352	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
352	352	0	7440508	Copper	1	0.00E+00	1.41E-07	1
352	352	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
352	352	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
352	352	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
352	352	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
352	352	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
353	353	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
353	353	0	9901	DPM	1	6.71E-01	0.00E+00	1
353	353	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
353	353	0	71432	Benzene	1	5.05E-01	3.08E-05	1
353	353	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
353	353	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
353	353	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
353	353	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
353	353	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
353	353	0	108883	Toluene	1	4.53E-01	2.76E-05	1
353	353	0	110543	Hexane	1	0.00E+00	9.22E-07	1
353	353	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
353	353	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
353	353	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
353	353	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
353	353	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
353	353	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
353	353	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
353	353	0	7440508	Copper	1	0.00E+00	1.41E-07	1
353	353	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
353	353	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
353	353	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
353	353	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
353	353	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
354	354	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
354	354	0	9901	DPM	1	6.71E-01	0.00E+00	1
354	354	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
354	354	0	71432	Benzene	1	4.53E-01	3.08E-05	1
354	354	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
354	354	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
354	354	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
354	354	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
354	354	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
354	354	0	108883	Toluene	1	4.06E-01	2.76E-05	1
354	354	0	110543	Hexane	1	0.00E+00	9.22E-07	1
354	354	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
354	354	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
354	354	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
354	354	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
354	354	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
354	354	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
354	354	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
354	354	0	7440508	Copper	1	0.00E+00	1.41E-07	1
354	354	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
354	354	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
354	354	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
354	354	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
354	354	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
355	355	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
355	355	0	9901	DPM	1	9.37E-01	0.00E+00	1
355	355	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
355	355	0	71432	Benzene	1	1.78E+00	1.23E-04	1
355	355	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
355	355	0	91203	PAHs[Napth]	1	7.28E-03	2.70E-06	1
355	355	0	100414	Ethylbenzene	1	3.56E-01	2.46E-05	1
355	355	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
355	355	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
355	355	0	108883	Toluene	1	1.60E+00	1.10E-04	1
355	355	0	110543	Hexane	1	0.00E+00	3.69E-06	1
355	355	0	1330207	Xylenes	1	1.10E+00	7.63E-05	1
355	355	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
355	355	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
355	355	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
355	355	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
355	355	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
355	355	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
355	355	0	7440508	Copper	1	0.00E+00	5.62E-07	1
355	355	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
355	355	0	7664417	Ammonia	1	3.04E-03	2.65E-03	1
355	355	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
355	355	0	7783064	Hydrogensulfide	1	6.68E-03	4.66E-07	1
355	355	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
356	356	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
356	356	0	9901	DPM	1	9.26E-02	0.00E+00	1
356	356	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
356	356	0	71432	Benzene	1	4.23E-01	3.08E-05	1
356	356	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
356	356	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
356	356	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
356	356	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
356	356	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
356	356	0	108883	Toluene	1	3.79E-01	2.76E-05	1
356	356	0	110543	Hexane	1	0.00E+00	9.22E-07	1
356	356	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
356	356	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
356	356	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
356	356	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
356	356	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
356	356	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
356	356	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
356	356	0	7440508	Copper	1	0.00E+00	1.41E-07	1
356	356	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
356	356	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
356	356	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
356	356	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
356	356	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
357	357	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
357	357	0	9901	DPM	1	5.82E-01	0.00E+00	1
357	357	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
357	357	0	71432	Benzene	1	5.18E-02	5.92E-06	1
357	357	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
357	357	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
357	357	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
357	357	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
357	357	0	107028	Acrolein	1	0.00E+00	2.74E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
357	357	0	108883	Toluene	1	4.65E-02	5.31E-06	1
357	357	0	110543	Hexane	1	0.00E+00	2.18E-07	1
357	357	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
357	357	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
357	357	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
357	357	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
357	357	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
357	357	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
357	357	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
357	357	0	7440508	Copper	1	0.00E+00	3.32E-08	1
357	357	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
357	357	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
357	357	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
357	357	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
357	357	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
358	358	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
358	358	0	9901	DPM	1	6.71E-01	0.00E+00	1
358	358	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
358	358	0	71432	Benzene	1	3.71E-01	3.08E-05	1
358	358	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
358	358	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
358	358	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
358	358	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
358	358	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
358	358	0	108883	Toluene	1	3.32E-01	2.76E-05	1
358	358	0	110543	Hexane	1	0.00E+00	9.22E-07	1
358	358	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
358	358	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
358	358	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
358	358	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
358	358	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
358	358	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
358	358	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
358	358	0	7440508	Copper	1	0.00E+00	1.41E-07	1
358	358	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
358	358	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
358	358	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
358	358	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
358	358	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
359	359	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
359	359	0	9901	DPM	1	6.71E-01	0.00E+00	1
359	359	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
359	359	0	71432	Benzene	1	3.71E-01	3.08E-05	1
359	359	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
359	359	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
359	359	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
359	359	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
359	359	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
359	359	0	108883	Toluene	1	3.32E-01	2.76E-05	1
359	359	0	110543	Hexane	1	0.00E+00	9.22E-07	1
359	359	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
359	359	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
359	359	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
359	359	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
359	359	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
359	359	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
359	359	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
359	359	0	7440508	Copper	1	0.00E+00	1.41E-07	1
359	359	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
359	359	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
359	359	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
359	359	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
359	359	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
360	360	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
360	360	0	9901	DPM	1	6.71E-01	0.00E+00	1
360	360	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
360	360	0	71432	Benzene	1	4.23E-01	3.08E-05	1
360	360	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
360	360	0	91203	PAHs[Napth]	1	1.75E-03	6.75E-07	1
360	360	0	100414	Ethylbenzene	1	8.44E-02	6.14E-06	1
360	360	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
360	360	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
360	360	0	108883	Toluene	1	3.79E-01	2.76E-05	1
360	360	0	110543	Hexane	1	0.00E+00	9.22E-07	1
360	360	0	1330207	Xylenes	1	2.62E-01	1.91E-05	1
360	360	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
360	360	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
360	360	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
360	360	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
360	360	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
360	360	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
360	360	0	7440508	Copper	1	0.00E+00	1.41E-07	1
360	360	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
360	360	0	7664417	Ammonia	1	7.27E-04	6.63E-04	1
360	360	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
360	360	0	7783064	Hydrogensulfide	1	1.60E-03	1.17E-07	1
360	360	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
361	361	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
361	361	0	9901	DPM	1	6.71E-01	0.00E+00	1
361	361	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
361	361	0	71432	Benzene	1	5.57E-01	3.28E-05	1
361	361	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
361	361	0	91203	PAHs[Napth]	1	2.28E-03	6.75E-07	1
361	361	0	100414	Ethylbenzene	1	1.11E-01	6.56E-06	1
361	361	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
361	361	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
361	361	0	108883	Toluene	1	4.99E-01	2.94E-05	1
361	361	0	110543	Hexane	1	0.00E+00	9.22E-07	1
361	361	0	1330207	Xylenes	1	3.45E-01	2.03E-05	1
361	361	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
361	361	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
361	361	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
361	361	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
361	361	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
361	361	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
361	361	0	7440508	Copper	1	0.00E+00	1.41E-07	1
361	361	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
361	361	0	7664417	Ammonia	1	9.50E-04	6.63E-04	1
361	361	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
361	361	0	7783064	Hydrogensulfide	1	2.09E-03	1.22E-07	1
361	361	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
362	362	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
362	362	0	9901	DPM	1	6.71E-01	0.00E+00	1
362	362	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
362	362	0	71432	Benzene	1	4.53E-01	3.08E-05	1
362	362	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
362	362	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
362	362	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
362	362	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
362	362	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
362	362	0	108883	Toluene	1	4.06E-01	2.76E-05	1
362	362	0	110543	Hexane	1	0.00E+00	9.22E-07	1
362	362	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
362	362	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
362	362	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
362	362	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
362	362	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
362	362	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
362	362	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
362	362	0	7440508	Copper	1	0.00E+00	1.41E-07	1
362	362	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
362	362	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
362	362	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
362	362	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
362	362	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
363	363	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
363	363	0	9901	DPM	1	7.59E-01	0.00E+00	1
363	363	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
363	363	0	71432	Benzene	1	9.07E-01	6.16E-05	1
363	363	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
363	363	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
363	363	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
363	363	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
363	363	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
363	363	0	108883	Toluene	1	8.12E-01	5.52E-05	1
363	363	0	110543	Hexane	1	0.00E+00	1.84E-06	1
363	363	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
363	363	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
363	363	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
363	363	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
363	363	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
363	363	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
363	363	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
363	363	0	7440508	Copper	1	0.00E+00	2.81E-07	1
363	363	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
363	363	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
363	363	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
363	363	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
363	363	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
364	364	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1
364	364	0	9901	DPM	1	9.37E-01	0.00E+00	1
364	364	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
364	364	0	71432	Benzene	1	1.65E+00	1.23E-04	1
364	364	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
364	364	0	91203	PAHs[Napth]	1	6.75E-03	2.70E-06	1
364	364	0	100414	Ethylbenzene	1	3.29E-01	2.46E-05	1
364	364	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
364	364	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
364	364	0	108883	Toluene	1	1.48E+00	1.10E-04	1
364	364	0	110543	Hexane	1	0.00E+00	3.69E-06	1
364	364	0	1330207	Xylenes	1	1.02E+00	7.63E-05	1
364	364	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
364	364	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
364	364	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
364	364	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
364	364	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
364	364	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
364	364	0	7440508	Copper	1	0.00E+00	5.62E-07	1
364	364	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
364	364	0	7664417	Ammonia	1	2.82E-03	2.65E-03	1
364	364	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
364	364	0	7783064	Hydrogensulfide	1	6.20E-03	4.66E-07	1
364	364	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
365	365	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
365	365	0	9901	DPM	1	7.59E-01	0.00E+00	1
365	365	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
365	365	0	71432	Benzene	1	9.07E-01	6.16E-05	1
365	365	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
365	365	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
365	365	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
365	365	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
365	365	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
365	365	0	108883	Toluene	1	8.12E-01	5.52E-05	1
365	365	0	110543	Hexane	1	0.00E+00	1.84E-06	1
365	365	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
365	365	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
365	365	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
365	365	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
365	365	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
365	365	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
365	365	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
365	365	0	7440508	Copper	1	0.00E+00	2.81E-07	1
365	365	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
365	365	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
365	365	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
365	365	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
365	365	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
366	366	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
366	366	0	9901	DPM	1	6.71E-01	0.00E+00	1
366	366	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
366	366	0	71432	Benzene	1	5.05E-01	3.08E-05	1
366	366	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
366	366	0	91203	PAHs[Napth]	1	2.06E-03	6.75E-07	1
366	366	0	100414	Ethylbenzene	1	1.01E-01	6.14E-06	1
366	366	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
366	366	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
366	366	0	108883	Toluene	1	4.53E-01	2.76E-05	1
366	366	0	110543	Hexane	1	0.00E+00	9.22E-07	1
366	366	0	1330207	Xylenes	1	3.13E-01	1.91E-05	1
366	366	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
366	366	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
366	366	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
366	366	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
366	366	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
366	366	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
366	366	0	7440508	Copper	1	0.00E+00	1.41E-07	1
366	366	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
366	366	0	7664417	Ammonia	1	8.61E-04	6.63E-04	1
366	366	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
366	366	0	7783064	Hydrogensulfide	1	1.89E-03	1.17E-07	1
366	366	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
367	367	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
367	367	0	9901	DPM	1	7.59E-01	0.00E+00	1
367	367	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
367	367	0	71432	Benzene	1	8.24E-01	6.16E-05	1
367	367	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
367	367	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
367	367	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
367	367	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
367	367	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
367	367	0	108883	Toluene	1	7.38E-01	5.52E-05	1
367	367	0	110543	Hexane	1	0.00E+00	1.84E-06	1
367	367	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
367	367	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
367	367	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
367	367	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
367	367	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
367	367	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
367	367	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
367	367	0	7440508	Copper	1	0.00E+00	2.81E-07	1
367	367	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
367	367	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
367	367	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
367	367	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
367	367	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
368	368	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
368	368	0	9901	DPM	1	8.48E-01	0.00E+00	1
368	368	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
368	368	0	71432	Benzene	1	1.28E+00	9.24E-05	1
368	368	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
368	368	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
368	368	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
368	368	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
368	368	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
368	368	0	108883	Toluene	1	1.14E+00	8.28E-05	1
368	368	0	110543	Hexane	1	0.00E+00	2.77E-06	1
368	368	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
368	368	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
368	368	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
368	368	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
368	368	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
368	368	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
368	368	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
368	368	0	7440508	Copper	1	0.00E+00	4.22E-07	1
368	368	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
368	368	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
368	368	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
368	368	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
368	368	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
369	369	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
369	369	0	9901	DPM	1	5.82E-01	0.00E+00	1
369	369	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
369	369	0	71432	Benzene	1	5.18E-02	5.92E-06	1
369	369	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
369	369	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
369	369	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
369	369	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
369	369	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
369	369	0	108883	Toluene	1	4.65E-02	5.31E-06	1
369	369	0	110543	Hexane	1	0.00E+00	2.18E-07	1
369	369	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
369	369	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
369	369	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
369	369	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
369	369	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
369	369	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
369	369	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
369	369	0	7440508	Copper	1	0.00E+00	3.32E-08	1
369	369	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
369	369	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
369	369	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
369	369	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
369	369	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
370	370	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
370	370	0	9901	DPM	1	6.71E-01	0.00E+00	1
370	370	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
370	370	0	71432	Benzene	1	4.53E-01	3.08E-05	1
370	370	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
370	370	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
370	370	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
370	370	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
370	370	0	107028	Acrolein	1	0.00E+00	1.16E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
370	370	0	108883	Toluene	1	4.06E-01	2.76E-05	1
370	370	0	110543	Hexane	1	0.00E+00	9.22E-07	1
370	370	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
370	370	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
370	370	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
370	370	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
370	370	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
370	370	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
370	370	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
370	370	0	7440508	Copper	1	0.00E+00	1.41E-07	1
370	370	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
370	370	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
370	370	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
370	370	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
370	370	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
371	371	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
371	371	0	9901	DPM	1	8.48E-01	0.00E+00	1
371	371	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
371	371	0	71432	Benzene	1	1.28E+00	9.24E-05	1
371	371	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
371	371	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
371	371	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
371	371	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
371	371	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
371	371	0	108883	Toluene	1	1.14E+00	8.28E-05	1
371	371	0	110543	Hexane	1	0.00E+00	2.77E-06	1
371	371	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
371	371	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
371	371	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
371	371	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
371	371	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
371	371	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
371	371	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
371	371	0	7440508	Copper	1	0.00E+00	4.22E-07	1
371	371	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
371	371	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
371	371	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
371	371	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
371	371	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
372	372	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
372	372	0	9901	DPM	1	5.82E-01	0.00E+00	1
372	372	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
372	372	0	71432	Benzene	1	5.18E-02	5.92E-06	1
372	372	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
372	372	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
372	372	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
372	372	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
372	372	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
372	372	0	108883	Toluene	1	4.65E-02	5.31E-06	1
372	372	0	110543	Hexane	1	0.00E+00	2.18E-07	1
372	372	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
372	372	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
372	372	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
372	372	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
372	372	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
372	372	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
372	372	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
372	372	0	7440508	Copper	1	0.00E+00	3.32E-08	1
372	372	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
372	372	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1
372	372	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
372	372	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
372	372	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
373	373	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
373	373	0	9901	DPM	1	6.71E-01	0.00E+00	1
373	373	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
373	373	0	71432	Benzene	1	4.53E-01	3.08E-05	1
373	373	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
373	373	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
373	373	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
373	373	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
373	373	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
373	373	0	108883	Toluene	1	4.06E-01	2.76E-05	1
373	373	0	110543	Hexane	1	0.00E+00	9.22E-07	1
373	373	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
373	373	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
373	373	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
373	373	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
373	373	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
373	373	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
373	373	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
373	373	0	7440508	Copper	1	0.00E+00	1.41E-07	1
373	373	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
373	373	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
373	373	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
373	373	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
373	373	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
374	374	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
374	374	0	9901	DPM	1	6.71E-01	0.00E+00	1
374	374	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
374	374	0	71432	Benzene	1	4.53E-01	3.08E-05	1
374	374	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
374	374	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
374	374	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
374	374	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
374	374	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
374	374	0	108883	Toluene	1	4.06E-01	2.76E-05	1
374	374	0	110543	Hexane	1	0.00E+00	9.22E-07	1
374	374	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
374	374	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
374	374	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
374	374	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
374	374	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
374	374	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
374	374	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
374	374	0	7440508	Copper	1	0.00E+00	1.41E-07	1
374	374	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
374	374	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
374	374	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
374	374	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
374	374	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
375	375	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
375	375	0	9901	DPM	1	6.71E-01	0.00E+00	1
375	375	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
375	375	0	71432	Benzene	1	4.53E-01	3.08E-05	1
375	375	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
375	375	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
375	375	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
375	375	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
375	375	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
375	375	0	108883	Toluene	1	4.06E-01	2.76E-05	1
375	375	0	110543	Hexane	1	0.00E+00	9.22E-07	1
375	375	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
375	375	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
375	375	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
375	375	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
375	375	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
375	375	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
375	375	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
375	375	0	7440508	Copper	1	0.00E+00	1.41E-07	1
375	375	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
375	375	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
375	375	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
375	375	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
375	375	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
376	376	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
376	376	0	9901	DPM	1	5.82E-01	0.00E+00	1
376	376	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
376	376	0	71432	Benzene	1	5.18E-02	5.92E-06	1
376	376	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
376	376	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
376	376	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
376	376	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
376	376	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
376	376	0	108883	Toluene	1	4.65E-02	5.31E-06	1
376	376	0	110543	Hexane	1	0.00E+00	2.18E-07	1
376	376	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
376	376	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
376	376	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
376	376	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
376	376	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
376	376	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
376	376	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
376	376	0	7440508	Copper	1	0.00E+00	3.32E-08	1
376	376	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
376	376	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
376	376	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
376	376	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
376	376	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
377	377	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
377	377	0	9901	DPM	1	6.71E-01	0.00E+00	1
377	377	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
377	377	0	71432	Benzene	1	4.53E-01	3.08E-05	1
377	377	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
377	377	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
377	377	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
377	377	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
377	377	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
377	377	0	108883	Toluene	1	4.06E-01	2.76E-05	1
377	377	0	110543	Hexane	1	0.00E+00	9.22E-07	1
377	377	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
377	377	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
377	377	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
377	377	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
377	377	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
377	377	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
377	377	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
377	377	0	7440508	Copper	1	0.00E+00	1.41E-07	1
377	377	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
377	377	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
377	377	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
377	377	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
377	377	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
378	378	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
378	378	0	9901	DPM	1	7.59E-01	0.00E+00	1
378	378	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
378	378	0	71432	Benzene	1	8.45E-01	6.16E-05	1
378	378	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
378	378	0	91203	PAHs[Napth]	1	3.49E-03	1.35E-06	1
378	378	0	100414	Ethylbenzene	1	1.69E-01	1.23E-05	1
378	378	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
378	378	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
378	378	0	108883	Toluene	1	7.57E-01	5.52E-05	1
378	378	0	110543	Hexane	1	0.00E+00	1.84E-06	1
378	378	0	1330207	Xylenes	1	5.24E-01	3.81E-05	1
378	378	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
378	378	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
378	378	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
378	378	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
378	378	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
378	378	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
378	378	0	7440508	Copper	1	0.00E+00	2.81E-07	1
378	378	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
378	378	0	7664417	Ammonia	1	1.45E-03	1.33E-03	1
378	378	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
378	378	0	7783064	Hydrogensulfide	1	3.20E-03	2.33E-07	1
378	378	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
379	379	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
379	379	0	9901	DPM	1	9.26E-02	0.00E+00	1
379	379	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
379	379	0	71432	Benzene	1	3.71E-01	3.08E-05	1
379	379	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
379	379	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
379	379	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
379	379	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
379	379	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
379	379	0	108883	Toluene	1	3.32E-01	2.76E-05	1
379	379	0	110543	Hexane	1	0.00E+00	9.22E-07	1
379	379	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
379	379	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
379	379	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
379	379	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
379	379	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
379	379	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
379	379	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
379	379	0	7440508	Copper	1	0.00E+00	1.41E-07	1
379	379	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
379	379	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
379	379	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
379	379	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
379	379	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
380	380	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
380	380	0	9901	DPM	1	8.91E-02	0.00E+00	1
380	380	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
380	380	0	71432	Benzene	1	3.71E-01	3.08E-05	1
380	380	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
380	380	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
380	380	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
380	380	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
380	380	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
380	380	0	108883	Toluene	1	3.32E-01	2.76E-05	1
380	380	0	110543	Hexane	1	0.00E+00	9.22E-07	1
380	380	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
380	380	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
380	380	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
380	380	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
380	380	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
380	380	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
380	380	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
380	380	0	7440508	Copper	1	0.00E+00	1.41E-07	1
380	380	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
380	380	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
380	380	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
380	380	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
380	380	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
381	381	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
381	381	0	9901	DPM	1	9.26E-02	0.00E+00	1
381	381	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
381	381	0	71432	Benzene	1	4.53E-01	3.08E-05	1
381	381	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
381	381	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
381	381	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
381	381	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
381	381	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
381	381	0	108883	Toluene	1	4.06E-01	2.76E-05	1
381	381	0	110543	Hexane	1	0.00E+00	9.22E-07	1
381	381	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
381	381	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
381	381	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
381	381	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
381	381	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
381	381	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
381	381	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
381	381	0	7440508	Copper	1	0.00E+00	1.41E-07	1
381	381	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
381	381	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
381	381	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
381	381	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
381	381	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
382	382	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
382	382	0	9901	DPM	1	2.70E-01	0.00E+00	1
382	382	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
382	382	0	71432	Benzene	1	1.28E+00	9.24E-05	1
382	382	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
382	382	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
382	382	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
382	382	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
382	382	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
382	382	0	108883	Toluene	1	1.14E+00	8.28E-05	1
382	382	0	110543	Hexane	1	0.00E+00	2.77E-06	1
382	382	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
382	382	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
382	382	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
382	382	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
382	382	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
382	382	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
382	382	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
382	382	0	7440508	Copper	1	0.00E+00	4.22E-07	1
382	382	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
382	382	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
382	382	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
382	382	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
382	382	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
383	383	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
383	383	0	9901	DPM	1	2.70E-01	0.00E+00	1
383	383	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
383	383	0	71432	Benzene	1	1.19E+00	9.24E-05	1
383	383	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
383	383	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
383	383	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
383	383	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
383	383	0	107028	Acrolein	1	0.00E+00	3.49E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
383	383	0	108883	Toluene	1	1.07E+00	8.28E-05	1
383	383	0	110543	Hexane	1	0.00E+00	2.77E-06	1
383	383	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
383	383	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
383	383	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
383	383	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
383	383	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
383	383	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
383	383	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
383	383	0	7440508	Copper	1	0.00E+00	4.22E-07	1
383	383	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
383	383	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
383	383	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
383	383	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
383	383	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
384	384	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
384	384	0	9901	DPM	1	7.59E-01	0.00E+00	1
384	384	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
384	384	0	71432	Benzene	1	9.07E-01	6.16E-05	1
384	384	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
384	384	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
384	384	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
384	384	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
384	384	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
384	384	0	108883	Toluene	1	8.12E-01	5.52E-05	1
384	384	0	110543	Hexane	1	0.00E+00	1.84E-06	1
384	384	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
384	384	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
384	384	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
384	384	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
384	384	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
384	384	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
384	384	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
384	384	0	7440508	Copper	1	0.00E+00	2.81E-07	1
384	384	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
384	384	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
384	384	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
384	384	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
384	384	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
385	385	0	1151	PAHs[Napth]	1	0.00E+00	1.15E-05	1
385	385	0	9901	DPM	1	1.11E+00	0.00E+00	1
385	385	0	50000	Formaldehyde	1	0.00E+00	3.55E-04	1
385	385	0	71432	Benzene	1	2.47E+00	1.85E-04	1
385	385	0	75070	Acetaldehyde	1	0.00E+00	1.61E-04	1
385	385	0	91203	PAHs[Napth]	1	1.01E-02	4.05E-06	1
385	385	0	100414	Ethylbenzene	1	4.94E-01	3.69E-05	1
385	385	0	106990	Butadiene[13]	1	0.00E+00	4.47E-05	1
385	385	0	107028	Acrolein	1	0.00E+00	6.97E-06	1
385	385	0	108883	Toluene	1	2.21E+00	1.66E-04	1
385	385	0	110543	Hexane	1	0.00E+00	5.53E-06	1
385	385	0	1330207	Xylenes	1	1.53E+00	1.14E-04	1
385	385	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.71E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
385	385	0	7439965	Manganese	1	0.00E+00	6.37E-07	1
385	385	0	7439976	Mercury	1	0.00E+00	4.11E-07	1
385	385	0	7440020	Nickel	1	0.00E+00	8.02E-07	1
385	385	0	7440382	Arsenic	1	0.00E+00	3.29E-07	1
385	385	0	7440439	Cadmium	1	0.00E+00	3.08E-07	1
385	385	0	7440508	Copper	1	0.00E+00	8.43E-07	1
385	385	0	7647010	Hydrochloricacid	1	0.00E+00	3.83E-05	1
385	385	0	7664417	Ammonia	1	4.23E-03	3.98E-03	1
385	385	0	7782492	Selenium	1	0.00E+00	4.52E-07	1
385	385	0	7783064	Hydrogensulfide	1	9.29E-03	6.99E-07	1
385	385	0	18540299	Chromiumhexavalent6	1	0.00E+00	2.06E-08	1
386	386	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
386	386	0	9901	DPM	1	7.59E-01	0.00E+00	1
386	386	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
386	386	0	71432	Benzene	1	8.24E-01	6.16E-05	1
386	386	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
386	386	0	91203	PAHs[Napth]	1	3.38E-03	1.35E-06	1
386	386	0	100414	Ethylbenzene	1	1.65E-01	1.23E-05	1
386	386	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
386	386	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
386	386	0	108883	Toluene	1	7.38E-01	5.52E-05	1
386	386	0	110543	Hexane	1	0.00E+00	1.84E-06	1
386	386	0	1330207	Xylenes	1	5.10E-01	3.81E-05	1
386	386	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
386	386	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
386	386	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
386	386	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
386	386	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
386	386	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
386	386	0	7440508	Copper	1	0.00E+00	2.81E-07	1
386	386	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
386	386	0	7664417	Ammonia	1	1.41E-03	1.33E-03	1
386	386	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
386	386	0	7783064	Hydrogensulfide	1	3.10E-03	2.33E-07	1
386	386	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
387	387	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
387	387	0	9901	DPM	1	6.71E-01	0.00E+00	1
387	387	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
387	387	0	71432	Benzene	1	4.53E-01	3.08E-05	1
387	387	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
387	387	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
387	387	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
387	387	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
387	387	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
387	387	0	108883	Toluene	1	4.06E-01	2.76E-05	1
387	387	0	110543	Hexane	1	0.00E+00	9.22E-07	1
387	387	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
387	387	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
387	387	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
387	387	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
387	387	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
387	387	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
387	387	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
387	387	0	7440508	Copper	1	0.00E+00	1.41E-07	1
387	387	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
387	387	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
387	387	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
387	387	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
387	387	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
388	388	0	1151	PAHs[Napth]	1	0.00E+00	9.58E-06	1
388	388	0	9901	DPM	1	1.03E+00	0.00E+00	1
388	388	0	50000	Formaldehyde	1	0.00E+00	2.96E-04	1
388	388	0	71432	Benzene	1	2.21E+00	1.54E-04	1
388	388	0	75070	Acetaldehyde	1	0.00E+00	1.34E-04	1
388	388	0	91203	PAHs[Napth]	1	9.03E-03	3.38E-06	1
388	388	0	100414	Ethylbenzene	1	4.40E-01	3.07E-05	1
388	388	0	106990	Butadiene[13]	1	0.00E+00	3.73E-05	1
388	388	0	107028	Acrolein	1	0.00E+00	5.81E-06	1
388	388	0	108883	Toluene	1	1.98E+00	1.38E-04	1
388	388	0	110543	Hexane	1	0.00E+00	4.61E-06	1
388	388	0	1330207	Xylenes	1	1.37E+00	9.53E-05	1
388	388	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.42E-06	1
388	388	0	7439965	Manganese	1	0.00E+00	5.31E-07	1
388	388	0	7439976	Mercury	1	0.00E+00	3.43E-07	1
388	388	0	7440020	Nickel	1	0.00E+00	6.68E-07	1
388	388	0	7440382	Arsenic	1	0.00E+00	2.74E-07	1
388	388	0	7440439	Cadmium	1	0.00E+00	2.57E-07	1
388	388	0	7440508	Copper	1	0.00E+00	7.03E-07	1
388	388	0	7647010	Hydrochloricacid	1	0.00E+00	3.19E-05	1
388	388	0	7664417	Ammonia	1	3.77E-03	3.31E-03	1
388	388	0	7782492	Selenium	1	0.00E+00	3.77E-07	1
388	388	0	7783064	Hydrogensulfide	1	8.28E-03	5.83E-07	1
388	388	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.71E-08	1
389	389	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
389	389	0	9901	DPM	1	5.82E-01	0.00E+00	1
389	389	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
389	389	0	71432	Benzene	1	5.18E-02	5.92E-06	1
389	389	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
389	389	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
389	389	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
389	389	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
389	389	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
389	389	0	108883	Toluene	1	4.65E-02	5.31E-06	1
389	389	0	110543	Hexane	1	0.00E+00	2.18E-07	1
389	389	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
389	389	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
389	389	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
389	389	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
389	389	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
389	389	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
389	389	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
389	389	0	7440508	Copper	1	0.00E+00	3.32E-08	1
389	389	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
389	389	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
389	389	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
389	389	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
389	389	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
390	390	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
390	390	0	9901	DPM	1	8.48E-01	0.00E+00	1
390	390	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
390	390	0	71432	Benzene	1	1.19E+00	9.24E-05	1
390	390	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
390	390	0	91203	PAHs[Napth]	1	4.91E-03	2.03E-06	1
390	390	0	100414	Ethylbenzene	1	2.39E-01	1.84E-05	1
390	390	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
390	390	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
390	390	0	108883	Toluene	1	1.07E+00	8.28E-05	1
390	390	0	110543	Hexane	1	0.00E+00	2.77E-06	1
390	390	0	1330207	Xylenes	1	7.40E-01	5.72E-05	1
390	390	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
390	390	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
390	390	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
390	390	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
390	390	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
390	390	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
390	390	0	7440508	Copper	1	0.00E+00	4.22E-07	1
390	390	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
390	390	0	7664417	Ammonia	1	2.05E-03	1.99E-03	1
390	390	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
390	390	0	7783064	Hydrogensulfide	1	4.50E-03	3.50E-07	1
390	390	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
391	391	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
391	391	0	9901	DPM	1	7.59E-01	0.00E+00	1
391	391	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
391	391	0	71432	Benzene	1	9.07E-01	6.16E-05	1
391	391	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
391	391	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
391	391	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
391	391	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
391	391	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
391	391	0	108883	Toluene	1	8.12E-01	5.52E-05	1
391	391	0	110543	Hexane	1	0.00E+00	1.84E-06	1
391	391	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
391	391	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
391	391	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
391	391	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
391	391	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
391	391	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
391	391	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
391	391	0	7440508	Copper	1	0.00E+00	2.81E-07	1
391	391	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
391	391	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
391	391	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
391	391	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
391	391	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
392	392	0	1151	PAHs[Napth]	1	0.00E+00	7.66E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
392	392	0	9901	DPM	1	9.37E-01	0.00E+00	1
392	392	0	50000	Formaldehyde	1	0.00E+00	2.37E-04	1
392	392	0	71432	Benzene	1	1.78E+00	1.23E-04	1
392	392	0	75070	Acetaldehyde	1	0.00E+00	1.07E-04	1
392	392	0	91203	PAHs[Napth]	1	7.28E-03	2.70E-06	1
392	392	0	100414	Ethylbenzene	1	3.56E-01	2.46E-05	1
392	392	0	106990	Butadiene[13]	1	0.00E+00	2.98E-05	1
392	392	0	107028	Acrolein	1	0.00E+00	4.65E-06	1
392	392	0	108883	Toluene	1	1.60E+00	1.10E-04	1
392	392	0	110543	Hexane	1	0.00E+00	3.69E-06	1
392	392	0	1330207	Xylenes	1	1.10E+00	7.63E-05	1
392	392	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	1.14E-06	1
392	392	0	7439965	Manganese	1	0.00E+00	4.25E-07	1
392	392	0	7439976	Mercury	1	0.00E+00	2.74E-07	1
392	392	0	7440020	Nickel	1	0.00E+00	5.35E-07	1
392	392	0	7440382	Arsenic	1	0.00E+00	2.19E-07	1
392	392	0	7440439	Cadmium	1	0.00E+00	2.06E-07	1
392	392	0	7440508	Copper	1	0.00E+00	5.62E-07	1
392	392	0	7647010	Hydrochloricacid	1	0.00E+00	2.55E-05	1
392	392	0	7664417	Ammonia	1	3.04E-03	2.65E-03	1
392	392	0	7782492	Selenium	1	0.00E+00	3.02E-07	1
392	392	0	7783064	Hydrogensulfide	1	6.68E-03	4.66E-07	1
392	392	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.37E-08	1
393	393	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
393	393	0	9901	DPM	1	6.71E-01	0.00E+00	1
393	393	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
393	393	0	71432	Benzene	1	4.53E-01	3.08E-05	1
393	393	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
393	393	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
393	393	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
393	393	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
393	393	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
393	393	0	108883	Toluene	1	4.06E-01	2.76E-05	1
393	393	0	110543	Hexane	1	0.00E+00	9.22E-07	1
393	393	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
393	393	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
393	393	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
393	393	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
393	393	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
393	393	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
393	393	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
393	393	0	7440508	Copper	1	0.00E+00	1.41E-07	1
393	393	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
393	393	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
393	393	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
393	393	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
393	393	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
394	394	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
394	394	0	9901	DPM	1	6.71E-01	0.00E+00	1
394	394	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
394	394	0	71432	Benzene	1	4.53E-01	3.08E-05	1
394	394	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
394	394	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
394	394	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
394	394	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
394	394	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
394	394	0	108883	Toluene	1	4.06E-01	2.76E-05	1
394	394	0	110543	Hexane	1	0.00E+00	9.22E-07	1
394	394	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
394	394	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
394	394	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
394	394	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
394	394	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
394	394	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
394	394	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
394	394	0	7440508	Copper	1	0.00E+00	1.41E-07	1
394	394	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
394	394	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
394	394	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
394	394	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
394	394	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
395	395	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
395	395	0	9901	DPM	1	9.26E-02	0.00E+00	1
395	395	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
395	395	0	71432	Benzene	1	3.71E-01	3.08E-05	1
395	395	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
395	395	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
395	395	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
395	395	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
395	395	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
395	395	0	108883	Toluene	1	3.32E-01	2.76E-05	1
395	395	0	110543	Hexane	1	0.00E+00	9.22E-07	1
395	395	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
395	395	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
395	395	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
395	395	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
395	395	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
395	395	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
395	395	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
395	395	0	7440508	Copper	1	0.00E+00	1.41E-07	1
395	395	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
395	395	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
395	395	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
395	395	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
395	395	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
396	396	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
396	396	0	9901	DPM	1	1.81E-01	0.00E+00	1
396	396	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
396	396	0	71432	Benzene	1	9.07E-01	6.16E-05	1
396	396	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
396	396	0	91203	PAHs[Napth]	1	3.69E-03	1.35E-06	1
396	396	0	100414	Ethylbenzene	1	1.81E-01	1.23E-05	1
396	396	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
396	396	0	107028	Acrolein	1	0.00E+00	2.32E-06	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
396	396	0	108883	Toluene	1	8.12E-01	5.52E-05	1
396	396	0	110543	Hexane	1	0.00E+00	1.84E-06	1
396	396	0	1330207	Xylenes	1	5.62E-01	3.81E-05	1
396	396	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
396	396	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
396	396	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
396	396	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
396	396	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
396	396	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
396	396	0	7440508	Copper	1	0.00E+00	2.81E-07	1
396	396	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
396	396	0	7664417	Ammonia	1	1.54E-03	1.33E-03	1
396	396	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
396	396	0	7783064	Hydrogensulfide	1	3.39E-03	2.33E-07	1
396	396	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
397	397	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
397	397	0	9901	DPM	1	9.26E-02	0.00E+00	1
397	397	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
397	397	0	71432	Benzene	1	4.53E-01	3.08E-05	1
397	397	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
397	397	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
397	397	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
397	397	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
397	397	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
397	397	0	108883	Toluene	1	4.06E-01	2.76E-05	1
397	397	0	110543	Hexane	1	0.00E+00	9.22E-07	1
397	397	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
397	397	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
397	397	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
397	397	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
397	397	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
397	397	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
397	397	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
397	397	0	7440508	Copper	1	0.00E+00	1.41E-07	1
397	397	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
397	397	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
397	397	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
397	397	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
397	397	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
398	398	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
398	398	0	9901	DPM	1	8.48E-01	0.00E+00	1
398	398	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
398	398	0	71432	Benzene	1	1.33E+00	9.24E-05	1
398	398	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
398	398	0	91203	PAHs[Napth]	1	5.44E-03	2.03E-06	1
398	398	0	100414	Ethylbenzene	1	2.65E-01	1.84E-05	1
398	398	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
398	398	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
398	398	0	108883	Toluene	1	1.19E+00	8.28E-05	1
398	398	0	110543	Hexane	1	0.00E+00	2.77E-06	1
398	398	0	1330207	Xylenes	1	8.23E-01	5.72E-05	1
398	398	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
398	398	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
398	398	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
398	398	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
398	398	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
398	398	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
398	398	0	7440508	Copper	1	0.00E+00	4.22E-07	1
398	398	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
398	398	0	7664417	Ammonia	1	2.27E-03	1.99E-03	1
398	398	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
398	398	0	7783064	Hydrogensulfide	1	4.99E-03	3.50E-07	1
398	398	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
399	399	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
399	399	0	9901	DPM	1	6.71E-01	0.00E+00	1
399	399	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
399	399	0	71432	Benzene	1	4.53E-01	3.08E-05	1
399	399	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
399	399	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
399	399	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
399	399	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
399	399	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
399	399	0	108883	Toluene	1	4.06E-01	2.76E-05	1
399	399	0	110543	Hexane	1	0.00E+00	9.22E-07	1
399	399	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
399	399	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
399	399	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
399	399	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
399	399	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
399	399	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
399	399	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
399	399	0	7440508	Copper	1	0.00E+00	1.41E-07	1
399	399	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
399	399	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
399	399	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
399	399	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
399	399	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
400	400	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
400	400	0	9901	DPM	1	6.71E-01	0.00E+00	1
400	400	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
400	400	0	71432	Benzene	1	3.71E-01	3.08E-05	1
400	400	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
400	400	0	91203	PAHs[Napth]	1	1.53E-03	6.75E-07	1
400	400	0	100414	Ethylbenzene	1	7.40E-02	6.14E-06	1
400	400	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
400	400	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
400	400	0	108883	Toluene	1	3.32E-01	2.76E-05	1
400	400	0	110543	Hexane	1	0.00E+00	9.22E-07	1
400	400	0	1330207	Xylenes	1	2.30E-01	1.91E-05	1
400	400	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
400	400	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
400	400	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
400	400	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
400	400	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
400	400	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
400	400	0	7440508	Copper	1	0.00E+00	1.41E-07	1
400	400	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
400	400	0	7664417	Ammonia	1	6.38E-04	6.63E-04	1
400	400	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
400	400	0	7783064	Hydrogensulfide	1	1.40E-03	1.17E-07	1
400	400	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
401	401	0	1151	PAHs[Napth]	1	0.00E+00	3.83E-06	1
401	401	0	9901	DPM	1	7.59E-01	0.00E+00	1
401	401	0	50000	Formaldehyde	1	0.00E+00	1.18E-04	1
401	401	0	71432	Benzene	1	7.42E-01	6.16E-05	1
401	401	0	75070	Acetaldehyde	1	0.00E+00	5.37E-05	1
401	401	0	91203	PAHs[Napth]	1	3.06E-03	1.35E-06	1
401	401	0	100414	Ethylbenzene	1	1.48E-01	1.23E-05	1
401	401	0	106990	Butadiene[13]	1	0.00E+00	1.49E-05	1
401	401	0	107028	Acrolein	1	0.00E+00	2.32E-06	1
401	401	0	108883	Toluene	1	6.64E-01	5.52E-05	1
401	401	0	110543	Hexane	1	0.00E+00	1.84E-06	1
401	401	0	1330207	Xylenes	1	4.59E-01	3.81E-05	1
401	401	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	5.69E-07	1
401	401	0	7439965	Manganese	1	0.00E+00	2.12E-07	1
401	401	0	7439976	Mercury	1	0.00E+00	1.37E-07	1
401	401	0	7440020	Nickel	1	0.00E+00	2.67E-07	1
401	401	0	7440382	Arsenic	1	0.00E+00	1.10E-07	1
401	401	0	7440439	Cadmium	1	0.00E+00	1.03E-07	1
401	401	0	7440508	Copper	1	0.00E+00	2.81E-07	1
401	401	0	7647010	Hydrochloricacid	1	0.00E+00	1.28E-05	1
401	401	0	7664417	Ammonia	1	1.28E-03	1.33E-03	1
401	401	0	7782492	Selenium	1	0.00E+00	1.51E-07	1
401	401	0	7783064	Hydrogensulfide	1	2.81E-03	2.33E-07	1
401	401	0	18540299	Chromiumhexavalent6	1	0.00E+00	6.85E-09	1
402	402	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
402	402	0	9901	DPM	1	5.82E-01	0.00E+00	1
402	402	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
402	402	0	71432	Benzene	1	5.18E-02	5.92E-06	1
402	402	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1
402	402	0	91203	PAHs[Napth]	1	2.15E-04	1.59E-07	1
402	402	0	100414	Ethylbenzene	1	1.04E-02	1.18E-06	1
402	402	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
402	402	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
402	402	0	108883	Toluene	1	4.65E-02	5.31E-06	1
402	402	0	110543	Hexane	1	0.00E+00	2.18E-07	1
402	402	0	1330207	Xylenes	1	3.22E-02	3.67E-06	1
402	402	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
402	402	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
402	402	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
402	402	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
402	402	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
402	402	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
402	402	0	7440508	Copper	1	0.00E+00	3.32E-08	1
402	402	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
402	402	0	7664417	Ammonia	1	8.94E-05	2.35E-04	1

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SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
402	402	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
402	402	0	7783064	Hydrogensulfide	1	1.97E-04	2.24E-08	1
402	402	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1
403	403	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
403	403	0	9901	DPM	1	8.48E-01	0.00E+00	1
403	403	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
403	403	0	71432	Benzene	1	1.28E+00	9.24E-05	1
403	403	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
403	403	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
403	403	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
403	403	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
403	403	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
403	403	0	108883	Toluene	1	1.14E+00	8.28E-05	1
403	403	0	110543	Hexane	1	0.00E+00	2.77E-06	1
403	403	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
403	403	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
403	403	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
403	403	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
403	403	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
403	403	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
403	403	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
403	403	0	7440508	Copper	1	0.00E+00	4.22E-07	1
403	403	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
403	403	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
403	403	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
403	403	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
403	403	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
404	404	0	1151	PAHs[Napth]	1	0.00E+00	5.75E-06	1
404	404	0	9901	DPM	1	8.48E-01	0.00E+00	1
404	404	0	50000	Formaldehyde	1	0.00E+00	1.77E-04	1
404	404	0	71432	Benzene	1	1.28E+00	9.24E-05	1
404	404	0	75070	Acetaldehyde	1	0.00E+00	8.05E-05	1
404	404	0	91203	PAHs[Napth]	1	5.22E-03	2.03E-06	1
404	404	0	100414	Ethylbenzene	1	2.55E-01	1.84E-05	1
404	404	0	106990	Butadiene[13]	1	0.00E+00	2.24E-05	1
404	404	0	107028	Acrolein	1	0.00E+00	3.49E-06	1
404	404	0	108883	Toluene	1	1.14E+00	8.28E-05	1
404	404	0	110543	Hexane	1	0.00E+00	2.77E-06	1
404	404	0	1330207	Xylenes	1	7.91E-01	5.72E-05	1
404	404	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	8.53E-07	1
404	404	0	7439965	Manganese	1	0.00E+00	3.19E-07	1
404	404	0	7439976	Mercury	1	0.00E+00	2.06E-07	1
404	404	0	7440020	Nickel	1	0.00E+00	4.01E-07	1
404	404	0	7440382	Arsenic	1	0.00E+00	1.64E-07	1
404	404	0	7440439	Cadmium	1	0.00E+00	1.54E-07	1
404	404	0	7440508	Copper	1	0.00E+00	4.22E-07	1
404	404	0	7647010	Hydrochloricacid	1	0.00E+00	1.92E-05	1
404	404	0	7664417	Ammonia	1	2.18E-03	1.99E-03	1
404	404	0	7782492	Selenium	1	0.00E+00	2.26E-07	1
404	404	0	7783064	Hydrogensulfide	1	4.79E-03	3.50E-07	1
404	404	0	18540299	Chromiumhexavalent6	1	0.00E+00	1.03E-08	1
405	405	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
405	405	0	9901	DPM	1	6.71E-01	0.00E+00	1
405	405	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
405	405	0	71432	Benzene	1	4.53E-01	3.08E-05	1
405	405	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
405	405	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
405	405	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
405	405	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
405	405	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
405	405	0	108883	Toluene	1	4.06E-01	2.76E-05	1
405	405	0	110543	Hexane	1	0.00E+00	9.22E-07	1
405	405	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
405	405	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
405	405	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
405	405	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
405	405	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
405	405	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
405	405	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
405	405	0	7440508	Copper	1	0.00E+00	1.41E-07	1
405	405	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
405	405	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
405	405	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
405	405	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
405	405	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
406	406	0	1151	PAHs[Napth]	1	0.00E+00	1.92E-06	1
406	406	0	9901	DPM	1	6.71E-01	0.00E+00	1
406	406	0	50000	Formaldehyde	1	0.00E+00	5.92E-05	1
406	406	0	71432	Benzene	1	4.53E-01	3.08E-05	1
406	406	0	75070	Acetaldehyde	1	0.00E+00	2.68E-05	1
406	406	0	91203	PAHs[Napth]	1	1.85E-03	6.75E-07	1
406	406	0	100414	Ethylbenzene	1	9.05E-02	6.14E-06	1
406	406	0	106990	Butadiene[13]	1	0.00E+00	7.45E-06	1
406	406	0	107028	Acrolein	1	0.00E+00	1.16E-06	1
406	406	0	108883	Toluene	1	4.06E-01	2.76E-05	1
406	406	0	110543	Hexane	1	0.00E+00	9.22E-07	1
406	406	0	1330207	Xylenes	1	2.81E-01	1.91E-05	1
406	406	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	2.84E-07	1
406	406	0	7439965	Manganese	1	0.00E+00	1.06E-07	1
406	406	0	7439976	Mercury	1	0.00E+00	6.85E-08	1
406	406	0	7440020	Nickel	1	0.00E+00	1.34E-07	1
406	406	0	7440382	Arsenic	1	0.00E+00	5.48E-08	1
406	406	0	7440439	Cadmium	1	0.00E+00	5.14E-08	1
406	406	0	7440508	Copper	1	0.00E+00	1.41E-07	1
406	406	0	7647010	Hydrochloricacid	1	0.00E+00	6.38E-06	1
406	406	0	7664417	Ammonia	1	7.72E-04	6.63E-04	1
406	406	0	7782492	Selenium	1	0.00E+00	7.54E-08	1
406	406	0	7783064	Hydrogensulfide	1	1.69E-03	1.17E-07	1
406	406	0	18540299	Chromiumhexavalent6	1	0.00E+00	3.43E-09	1
407	407	0	1151	PAHs[Napth]	1	0.00E+00	4.52E-07	1
407	407	0	9901	DPM	1	5.82E-01	0.00E+00	1
407	407	0	50000	Formaldehyde	1	0.00E+00	1.40E-05	1
407	407	0	71432	Benzene	1	1.04E-01	1.18E-05	1
407	407	0	75070	Acetaldehyde	1	0.00E+00	6.34E-06	1

HARP Source Emission Inputs - IOF HRA: Scenario Future

SrcID	StckID	ProID	CAS	Name	Mult	Annual lb/yr	Peak lb/hr	MWAF
407	407	0	91203	PAHs[Napth]	1	4.29E-04	1.59E-07	1
407	407	0	100414	Ethylbenzene	1	2.07E-02	2.37E-06	1
407	407	0	106990	Butadiene[13]	1	0.00E+00	1.76E-06	1
407	407	0	107028	Acrolein	1	0.00E+00	2.74E-07	1
407	407	0	108883	Toluene	1	9.30E-02	1.06E-05	1
407	407	0	110543	Hexane	1	0.00E+00	2.18E-07	1
407	407	0	1330207	Xylenes	1	6.44E-02	7.35E-06	1
407	407	0	7439921	Leadcompounds(inorganic)	1	0.00E+00	6.72E-08	1
407	407	0	7439965	Manganese	1	0.00E+00	2.51E-08	1
407	407	0	7439976	Mercury	1	0.00E+00	1.62E-08	1
407	407	0	7440020	Nickel	1	0.00E+00	3.16E-08	1
407	407	0	7440382	Arsenic	1	0.00E+00	1.29E-08	1
407	407	0	7440439	Cadmium	1	0.00E+00	1.21E-08	1
407	407	0	7440508	Copper	1	0.00E+00	3.32E-08	1
407	407	0	7647010	Hydrochloricacid	1	0.00E+00	1.51E-06	1
407	407	0	7664417	Ammonia	1	1.79E-04	2.35E-04	1
407	407	0	7782492	Selenium	1	0.00E+00	1.78E-08	1
407	407	0	7783064	Hydrogensulfide	1	3.93E-04	4.49E-08	1
407	407	0	18540299	Chromiumhexavalent6	1	0.00E+00	8.09E-10	1

Well Grids
IOF HRA: Scenario Future
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AA18	1	373444	3763702	373413	3763670	43544	4	0	3	1	0	6.51E-01	1.30E-01	5.84E-01	4.04E-01	2.62E-03	1.10E-03	2.40E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AA20	2	373421	3763584	373389	3763553	43544	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AA23	3	373418	3763394	373387	3763362	43545	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AA25	4	373417	3763267	373385	3763235	43546	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AA26	5	373416	3763204	373384	3763172	43546	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AA27	6	373415	3763140	373383	3763108	43546	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AA31	7	373412	3762886	373380	3762855	43548	4	1	4	1	1	7.03E-01	1.41E-01	6.30E-01	4.36E-01	2.83E-03	1.19E-03	2.60E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AB17	8	373456	3763796	373446	3763786	4364	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AB21	9	373484	3763520	373452	3763488	43545	1	2	3	0	1	2.87E-01	5.74E-02	2.57E-01	1.78E-01	1.16E-03	4.86E-04	1.07E-03	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AB22	10	373483	3763457	373451	3763425	43545	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AB23	11	373482	3763393	373450	3763361	43545	4	1	3	2	1	6.20E-01	1.24E-01	5.56E-01	3.85E-01	2.51E-03	1.05E-03	2.31E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AB24	12	373481	3763330	373449	3763298	43622	3	1	3	1	1	5.20E-01	1.04E-01	4.66E-01	3.22E-01	2.10E-03	8.79E-04	1.93E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AB25	13	373480	3763266	373449	3763234	43546	4	0	3	1	1	6.51E-01	1.30E-01	5.84E-01	4.04E-01	2.62E-03	1.10E-03	2.40E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AB26	14	373480	3763203	373448	3763171	43546	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AB27	15	373479	3763139	373447	3763108	43546	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AB29	16	373477	3763012	373445	3762981	43547	5	0	4	1	1	8.34E-01	1.67E-01	7.48E-01	5.18E-01	3.35E-03	1.40E-03	3.08E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AC20	17	373548	3763583	373517	3763551	43544	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC22	18	373547	3763456	373515	3763424	43545	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC27	19	373542	3763138	373511	3763107	43546	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC30	20	373540	3762948	373508	3762916	43547	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AC32	21	373536	3762879	373504	3762847	43548	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AD20	22	373612	3763582	373580	3763550	43544	2	1	1	2	0	2.54E-01	5.07E-02	2.27E-01	1.57E-01	1.05E-03	4.37E-04	9.62E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AD21	23	373611	3763518	373579	3763487	43545	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AD23	24	373610	3763391	373578	3763360	43545	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AD25	25	373608	3763264	373576	3763233	43546	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AD29	26	373604	3763011	373573	3762979	43547	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AD31	27	373603	3762884	373571	3762852	43548	5	2	5	2	1	8.56E-01	1.71E-01	7.67E-01	5.31E-01	3.46E-03	1.45E-03	3.18E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AD32	28	373602	3762820	373570	3762789	43548	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE21	29	373675	3763517	373643	3763486	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE23	30	373673	3763391	373641	3763359	43545	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AE24	31	373672	3763327	373641	3763295	43622	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE25	32	373672	3763264	373640	3763232	43546	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE28	33	373669	3763073	373637	3763042	43547	3	1	3	1	1	5.20E-01	1.04E-01	4.66E-01	3.22E-01	2.10E-03	8.79E-04	1.93E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AE29	34	373668	3763010	373636	3762978	43547	2	1	1	2	1	2.54E-01	5.07E-02	2.27E-01	1.57E-01	1.05E-03	4.37E-04	9.62E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE30	35	373667	3762947	373636	3762915	43547	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE31	36	373667	3762883	373635	3762851	43548	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AE32	37	373666	3762820	373634	3762788	43548	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AE33	38	373665	3762756	373633	3762724	43624	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE34	39	373664	3762693	373632	3762661	43548	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE35	40	373663	3762629	373631	3762597	43549	7	0	4	3	1	1.04E+00	2.07E-01	9.29E-01	6.43E-01	4.18E-03	1.75E-03	3.84E-03	1.89E+00	3.77E-01	1.69E+00	1.17E+00	7.79E-03	3.25E-03	7.14E-03
AE37	41	373661	3762502	373630	3762471	43549	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AE45	42	373632	3762017	373600	3761985	43552	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AF34	43	373728	3762692	373696	3762660	43548	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AF35	44	373727	3762628	373695	3762597	43549	2	1	1	2	1	2.54E-01	5.07E-02	2.27E-01	1.57E-01	1.05E-03	4.37E-04	9.62E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AF36	45	373726	3762565	373694	3762533	43549	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AF42	46	373721	3762184	373689	3762153	43627	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	373803	3763579	373771	3763547	43544	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG21	48	373802	3763516	373771	3763484	43545	2	0	2	0	0	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AG22	49	373802	3763452	373770	3763421	43545	4	1	3	2	1	6.20E-01	1.24E-01	5.56E-01	3.85E-01	2.51E-03	1.05E-03	2.31E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AG27	50	373797	3763135	373766	3763103	43546	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG28	51	373797	3763072	373765	3763040	43547	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AG31	52	373794	3762881	373762	3762850	43548	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AG35	53	373791	3762628	373759	3762596	43549	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG37	54	373789	3762501	373757	3762469	43549	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AG41	55	373786	3762247	373754	3762215	43551	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	373765	3762120	373733	3762088	43551	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03

Well Grids
IOF HRA: Scenario Future
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AH20	57	373867	3763578	373835	3763547	43607	3	0	1	2	0	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AH22	58	373865	3763451	373833	3763420	43608	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH24	59	373864	3763325	373832	3763293	43685	4	0	2	2	1	5.69E-01	1.14E-01	5.10E-01	3.53E-01	2.30E-03	9.63E-04	2.11E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AH25	60	373863	3763261	373831	3763229	43609	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH27	61	373861	3763134	373829	3763102	43610	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH28	62	373860	3763071	373828	3763039	43610	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH29	63	373859	3763007	373828	3762976	43610	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH32	64	373857	3762817	373825	3762785	43611	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AH33	65	373856	3762754	373824	3762722	43688	5	0	3	2	1	7.52E-01	1.50E-01	6.74E-01	4.67E-01	3.03E-03	1.27E-03	2.79E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AH35	66	373854	3762627	373822	3762595	43612	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	373853	3762563	373822	3762531	43612	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AH37	68	373853	3762500	373821	3762468	43612	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AH39	69	373851	3762373	373819	3762341	43613	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AI22	70	373929	3763451	373897	3763419	43545	3	1	2	2	1	4.37E-01	8.74E-02	3.92E-01	2.71E-01	1.78E-03	7.45E-04	1.64E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AI24	71	373927	3763324	373896	3763292	43622	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI25	72	373927	3763260	373895	3763228	43546	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AI26	73	373926	3763197	373894	3763165	43546	2	1	3	0	1	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AI27	74	373925	3763133	373893	3763102	43546	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI28	75	373924	3763070	373892	3763038	43547	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI31	76	373922	3762880	373890	3762848	43548	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI33	77	373920	3762753	373888	3762721	43624	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI35	78	373918	3762626	373886	3762594	43549	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AI37	79	373916	3762499	373885	3762467	43549	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	373993	3763450	373961	3763418	43545	3	0	2	1	0	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AJ25	81	373990	3763259	373959	3763228	43546	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	373989	3763196	373958	3763164	43546	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ27	83	373989	3763133	373957	3763101	43546	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ28	84	373988	3763069	373956	3763037	43547	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ29	85	373987	3763006	373955	3762974	43547	2	0	0	2	1	2.02E-01	4.04E-02	1.81E-01	1.25E-01	8.35E-04	3.48E-04	7.65E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AJ30	86	373986	3762942	373954	3762910	43547	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	373985	3762879	373953	3762847	43548	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AJ33	88	373984	3762752	373952	3762720	43624	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ36	89	373981	3762562	373949	3762530	43549	5	1	4	2	1	8.04E-01	1.61E-01	7.21E-01	4.99E-01	3.25E-03	1.36E-03	2.98E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AJ37	90	373980	3762498	373948	3762466	43549	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AJ38	91	373979	3762435	373948	3762403	43550	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AJ40	92	373978	3762308	373946	3762276	43550	2	0	2	0	0	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AK20	93	374058	3763576	374026	3763544	43544	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	374056	3763386	374024	3763354	43545	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK26	95	374053	3763195	374021	3763163	43546	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK27	96	374052	3763132	374021	3763100	43546	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK29	97	374051	3763005	374019	3762973	43547	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AK31	98	374049	3762878	374017	3762846	43548	3	1	4	0	1	6.02E-01	1.20E-01	5.40E-01	3.74E-01	2.41E-03	1.01E-03	2.22E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AK34	99	374046	3762688	374015	3762656	43548	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AK39	100	374042	3762370	374010	3762339	43550	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AK40	101	374041	3762307	374010	3762275	43550	2	0	1	1	0	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AL30	102	374114	3762941	374082	3762909	43547	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AL32	103	374112	3762814	374080	3762782	43548	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AL36	104	374108	3762560	374077	3762528	43549	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AL37	105	374108	3762496	374076	3762465	43549	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AL38	106	374107	3762433	374075	3762401	43550	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AL39	107	374106	3762370	374074	3762338	43550	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AL40	108	374105	3762306	374073	3762274	43550	2	0	2	0	0	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM28	109	374179	3763067	374147	3763035	43547	2	3	4	1	0	4.40E-01	8.80E-02	3.94E-01	2.73E-01	1.79E-03	7.50E-04	1.65E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM30	110	374177	3762940	374145	3762908	43547	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM31	111	374176	3762876	374145	3762844	43548	2	0	0	2	1	2.02E-01	4.04E-02	1.81E-01	1.25E-01	8.35E-04	3.48E-04	7.65E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM32	112	374176	3762813	374144	3762781	43548	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03

Well Grids
IOF HRA: Scenario Future
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AM33	113	374175	3762749	374143	3762717	43624	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM34	114	374174	3762686	374142	3762654	43548	2	3	4	1	1	4.40E-01	8.80E-02	3.94E-01	2.73E-01	1.79E-03	7.50E-04	1.65E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM35	115	374173	3762622	374141	3762591	43549	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AM37	116	374171	3762496	374140	3762464	43549	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AM38	117	374171	3762432	374139	3762400	43550	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM39	118	374170	3762369	374138	3762337	43550	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AM40	119	374172	3762300	374140	3762268	43550	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN29	120	374242	3763002	374210	3762970	43547	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN32	121	374239	3762812	374207	3762780	43548	3	1	3	1	1	5.20E-01	1.04E-01	4.66E-01	3.22E-01	2.10E-03	8.79E-04	1.93E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AN33	122	374238	3762748	374207	3762717	43624	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN34	123	374238	3762685	374206	3762653	43548	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN36	124	374236	3762558	374204	3762526	43549	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AN37	125	374235	3762495	374203	3762463	43549	3	1	3	1	1	5.20E-01	1.04E-01	4.66E-01	3.22E-01	2.10E-03	8.79E-04	1.93E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AN38	126	374234	3762431	374202	3762400	43550	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AN39	127	374233	3762368	374202	3762336	43550	4	0	3	1	1	6.51E-01	1.30E-01	5.84E-01	4.04E-01	2.62E-03	1.10E-03	2.40E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AN44	128	374229	3762051	374197	3762019	43551	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO28	129	374295	3763055	374285	3763045	4365	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO30	130	374305	3762938	374273	3762906	43547	2	0	0	2	0	2.02E-01	4.04E-02	1.81E-01	1.25E-01	8.35E-04	3.48E-04	7.65E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AO32	131	374303	3762811	374271	3762779	43548	1	1	2	0	0	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO33	132	374302	3762748	374270	3762716	43624	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	374301	3762621	374269	3762589	43549	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AO37	134	374299	3762494	374267	3762462	43549	3	1	3	1	1	5.20E-01	1.04E-01	4.66E-01	3.22E-01	2.10E-03	8.79E-04	1.93E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AO38	135	374298	3762430	374266	3762399	43550	4	0	2	2	1	5.69E-01	1.14E-01	5.10E-01	3.53E-01	2.30E-03	9.63E-04	2.11E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AO39	136	374297	3762367	374265	3762335	43550	2	3	5	0	1	5.22E-01	1.04E-01	4.68E-01	3.24E-01	2.11E-03	8.84E-04	1.94E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AO40	137	374296	3762304	374264	3762272	43550	10	3	11	2	1	1.82E+00	3.65E-01	1.64E+00	1.13E+00	7.34E-03	3.08E-03	6.75E-03	2.70E+00	5.38E-01	2.42E+00	1.67E+00	1.11E-02	4.64E-03	1.02E-02
AO41	138	374295	3762240	374264	3762208	43551	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO42	139	374295	3762177	374263	3762145	43627	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AO44	140	374318	3762049	374286	3762018	43551	3	1	4	0	1	6.02E-01	1.20E-01	5.40E-01	3.74E-01	2.41E-03	1.01E-03	2.22E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AP32	141	374367	3762810	374335	3762779	43548	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP33	142	374366	3762747	374334	3762715	43624	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP36	143	374363	3762556	374332	3762525	43549	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP37	144	374363	3762493	374331	3762461	43549	3	1	4	0	0	6.02E-01	1.20E-01	5.40E-01	3.74E-01	2.41E-03	1.01E-03	2.22E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AP38	145	374362	3762430	374330	3762398	43550	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP39	146	374361	3762366	374329	3762334	43550	4	4	7	1	1	8.58E-01	1.72E-01	7.70E-01	5.33E-01	3.47E-03	1.45E-03	3.19E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AP40	147	374360	3762303	374328	3762271	43550	14	2	8	8	1	2.01E+00	4.02E-01	1.80E+00	1.25E+00	8.16E-03	3.42E-03	7.50E-03	3.78E+00	7.53E-01	3.38E+00	2.34E+00	1.56E-02	6.50E-03	1.43E-02
AP41	148	374359	3762239	374327	3762208	43551	4	0	2	2	1	5.69E-01	1.14E-01	5.10E-01	3.53E-01	2.30E-03	9.63E-04	2.11E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AP42	149	374358	3762176	374327	3762144	43627	5	0	5	0	1	9.17E-01	1.83E-01	8.22E-01	5.69E-01	3.66E-03	1.54E-03	3.37E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
AP43	150	374318	3762113	374286	3762081	43551	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AP47	151	374354	3761859	374322	3761827	43552	2	1	3	0	0	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AQ31	152	374420	3762854	374410	3762844	4341	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ33	153	374430	3762746	374398	3762714	43688	1	3	4	0	0	3.39E-01	6.78E-02	3.04E-01	2.10E-01	1.38E-03	5.76E-04	1.26E-03	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ34	154	374429	3762682	374397	3762651	43612	6	1	3	4	0	8.22E-01	1.64E-01	7.37E-01	5.10E-01	3.35E-03	1.40E-03	3.08E-03	1.62E+00	3.23E-01	1.45E+00	1.00E+00	6.68E-03	2.78E-03	6.12E-03
AQ36	155	374427	3762556	374395	3762524	43612	1	1	2	0	0	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ38	156	374425	3762429	374394	3762397	43613	2	1	2	1	0	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AQ39	157	374425	3762365	374393	3762334	43613	1	2	3	0	0	2.87E-01	5.74E-02	2.57E-01	1.78E-01	1.16E-03	4.86E-04	1.07E-03	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ40	158	374424	3762302	374392	3762270	43613	2	0	1	1	0	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
AQ41	159	374423	3762238	374391	3762207	43614	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AQ43	160	374393	3762112	374361	3762080	43614	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AQ44	161	374381	3762049	374349	3762017	43615	4	0	2	2	1	5.69E-01	1.14E-01	5.10E-01	3.53E-01	2.30E-03	9.63E-04	2.11E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
AQ45	162	374387	3761985	374355	3761953	43615	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
AR38	163	374468	3762450	374458	3762440	4365	3	0	1	2	0	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
AR42	164	374437	3762175	374405	3762143	43690	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
B5	165	371863	3764537	371852	3764527	4364	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
B9	166	371806	3764328	371796	3764318	4364	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	371961	3764048	371929	3764016	43542	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	371960	3763985	371928	3763953	43619	0	2	2	0	0	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario Future
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
D7	169	371985	3764421	371975	3764411	4344	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	371960	3764329	371950	3764319	4364	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
E10	171	372027	3764238	371996	3764206	43605	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
E12	172	372026	3764111	371994	3764079	43605	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	372025	3764362	372015	3764352	4364	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
E9	174	372028	3764301	371996	3764269	43604	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
F15	175	372076	3763957	372044	3763925	43543	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	372086	3763856	372054	3763824	43543	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	372097	3764561	372087	3764551	4364	1	1	2	0	0	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
F6	178	372095	3764490	372063	3764459	43540	3	1	4	0	0	6.02E-01	1.20E-01	5.40E-01	3.74E-01	2.41E-03	1.01E-03	2.22E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
F9	179	372092	3764302	372060	3764271	43541	1	2	3	0	0	2.87E-01	5.74E-02	2.57E-01	1.78E-01	1.16E-03	4.86E-04	1.07E-03	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
G10	180	372155	3764236	372123	3764204	43541	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	372154	3764172	372122	3764141	43542	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	372153	3764109	372121	3764077	43542	0	3	3	0	1	1.56E-01	3.11E-02	1.39E-01	9.65E-02	6.44E-04	2.68E-04	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	372152	3764046	372120	3764014	43542	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
G6	184	372158	3764490	372126	3764458	43540	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H10	185	372219	3764235	372187	3764203	43541	4	0	4	0	1	7.34E-01	1.47E-01	6.58E-01	4.55E-01	2.93E-03	1.23E-03	2.70E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
H11	186	372218	3764172	372186	3764140	43542	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H13	187	372216	3764045	372184	3764013	43542	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
H15	188	372214	3763918	372182	3763886	43543	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H16	189	372213	3763854	372182	3763822	43543	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
H5	190	372223	3764552	372191	3764520	43616	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	372221	3764425	372189	3764393	43541	3	0	2	1	0	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
H8	192	372220	3764362	372188	3764330	43541	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
H9	193	372219	3764298	372188	3764267	43541	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I11	194	372281	3764171	372250	3764139	43542	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
I13	195	372280	3764044	372248	3764012	43542	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I14	196	372279	3763980	372247	3763949	43619	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I15	197	372278	3763917	372246	3763885	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I16	198	372277	3763853	372245	3763822	43543	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	372276	3763790	372244	3763758	43544	2	1	3	0	1	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
I6	200	372290	3764450	372258	3764418	43540	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
I8	201	372284	3764361	372252	3764329	43541	2	1	3	0	1	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
J10	202	372346	3764233	372314	3764201	43541	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J11	203	372345	3764170	372313	3764138	43542	3	1	2	2	1	4.37E-01	8.74E-02	3.92E-01	2.71E-01	1.78E-03	7.45E-04	1.64E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
J12	204	372344	3764106	372313	3764075	43542	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J14	205	372343	3763980	372311	3763948	43619	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J17	206	372340	3763789	372308	3763757	43544	2	0	0	2	1	2.02E-01	4.04E-02	1.81E-01	1.25E-01	8.35E-04	3.48E-04	7.65E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
J18	207	372339	3763726	372307	3763694	43544	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	372364	3764659	372354	3764649	4364	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J5	209	372350	3764550	372318	3764519	43616	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J8	210	372348	3764360	372316	3764328	43541	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
J9	211	372347	3764297	372315	3764265	43541	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
K10	212	372410	3764232	372378	3764201	43541	2	2	3	1	1	3.88E-01	7.76E-02	3.48E-01	2.41E-01	1.58E-03	6.60E-04	1.45E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
K11	213	372409	3764169	372377	3764137	43542	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
K12	214	372408	3764106	372376	3764074	43542	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	372406	3763979	372375	3763947	43619	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K15	216	372405	3763915	372374	3763883	43543	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K16	217	372405	3763852	372373	3763820	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K6	218	372413	3764486	372381	3764454	43540	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
K9	219	372411	3764296	372379	3764264	43541	1	2	3	0	1	2.87E-01	5.74E-02	2.57E-01	1.78E-01	1.16E-03	4.86E-04	1.07E-03	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L11	220	372473	3764168	372441	3764136	43542	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	372472	3764105	372440	3764073	43542	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L13	222	372471	3764041	372439	3764009	43542	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L15	223	372469	3763914	372437	3763882	43543	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L16	224	372468	3763851	372437	3763819	43543	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario Future
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
L18	225	372467	3763724	372435	3763692	43544	2	0	0	2	1	2.02E-01	4.04E-02	1.81E-01	1.25E-01	8.35E-04	3.48E-04	7.65E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
L19	226	372466	3763661	372434	3763629	43544	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L20	227	372465	3763597	372433	3763565	43544	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
L21	228	372464	3763534	372432	3763502	43545	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
L7	229	372476	3764422	372444	3764390	43541	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	372474	3764295	372443	3764263	43541	0	2	2	0	1	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	372537	3764231	372505	3764199	43541	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M11	232	372536	3764167	372505	3764135	43542	6	0	5	1	1	1.02E+00	2.04E-01	9.12E-01	6.32E-01	4.08E-03	1.71E-03	3.75E-03	1.62E+00	3.23E-01	1.45E+00	1.00E+00	6.68E-03	2.78E-03	6.12E-03
M13	233	372535	3764040	372503	3764009	43542	4	1	3	2	1	6.20E-01	1.24E-01	5.56E-01	3.85E-01	2.51E-03	1.05E-03	2.31E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
M15	234	372533	3763913	372501	3763882	43543	2	1	3	0	1	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
M6	235	372541	3764484	372509	3764453	43540	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M7	236	372540	3764421	372508	3764389	43541	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M8	237	372539	3764358	372507	3764326	43541	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
M9	238	372538	3764294	372506	3764262	43541	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N10	239	372601	3764230	372569	3764198	43541	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N11	240	372600	3764166	372568	3764135	43542	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N12	241	372599	3764103	372567	3764071	43542	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N13	242	372598	3764040	372567	3764008	43542	5	2	6	1	1	9.38E-01	1.88E-01	8.41E-01	5.82E-01	3.78E-03	1.58E-03	3.47E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
N14	243	372597	3763976	372566	3763944	43619	0	3	3	0	1	1.56E-01	3.11E-02	1.39E-01	9.65E-02	6.44E-04	2.68E-04	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	372597	3763913	372565	3763881	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N17	245	372595	3763786	372563	3763754	43544	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N18	246	372594	3763722	372562	3763690	43544	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
N22	247	372601	3763451	372569	3763420	43545	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N8	248	372603	3764357	372571	3764325	43541	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
N9	249	372602	3764293	372570	3764261	43541	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O12	250	372663	3764102	372631	3764070	43605	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O14	251	372661	3763975	372629	3763943	43682	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	372659	3763848	372628	3763816	43606	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O17	253	372659	3763785	372627	3763753	43607	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
O18	254	372658	3763721	372626	3763690	43607	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	372657	3763658	372625	3763626	43607	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
O20	256	372656	3763595	372624	3763563	43607	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O21	257	372655	3763531	372623	3763499	43608	3	1	3	1	1	5.20E-01	1.04E-01	4.66E-01	3.22E-01	2.10E-03	8.79E-04	1.93E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
O24	258	372653	3763341	372621	3763309	43685	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	372668	3764483	372636	3764451	43603	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O7	260	372667	3764419	372635	3764387	43604	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
O8	261	372666	3764356	372635	3764324	43604	0	2	2	0	1	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	372728	3764228	372697	3764196	43541	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P11	263	372728	3764165	372696	3764133	43542	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
P12	264	372727	3764101	372695	3764069	43542	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P14	265	372725	3763974	372693	3763943	43619	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
P15	266	372724	3763911	372692	3763879	43543	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
P16	267	372723	3763847	372691	3763816	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P17	268	372722	3763784	372691	3763752	43544	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P21	269	372719	3763530	372687	3763498	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P22	270	372718	3763467	372686	3763435	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P23	271	372717	3763403	372686	3763372	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
P7	272	372731	3764418	372699	3764387	43541	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	372729	3764292	372697	3764260	43541	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q11	274	372791	3764164	372759	3764132	43542	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q12	275	372790	3764100	372759	3764069	43542	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Q13	276	372790	3764037	372758	3764005	43542	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Q14	277	372789	3763974	372757	3763942	43619	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q15	278	372788	3763910	372756	3763878	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q16	279	372787	3763847	372755	3763815	43543	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Q17	280	372786	3763783	372754	3763751	43544	3	1	4	0	1	6.02E-01	1.20E-01	5.40E-01	3.74E-01	2.41E-03	1.01E-03	2.22E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03

Well Grids
IOF HRA: Scenario Future
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Q18	281	372785	3763720	372754	3763688	43544	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q19	282	372784	3763656	372753	3763624	43544	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Q21	283	372783	3763529	372751	3763498	43545	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Q22	284	372782	3763466	372750	3763434	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q23	285	372781	3763403	372749	3763371	43545	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	372780	3763339	372748	3763307	43622	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q25	287	372779	3763276	372748	3763244	43546	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Q8	288	372794	3764354	372762	3764322	43541	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R10	289	372856	3764226	372824	3764195	43541	4	1	3	2	1	6.20E-01	1.24E-01	5.56E-01	3.85E-01	2.51E-03	1.05E-03	2.31E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
R11	290	372855	3764163	372823	3764131	43542	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R12	291	372854	3764100	372822	3764068	43542	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R13	292	372853	3764036	372822	3764004	43542	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
R14	293	372852	3763973	372821	3763941	43619	3	1	2	2	1	4.37E-01	8.74E-02	3.92E-01	2.71E-01	1.78E-03	7.45E-04	1.64E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
R15	294	372852	3763909	372820	3763877	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R18	295	372849	3763719	372817	3763687	43544	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
R19	296	372848	3763655	372816	3763624	43544	4	1	4	1	1	7.03E-01	1.41E-01	6.30E-01	4.36E-01	2.83E-03	1.19E-03	2.60E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
R20	297	372847	3763592	372816	3763560	43544	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R24	298	372844	3763338	372812	3763306	43622	2	1	3	0	1	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
R25	299	372843	3763275	372811	3763243	43546	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R27	300	372841	3763148	372810	3763116	43546	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
R7	301	372858	3764417	372827	3764385	43541	0	1	1	0	0	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	372858	3764353	372826	3764321	43541	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
R9	303	372857	3764290	372825	3764258	43541	2	1	2	1	1	3.36E-01	6.72E-02	3.01E-01	2.09E-01	1.36E-03	5.71E-04	1.25E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
S11	304	372919	3764162	372887	3764130	43542	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
S12	305	372918	3764099	372886	3764067	43542	2	1	3	0	1	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
S13	306	372917	3764035	372885	3764003	43542	5	1	3	3	1	7.21E-01	1.44E-01	6.47E-01	4.48E-01	2.93E-03	1.23E-03	2.69E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
S14	307	372916	3763972	372884	3763940	43619	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
S15	308	372915	3763908	372884	3763876	43543	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	372914	3763845	372883	3763813	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
S17	310	372914	3763781	372882	3763750	43544	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
S18	311	372913	3763718	372881	3763686	43544	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	372910	3763528	372878	3763496	43545	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
S22	313	372909	3763464	372878	3763432	43545	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
S23	314	372909	3763401	372877	3763369	43545	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
S25	315	372907	3763274	372875	3763242	43546	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	372906	3763210	372874	3763179	43546	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T13	317	372981	3764034	372949	3764003	43542	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T14	318	372980	3763971	372948	3763939	43619	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T16	319	372978	3763844	372946	3763812	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T17	320	372977	3763781	372946	3763749	43544	5	1	5	1	1	8.86E-01	1.77E-01	7.95E-01	5.50E-01	3.56E-03	1.49E-03	3.28E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
T19	321	372976	3763654	372944	3763622	43544	3	2	3	2	1	4.89E-01	9.78E-02	4.38E-01	3.03E-01	2.00E-03	8.34E-04	1.83E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
T20	322	372975	3763590	372943	3763558	43544	2	1	3	0	1	4.19E-01	8.37E-02	3.75E-01	2.60E-01	1.68E-03	7.05E-04	1.54E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
T23	323	372972	3763400	372940	3763368	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T24	324	372971	3763337	372940	3763305	43622	2	0	0	2	1	2.02E-01	4.04E-02	1.81E-01	1.25E-01	8.35E-04	3.48E-04	7.65E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
T28	325	372968	3763083	372936	3763051	43547	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T7	326	372986	3764415	372954	3764383	43541	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
T9	327	372984	3764288	372952	3764256	43541	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	373046	3764160	373014	3764129	43542	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	373045	3764097	373014	3764065	43542	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U13	330	373044	3764034	373013	3764002	43542	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U14	331	373044	3763970	373012	3763938	43619	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	373043	3763907	373011	3763875	43543	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
U16	333	373042	3763843	373010	3763811	43543	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U17	334	373041	3763780	373009	3763748	43544	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U18	335	373040	3763716	373008	3763684	43544	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	373039	3763589	373007	3763558	43544	3	0	3	0	1	5.50E-01	1.10E-01	4.93E-01	3.41E-01	2.20E-03	9.23E-04	2.02E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03

Well Grids
IOF HRA: Scenario Future
includes fugitives,
workovers, drilling,
construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
U21	337	373038	3763526	373006	3763494	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U22	338	373037	3763463	373005	3763431	43545	4	1	4	1	1	7.03E-01	1.41E-01	6.30E-01	4.36E-01	2.83E-03	1.19E-03	2.60E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
U23	339	373036	3763399	373004	3763367	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U25	340	373034	3763272	373002	3763240	43546	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U27	341	373033	3763145	373001	3763114	43546	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
U8	342	373049	3764351	373017	3764319	43541	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	373111	3764223	373079	3764191	43541	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	373110	3764160	373078	3764128	43542	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
V14	345	373107	3763969	373076	3763937	43619	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V15	346	373106	3763906	373075	3763874	43543	5	2	6	1	1	9.38E-01	1.88E-01	8.41E-01	5.82E-01	3.78E-03	1.58E-03	3.47E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
V16	347	373106	3763842	373074	3763810	43543	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V17	348	373105	3763779	373073	3763747	43544	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
V18	349	373104	3763715	373072	3763684	43544	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
V19	350	373103	3763652	373071	3763620	43544	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V20	351	373102	3763589	373070	3763557	43544	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V22	352	373101	3763462	373069	3763430	43545	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V23	353	373100	3763398	373068	3763366	43545	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V25	354	373098	3763271	373066	3763240	43546	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
V26	355	373097	3763208	373065	3763176	43546	4	1	4	1	1	7.03E-01	1.41E-01	6.30E-01	4.36E-01	2.83E-03	1.19E-03	2.60E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
V29	356	373095	3763018	373063	3762986	43547	1	1	1	1	0	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W11	357	373174	3764159	373142	3764127	43542	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	373173	3764095	373141	3764063	43542	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W13	359	373172	3764032	373140	3764000	43542	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W16	360	373169	3763841	373138	3763810	43543	1	1	1	1	1	1.53E-01	3.06E-02	1.37E-01	9.48E-02	6.32E-04	2.63E-04	5.79E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W19	361	373167	3763651	373135	3763619	43544	1	2	3	0	1	2.87E-01	5.74E-02	2.57E-01	1.78E-01	1.16E-03	4.86E-04	1.07E-03	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W20	362	373166	3763588	373134	3763556	43544	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W21	363	373165	3763524	373133	3763492	43545	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
W22	364	373164	3763461	373132	3763429	43545	4	0	2	2	1	5.69E-01	1.14E-01	5.10E-01	3.53E-01	2.30E-03	9.63E-04	2.11E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03
W23	365	373163	3763397	373132	3763366	43545	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
W24	366	373163	3763334	373131	3763302	43622	1	1	2	0	1	2.35E-01	4.71E-02	2.11E-01	1.46E-01	9.47E-04	3.97E-04	8.71E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
W25	367	373162	3763270	373130	3763239	43546	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
W26	368	373161	3763207	373129	3763175	43546	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
W27	369	373160	3763144	373128	3763112	43546	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	373234	3763904	373202	3763872	43606	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X16	371	373233	3763841	373201	3763809	43606	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
X17	372	373232	3763777	373200	3763745	43607	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	373231	3763714	373200	3763682	43607	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X20	374	373230	3763587	373198	3763555	43607	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X21	375	373229	3763523	373197	3763492	43608	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X22	376	373228	3763460	373196	3763428	43608	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	373226	3763333	373194	3763301	43685	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X28	378	373223	3763079	373191	3763048	43610	2	2	2	2	1	3.05E-01	6.11E-02	2.74E-01	1.90E-01	1.26E-03	5.27E-04	1.16E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
X30	379	373221	3762952	373189	3762921	43610	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
X33	380	373232	3762791	373222	3762781	4365	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y12	381	373300	3764094	373268	3764062	43542	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y14	382	373299	3763967	373267	3763935	43619	3	0	2	1	0	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Y15	383	373298	3763903	373266	3763871	43543	3	0	1	2	0	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Y17	384	373296	3763776	373264	3763744	43544	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Y18	385	373295	3763713	373263	3763681	43544	6	0	3	3	1	8.53E-01	1.71E-01	7.65E-01	5.29E-01	3.45E-03	1.44E-03	3.17E-03	1.62E+00	3.23E-01	1.45E+00	1.00E+00	6.68E-03	2.78E-03	6.12E-03
Y20	386	373293	3763586	373262	3763554	43544	2	0	1	1	1	2.84E-01	5.69E-02	2.55E-01	1.76E-01	1.15E-03	4.82E-04	1.06E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Y21	387	373293	3763523	373261	3763491	43545	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y22	388	373292	3763459	373260	3763427	43545	5	2	5	2	1	8.56E-01	1.71E-01	7.67E-01	5.31E-01	3.46E-03	1.45E-03	3.18E-03	1.35E+00	2.69E-01	1.21E+00	8.35E-01	5.57E-03	2.32E-03	5.10E-03
Y23	389	373291	3763396	373259	3763364	43545	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	373288	3763205	373257	3763174	43546	3	0	1	2	1	3.85E-01	7.70E-02	3.45E-01	2.39E-01	1.57E-03	6.56E-04	1.44E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Y27	391	373288	3763142	373256	3763110	43546	2	0	2	0	1	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Y28	392	373287	3763078	373255	3763047	43547	4	1	4	1	1	7.03E-01	1.41E-01	6.30E-01	4.36E-01	2.83E-03	1.19E-03	2.60E-03	1.08E+00	2.15E-01	9.67E-01	6.68E-01	4.45E-03	1.86E-03	4.08E-03

Well Grids

IOF HRA: Scenario Future includes fugitives, workovers, drilling, construction

												Fugitives Well - annual lbs/yr							Fugitives Field - annual lbs/yr						
												Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	Center XCOORD_ UTM	Center YCOORD_ UTM	SW XCOORD_ UTM	SW YCOORD_ UTM	AREA_FT2	Active Wells	Idle Wells	Oil Wells	Injection Wells	Drilling Allowed	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Y30	393	373285	3762952	373253	3762920	43547	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Y31	394	373284	3762888	373252	3762856	43548	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z15	395	373361	3763902	373330	3763870	43543	1	0	0	1	0	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z16	396	373361	3763839	373329	3763807	43543	2	0	2	0	0	3.67E-01	7.34E-02	3.29E-01	2.28E-01	1.47E-03	6.15E-04	1.35E-03	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Z17	397	373360	3763775	373328	3763744	43544	1	0	1	0	0	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z18	398	373359	3763712	373327	3763680	43544	3	1	3	1	1	5.20E-01	1.04E-01	4.66E-01	3.22E-01	2.10E-03	8.79E-04	1.93E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Z19	399	373358	3763649	373326	3763617	43544	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z20	400	373357	3763585	373325	3763553	43544	1	0	0	1	1	1.01E-01	2.02E-02	9.05E-02	6.26E-02	4.17E-04	1.74E-04	3.83E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z22	401	373356	3763458	373324	3763426	43545	2	0	0	2	1	2.02E-01	4.04E-02	1.81E-01	1.25E-01	8.35E-04	3.48E-04	7.65E-04	5.40E-01	1.08E-01	4.83E-01	3.34E-01	2.23E-03	9.28E-04	2.04E-03
Z23	402	373355	3763395	373323	3763363	43545	0	1	1	0	1	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	373354	3763331	373322	3763300	43622	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Z25	404	373353	3763268	373321	3763236	43546	3	0	2	1	1	4.68E-01	9.35E-02	4.19E-01	2.90E-01	1.88E-03	7.89E-04	1.73E-03	8.10E-01	1.61E-01	7.25E-01	5.01E-01	3.34E-03	1.39E-03	3.06E-03
Z29	405	373350	3763014	373318	3762982	43547	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z30	406	373349	3762951	373317	3762919	43547	1	0	1	0	1	1.83E-01	3.67E-02	1.64E-01	1.14E-01	7.33E-04	3.08E-04	6.74E-04	2.70E-01	5.38E-02	2.42E-01	1.67E-01	1.11E-03	4.64E-04	1.02E-03
Z31	407	373348	3762887	373316	3762856	43548	0	2	2	0	1	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals						17258795	675	191	629	237	328	4.98E+01	9.97E+00	4.47E+01	3.09E+01	2.01E-01	8.43E-02	1.85E-01	1.82E+02	3.63E+01	1.63E+02	1.13E+02	7.52E-01	3.13E-01	6.89E-01

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AA20	2	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AA23	3	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AA25	4	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AA26	5	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AA27	6	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AA31	7	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AB17	8	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AB21	9	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AB22	10	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AB23	11	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AB24	12	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AB25	13	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AB26	14	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AB27	15	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AB29	16	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
AC20	17	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AC22	18	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AC27	19	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AC30	20	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AC32	21	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AD20	22	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AD21	23	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AD23	24	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AD25	25	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AD29	26	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AD31	27	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
AD32	28	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AE21	29	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AE23	30	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AE24	31	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AE25	32	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AE28	33	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AE29	34	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AE30	35	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AE31	36	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AE32	37	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AE33	38	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AE34	39	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AE35	40	4.02E-02	6.21E-01	1.24E+00	1.34E-01	5.64E-01	1.42E-02	7.84E-03	1.56E-01	2.44E-02	7.59E-02	1.94E-02	3.05E-02	5.97E-03	2.23E-03	1.44E-03	2.81E-03	1.15E-03	1.08E-03	2.95E-03	1.34E-01	1.39E+01	1.58E-03	7.20E-05
AE37	41	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AE45	42	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AF34	43	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AF35	44	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AF36	45	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AF42	46	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AG21	48	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AG22	49	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AG27	50	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AG28	51	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AG31	52	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AG35	53	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AG37	54	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AG41	55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AH22	58	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AH24	59	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AH25	60	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AH27	61	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AH28	62	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AH29	63	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AH32	64	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AH33	65	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
AH35	66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AH37	68	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AH39	69	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AI22	70	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AI24	71	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AI25	72	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AI26	73	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AI27	74	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AI28	75	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AI31	76	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AI33	77	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AI35	78	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AI37	79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AJ25	81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AJ27	83	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AJ28	84	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AJ29	85	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AJ30	86	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AJ33	88	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AJ36	89	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
AJ37	90	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AJ38	91	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AJ40	92	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AK26	95	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AK27	96	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AK29	97	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AK31	98	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AK34	99	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AK39	100	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AK40	101	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AL30	102	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AL32	103	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AL36	104	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AL37	105	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AL38	106	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AL39	107	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AL40	108	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AM28	109	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AM30	110	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AM31	111	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AM32	112	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AM34	114	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AM35	115	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AM37	116	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AM38	117	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AM39	118	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AM40	119	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AN29	120	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AN32	121	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AN33	122	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AN34	123	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AN36	124	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AN37	125	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AN38	126	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AN39	127	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AN44	128	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AO28	129	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AO30	130	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AO32	131	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AO33	132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AO37	134	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AO38	135	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AO39	136	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AO40	137	5.75E-02	8.87E-01	1.77E+00	1.92E-01	8.05E-01	2.03E-02	1.12E-02	2.24E-01	3.49E-02	1.08E-01	2.77E-02	4.36E-02	8.53E-03	3.19E-03	2.06E-03	4.01E-03	1.64E-03	1.54E-03	4.22E-03	1.92E-01	1.99E+01	2.26E-03	1.03E-04
AO41	138	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AO42	139	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AO44	140	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AP32	141	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AP33	142	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AP36	143	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AP37	144	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AP38	145	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AP39	146	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AP40	147	8.05E-02	1.24E+00	2.48E+00	2.68E-01	1.13E+00	2.84E-02	1.57E-02	3.13E-01	4.88E-02	1.52E-01	3.87E-02	6.10E-02	1.19E-02	4.46E-03	2.88E-03	5.61E-03	2.30E-03	2.16E-03	5.90E-03	2.68E-01	2.78E+01	3.17E-03	1.44E-04
AP41	148	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AP42	149	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
AP43	150	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AP47	151	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AQ31	152	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AQ33	153	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AQ34	154	3.45E-02	5.32E-01	1.06E+00	1.15E-01	4.83E-01	1.22E-02	6.72E-03	1.34E-01	2.09E-02	6.50E-02	1.66E-02	2.62E-02	5.12E-03	1.91E-03	1.23E-03	2.41E-03	9.87E-04	9.25E-04	2.53E-03	1.15E-01	1.19E+01	1.36E-03	6.17E-05
AQ36	155	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AQ38	156	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AQ39	157	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AQ40	158	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
AQ41	159	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AQ43	160	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AQ44	161	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
AQ45	162	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
AR38	163	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
AR42	164	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
B5	165	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
E10	171	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
E9	174	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
F15	175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
F6	178	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
F9	179	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
G10	180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
G6	184	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
H10	185	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
H11	186	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
H13	187	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
H15	188	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
H16	189	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
H8	192	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
H9	193	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
I11	194	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
I13	195	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
I14	196	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
I15	197	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
I16	198	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
I6	200	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
I8	201	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
J10	202	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
J11	203	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
J12	204	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
J14	205	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
J17	206	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
J18	207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
J5	209	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
J8	210	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
J9	211	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
K10	212	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
K11	213	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
K12	214	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
K15	216	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
K16	217	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
K6	218	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
K9	219	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
L11	220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
L13	222	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
L15	223	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
L16	224	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
L19	226	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
L20	227	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
L21	228	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
L7	229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
M11	232	3.45E-02	5.32E-01	1.06E+00	1.15E-01	4.83E-01	1.22E-02	6.72E-03	1.34E-01	2.09E-02	6.50E-02	1.66E-02	2.62E-02	5.12E-03	1.91E-03	1.23E-03	2.41E-03	9.87E-04	9.25E-04	2.53E-03	1.15E-01	1.19E+01	1.36E-03	6.17E-05
M13	233	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
M15	234	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
M6	235	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
M7	236	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
M8	237	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
M9	238	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N10	239	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N11	240	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N12	241	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N13	242	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
N14	243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N17	245	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N18	246	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
N22	247	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N8	248	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
N9	249	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
O12	250	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
O14	251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
O17	253	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
O18	254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
O20	256	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
O21	257	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
O7	260	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
O8	261	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
P11	263	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
P12	264	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
P14	265	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
P15	266	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
P16	267	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
P17	268	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
P21	269	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
P22	270	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
P23	271	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q11	274	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q12	275	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Q13	276	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Q14	277	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q15	278	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q16	279	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Q17	280	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q19	282	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Q21	283	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Q22	284	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q23	285	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q25	287	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Q8	288	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
R10	289	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
R11	290	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
R12	291	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
R13	292	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
R14	293	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
R15	294	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
R18	295	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
R19	296	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
R20	297	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
R24	298	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
R25	299	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
R27	300	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
R9	303	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
S11	304	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
S12	305	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
S13	306	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
S14	307	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
S15	308	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
S17	310	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
S18	311	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
S22	313	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
S23	314	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
S25	315	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
T13	317	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
T14	318	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
T16	319	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
T17	320	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
T19	321	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
T20	322	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
T23	323	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
T24	324	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
T28	325	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
T7	326	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
T9	327	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U13	330	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U14	331	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
U16	333	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U17	334	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U18	335	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U22	338	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
U23	339	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U25	340	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U27	341	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
U8	342	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
V14	345	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
V15	346	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
V16	347	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
V17	348	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
V18	349	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
V19	350	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
V20	351	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
V22	352	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
V23	353	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
V25	354	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
V26	355	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
V29	356	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
W11	357	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
W13	359	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
W16	360	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
W19	361	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
W20	362	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
W21	363	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
W22	364	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05
W23	365	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
W24	366	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
W25	367	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
W26	368	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
W27	369	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
X16	371	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
X17	372	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
X20	374	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
X21	375	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
X22	376	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
X28	378	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
X30	379	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
X33	380	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Y12	381	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Y14	382	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Y15	383	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Y17	384	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Y18	385	3.45E-02	5.32E-01	1.06E+00	1.15E-01	4.83E-01	1.22E-02	6.72E-03	1.34E-01	2.09E-02	6.50E-02	1.66E-02	2.62E-02	5.12E-03	1.91E-03	1.23E-03	2.41E-03	9.87E-04	9.25E-04	2.53E-03	1.15E-01	1.19E+01	1.36E-03	6.17E-05
Y20	386	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Y21	387	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Y22	388	2.87E-02	4.44E-01	8.87E-01	9.58E-02	4.03E-01	1.01E-02	5.60E-03	1.12E-01	1.74E-02	5.42E-02	1.38E-02	2.18E-02	4.27E-03	1.59E-03	1.03E-03	2.00E-03	8.22E-04	7.71E-04	2.11E-03	9.58E-02	9.94E+00	1.13E-03	5.14E-05
Y23	389	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Y27	391	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Y28	392	2.30E-02	3.55E-01	7.10E-01	7.66E-02	3.22E-01	8.10E-03	4.48E-03	8.94E-02	1.39E-02	4.33E-02	1.11E-02	1.74E-02	3.41E-03	1.27E-03	8.22E-04	1.60E-03	6.58E-04	6.17E-04	1.69E-03	7.66E-02	7.95E+00	9.05E-04	4.11E-05

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Y31	394	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Z15	395	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Z16	396	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Z17	397	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Z18	398	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Z19	399	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Z20	400	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Z22	401	1.15E-02	1.77E-01	3.55E-01	3.83E-02	1.61E-01	4.05E-03	2.24E-03	4.47E-02	6.97E-03	2.17E-02	5.53E-03	8.72E-03	1.71E-03	6.37E-04	4.11E-04	8.02E-04	3.29E-04	3.08E-04	8.43E-04	3.83E-02	3.98E+00	4.52E-04	2.06E-05
Z23	402	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Z25	404	1.72E-02	2.66E-01	5.32E-01	5.75E-02	2.42E-01	6.08E-03	3.36E-03	6.71E-02	1.05E-02	3.25E-02	8.30E-03	1.31E-02	2.56E-03	9.56E-04	6.17E-04	1.20E-03	4.93E-04	4.63E-04	1.26E-03	5.75E-02	5.96E+00	6.79E-04	3.08E-05
Z29	405	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Z30	406	5.75E-03	8.87E-02	1.77E-01	1.92E-02	8.05E-02	2.03E-03	1.12E-03	2.24E-02	3.49E-03	1.08E-02	2.77E-03	4.36E-03	8.53E-04	3.19E-04	2.06E-04	4.01E-04	1.64E-04	1.54E-04	4.22E-04	1.92E-02	1.99E+00	2.26E-04	1.03E-05
Z31	407	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals		3.88E+00	5.99E+01	1.20E+02	1.29E+01	5.44E+01	1.37E+00	7.56E-01	1.51E+01	2.35E+00	7.31E+00	1.87E+00	2.94E+00	5.76E-01	2.15E-01	1.39E-01	2.71E-01	1.11E-01	1.04E-01	2.85E-01	1.29E+01	1.34E+03	1.53E-01	6.94E-03

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA20	2	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AA23	3	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AA25	4	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AA26	5	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AA27	6	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AA31	7	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB17	8	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB21	9	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB22	10	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB23	11	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB24	12	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB25	13	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB26	14	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB27	15	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AB29	16	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AC20	17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC22	18	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AC27	19	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AC30	20	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AC32	21	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AD20	22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD21	23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD23	24	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AD25	25	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AD29	26	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AD31	27	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AD32	28	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE21	29	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE23	30	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE24	31	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE25	32	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE28	33	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE29	34	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE30	35	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE31	36	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE32	37	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE33	38	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE34	39	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE35	40	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE37	41	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AE45	42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF34	43	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AF35	44	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AF36	45	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AF42	46	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG20	47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG21	48	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG22	49	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG27	50	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG28	51	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG31	52	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG35	53	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG37	54	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG41	55	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AG43	56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH22	58	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH24	59	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH25	60	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH27	61	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH28	62	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH29	63	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH32	64	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH33	65	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH35	66	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH36	67	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH37	68	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AH39	69	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI22	70	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI24	71	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI25	72	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI26	73	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI27	74	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI28	75	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI31	76	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI33	77	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI35	78	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AI37	79	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ22	80	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ25	81	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ26	82	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ27	83	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ28	84	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ29	85	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ30	86	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ31	87	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ33	88	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ36	89	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ37	90	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ38	91	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AJ40	92	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK26	95	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK27	96	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK29	97	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AK31	98	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AK34	99	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AK39	100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK40	101	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL30	102	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AL32	103	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AL36	104	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AL37	105	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AL38	106	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AL39	107	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AL40	108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM28	109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM30	110	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AM31	111	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AM32	112	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AM34	114	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AM35	115	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AM37	116	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AM38	117	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AM39	118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM40	119	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN29	120	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN32	121	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN33	122	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN34	123	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN36	124	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN37	125	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN38	126	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN39	127	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AN44	128	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO28	129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO30	130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO32	131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO33	132	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO35	133	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO37	134	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO38	135	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO39	136	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO40	137	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO41	138	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO42	139	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AO44	140	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AP32	141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP33	142	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP36	143	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP37	144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP38	145	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AP39	146	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AP40	147	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AP41	148	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AP42	149	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AP43	150	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AP47	151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ31	152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ33	153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ34	154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ36	155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ38	156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ39	157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ40	158	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ41	159	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ43	160	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AQ44	161	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
AQ45	162	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR38	163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR42	164	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B5	165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E10	171	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E9	174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F15	175	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F6	178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F9	179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G10	180	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
G11	181	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
G12	182	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
G13	183	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
G6	184	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H10	185	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
H11	186	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
H13	187	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
H15	188	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
H16	189	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H8	192	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
H9	193	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I11	194	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I13	195	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I14	196	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I15	197	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I16	198	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I17	199	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I6	200	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
I8	201	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J10	202	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J11	203	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J12	204	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J14	205	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J17	206	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J18	207	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J3	208	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J5	209	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J8	210	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
J9	211	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K10	212	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K11	213	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K12	214	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K14	215	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K15	216	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K16	217	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K6	218	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
K9	219	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L11	220	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L12	221	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L13	222	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L15	223	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L16	224	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L19	226	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L20	227	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L21	228	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L7	229	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
L9	230	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
M10	231	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
M11	232	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
M13	233	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
M15	234	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
M6	235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M7	236	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
M8	237	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
M9	238	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N10	239	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N11	240	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N12	241	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N13	242	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N14	243	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N15	244	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N17	245	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N18	246	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N22	247	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N8	248	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
N9	249	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O12	250	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O14	251	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O16	252	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O17	253	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O18	254	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O19	255	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O20	256	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O21	257	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O7	260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O8	261	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P10	262	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P11	263	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P12	264	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P14	265	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P15	266	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P16	267	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P17	268	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P21	269	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P22	270	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P23	271	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q11	274	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q12	275	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q13	276	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q14	277	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q15	278	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q16	279	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q17	280	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q19	282	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q21	283	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q22	284	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q23	285	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Q24	286	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q25	287	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q8	288	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R10	289	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R11	290	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R12	291	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R13	292	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R14	293	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R15	294	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R18	295	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R19	296	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R20	297	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R24	298	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R25	299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R27	300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
R9	303	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S11	304	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S12	305	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S13	306	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S14	307	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S15	308	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S16	309	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S17	310	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S18	311	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S21	312	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S22	313	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S23	314	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S25	315	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
S26	316	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T13	317	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T14	318	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T16	319	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T17	320	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T19	321	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T20	322	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T23	323	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T24	324	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
T28	325	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T7	326	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T9	327	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U11	328	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U12	329	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U13	330	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U14	331	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U15	332	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U16	333	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U17	334	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U18	335	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U20	336	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U22	338	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U23	339	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U25	340	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U27	341	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
U8	342	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V10	343	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V11	344	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V14	345	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V15	346	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V16	347	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V17	348	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V18	349	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V19	350	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V20	351	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V22	352	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V23	353	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V25	354	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V26	355	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
V29	356	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W11	357	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W12	358	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W13	359	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W16	360	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W19	361	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W20	362	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W21	363	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W22	364	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W23	365	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W24	366	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W25	367	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W26	368	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
W27	369	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X15	370	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X16	371	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X17	372	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X18	373	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X20	374	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X21	375	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X22	376	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X24	377	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X28	378	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
X30	379	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X33	380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y12	381	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y14	382	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y15	383	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y17	384	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y18	385	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y20	386	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y21	387	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y22	388	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y23	389	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y26	390	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y27	391	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y28	392	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Y31	394	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z15	395	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z16	396	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z17	397	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z18	398	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z19	399	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z20	400	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z22	401	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z23	402	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z24	403	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z25	404	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z29	405	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z30	406	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Z31	407	4.99E-03	5.78E-01	1.54E-01	1.66E-02	7.00E-02	1.76E-03	9.74E-04	1.94E-02	3.03E-03	9.42E-03	2.40E-03	3.79E-03	7.41E-04	2.77E-04	1.79E-04	3.48E-04	1.43E-04	1.34E-04	3.66E-04	1.66E-02	2.59E+00	1.97E-04	8.93E-06
Totals		1.64E+00	1.90E+02	5.06E+01	5.46E+00	2.30E+01	5.77E-01	3.19E-01	6.37E+00	9.93E-01	3.09E+00	7.88E-01	1.24E+00	2.43E-01	9.08E-02	5.86E-02	1.14E-01	4.69E-02	4.40E-02	1.20E-01	5.46E+00	8.50E+02	6.45E-02	2.93E-03

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA20	2	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA23	3	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA25	4	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA26	5	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA27	6	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AA31	7	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB17	8	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
AB21	9	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB22	10	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB23	11	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB24	12	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AB25	13	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB26	14	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB27	15	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AB29	16	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC20	17	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC22	18	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC27	19	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC30	20	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AC32	21	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD20	22	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD21	23	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD23	24	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD25	25	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD29	26	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD31	27	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AD32	28	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE21	29	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE23	30	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE24	31	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AE25	32	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE28	33	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE29	34	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE30	35	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE31	36	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE32	37	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE33	38	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AE34	39	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE35	40	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE37	41	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AE45	42	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF34	43	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF35	44	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF36	45	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AF42	46	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.67E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AG20	47	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG21	48	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG22	49	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG27	50	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG28	51	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG31	52	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG35	53	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG37	54	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG41	55	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AG43	56	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH22	58	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH24	59	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
AH25	60	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH27	61	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH28	62	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH29	63	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH32	64	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH33	65	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
AH35	66	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH36	67	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH37	68	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AH39	69	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AI22	70	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI24	71	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AI25	72	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI26	73	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI27	74	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI28	75	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI31	76	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI33	77	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AI35	78	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AI37	79	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ22	80	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ25	81	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ26	82	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ27	83	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ28	84	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ29	85	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ30	86	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ31	87	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ33	88	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AJ36	89	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ37	90	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ38	91	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AJ40	92	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK20	93	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK23	94	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK26	95	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK27	96	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK29	97	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK31	98	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK34	99	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK39	100	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AK40	101	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL30	102	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL32	103	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL36	104	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL37	105	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL38	106	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL39	107	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AL40	108	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM28	109	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM30	110	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM31	111	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM32	112	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AM34	114	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM35	115	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM37	116	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM38	117	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM39	118	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AM40	119	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN29	120	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN32	121	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN33	122	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AN34	123	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN36	124	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN37	125	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN38	126	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN39	127	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AN44	128	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO28	129	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.13E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
AO30	130	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO32	131	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO33	132	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AO35	133	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO37	134	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO38	135	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO39	136	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO40	137	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO41	138	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AO42	139	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.67E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AO44	140	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP32	141	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP33	142	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AP36	143	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP37	144	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP38	145	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP39	146	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP40	147	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP41	148	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP42	149	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.67E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
AP43	150	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AP47	151	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
AQ31	152	2.26E-06	3.92E-04	6.98E-05	7.53E-06	3.17E-05	7.96E-07	4.40E-07	8.79E-06	1.37E-06	4.26E-06	1.09E-06	1.71E-06	3.35E-07	1.25E-07	8.08E-08	1.58E-07	6.47E-08	6.06E-08	1.66E-07	7.53E-06	1.17E-03	8.89E-08	4.04E-09
AQ33	153	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
AQ34	154	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ36	155	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ38	156	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ39	157	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ40	158	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ41	159	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ43	160	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ44	161	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AQ45	162	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
AR38	163	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.13E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
AR42	164	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
B5	165	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
B9	166	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
D13	167	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
D14	168	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	2.26E-06	3.93E-04	6.98E-05	7.53E-06	3.17E-05	7.97E-07	4.41E-07	8.79E-06	1.37E-06	4.26E-06	1.09E-06	1.71E-06	3.36E-07	1.25E-07	8.09E-08	1.58E-07	6.47E-08	6.07E-08	1.66E-07	7.53E-06	1.17E-03	8.90E-08	4.04E-09
D9	170	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
E10	171	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
E12	172	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
E8	173	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
E9	174	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
F15	175	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
F16	176	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
F5	177	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
F6	178	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
F9	179	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G10	180	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G11	181	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G12	182	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G13	183	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
G6	184	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H10	185	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H11	186	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H13	187	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H15	188	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H16	189	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H5	190	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
H7	191	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H8	192	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
H9	193	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I11	194	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I13	195	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I14	196	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
I15	197	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I16	198	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I17	199	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I6	200	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
I8	201	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J10	202	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J11	203	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J12	204	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J14	205	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
J17	206	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J18	207	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J3	208	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.12E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
J5	209	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
J8	210	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
J9	211	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K10	212	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K11	213	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K12	214	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K14	215	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
K15	216	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K16	217	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K6	218	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
K9	219	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L11	220	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L12	221	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L13	222	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L15	223	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L16	224	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L19	226	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L20	227	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L21	228	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L7	229	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
L9	230	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M10	231	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M11	232	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M13	233	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M15	234	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M6	235	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.48E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M7	236	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M8	237	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
M9	238	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N10	239	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N11	240	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N12	241	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N13	242	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N14	243	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
N15	244	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N17	245	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N18	246	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N22	247	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N8	248	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
N9	249	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
O12	250	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O14	251	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
O16	252	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O17	253	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O18	254	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O19	255	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O20	256	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O21	257	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O24	258	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
O6	259	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O7	260	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
O8	261	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
P10	262	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P11	263	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P12	264	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P14	265	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
P15	266	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P16	267	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P17	268	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P21	269	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P22	270	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P23	271	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P7	272	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
P9	273	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q11	274	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q12	275	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q13	276	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q14	277	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
Q15	278	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q16	279	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q17	280	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q19	282	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q21	283	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q22	284	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q23	285	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q24	286	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
Q25	287	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Q8	288	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R10	289	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R11	290	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R12	291	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R13	292	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R14	293	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
R15	294	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R18	295	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R19	296	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R20	297	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R24	298	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
R25	299	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R27	300	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R7	301	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R8	302	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
R9	303	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S11	304	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S12	305	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S13	306	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S14	307	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
S15	308	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S16	309	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S17	310	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S18	311	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S21	312	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S22	313	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S23	314	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S25	315	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
S26	316	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T13	317	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T14	318	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
T16	319	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T17	320	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T19	321	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T20	322	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T23	323	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T24	324	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
T28	325	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T7	326	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
T9	327	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U11	328	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U12	329	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U13	330	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U14	331	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
U15	332	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U16	333	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U17	334	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U18	335	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U20	336	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U22	338	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U23	339	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U25	340	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U27	341	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
U8	342	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V10	343	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V11	344	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V14	345	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
V15	346	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V16	347	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V17	348	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V18	349	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V19	350	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V20	351	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V22	352	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V23	353	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V25	354	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V26	355	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
V29	356	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W11	357	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W12	358	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W13	359	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W16	360	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W19	361	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W20	362	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W21	363	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W22	364	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W23	365	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W24	366	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
W25	367	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W26	368	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
W27	369	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
X15	370	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X16	371	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X17	372	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X18	373	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X20	374	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.82E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.49E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X21	375	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X22	376	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X24	377	2.27E-05	3.95E-03	7.02E-04	7.58E-05	3.19E-04	8.01E-06	4.43E-06	8.84E-05	1.38E-05	4.29E-05	1.09E-05	1.72E-05	3.38E-06	1.26E-06	8.13E-07	1.59E-06	6.51E-07	6.10E-07	1.67E-06	7.58E-05	1.18E-02	8.95E-07	4.07E-08
X28	378	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X30	379	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.42E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
X33	380	2.27E-06	3.94E-04	7.01E-05	7.57E-06	3.18E-05	8.00E-07	4.43E-07	8.83E-06	1.38E-06	4.28E-06	1.09E-06	1.72E-06	3.37E-07	1.26E-07	8.13E-08	1.58E-07	6.50E-08	6.09E-08	1.67E-07	7.57E-06	1.18E-03	8.94E-08	4.06E-09
Y12	381	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.17E-04	7.98E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y14	382	2.27E-05	3.94E-03	7.01E-04	7.56E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.56E-05	1.18E-02	8.93E-07	4.06E-08
Y15	383	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y17	384	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y18	385	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y20	386	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y21	387	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y22	388	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y23	389	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y26	390	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y27	391	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y28	392	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - annual lbs/yr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Y31	394	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z15	395	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z16	396	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z17	397	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z18	398	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z19	399	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z20	400	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z22	401	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z23	402	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z24	403	2.27E-05	3.94E-03	7.01E-04	7.57E-05	3.18E-04	8.00E-06	4.43E-06	8.83E-05	1.38E-05	4.28E-05	1.09E-05	1.72E-05	3.37E-06	1.26E-06	8.12E-07	1.58E-06	6.50E-07	6.09E-07	1.66E-06	7.57E-05	1.18E-02	8.93E-07	4.06E-08
Z25	404	2.27E-05	3.93E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z29	405	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z30	406	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Z31	407	2.27E-05	3.94E-03	7.00E-04	7.55E-05	3.18E-04	7.99E-06	4.42E-06	8.81E-05	1.37E-05	4.27E-05	1.09E-05	1.72E-05	3.36E-06	1.26E-06	8.11E-07	1.58E-06	6.49E-07	6.08E-07	1.66E-06	7.55E-05	1.18E-02	8.92E-07	4.05E-08
Totals		8.98E-03	1.56E+00	2.77E-01	2.99E-02	1.26E-01	3.17E-03	1.75E-03	3.49E-02	5.45E-03	1.69E-02	4.32E-03	6.81E-03	1.33E-03	4.98E-04	3.21E-04	6.27E-04	2.57E-04	2.41E-04	6.59E-04	2.99E-02	4.66E+00	3.53E-04	1.61E-05

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
AA18	1	3.59E-01	1.73E+00	3.46E-01	1.55E+00	1.07E+00	7.07E-03	2.95E-03	6.49E-03
AA20	2	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
AA23	3	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
AA25	4	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
AA26	5	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
AA27	6	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AA31	7	9.37E-01	1.78E+00	3.56E-01	1.60E+00	1.10E+00	7.28E-03	3.04E-03	6.68E-03
AB17	8	8.91E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AB21	9	6.71E-01	5.57E-01	1.11E-01	4.99E-01	3.45E-01	2.28E-03	9.50E-04	2.09E-03
AB22	10	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AB23	11	9.37E-01	1.70E+00	3.39E-01	1.52E+00	1.05E+00	6.97E-03	2.91E-03	6.39E-03
AB24	12	8.48E-01	1.33E+00	2.65E-01	1.19E+00	8.23E-01	5.44E-03	2.27E-03	4.99E-03
AB25	13	9.37E-01	1.73E+00	3.46E-01	1.55E+00	1.07E+00	7.07E-03	2.95E-03	6.49E-03
AB26	14	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AB27	15	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AB29	16	1.03E+00	2.18E+00	4.36E-01	1.96E+00	1.35E+00	8.92E-03	3.72E-03	8.18E-03
AC20	17	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AC22	18	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AC27	19	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AC30	20	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AC32	21	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AD20	22	1.81E-01	7.93E-01	1.58E-01	7.11E-01	4.91E-01	3.28E-03	1.37E-03	3.00E-03
AD21	23	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AD23	24	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AD25	25	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
AD29	26	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AD31	27	1.03E+00	2.21E+00	4.40E-01	1.98E+00	1.37E+00	9.03E-03	3.77E-03	8.28E-03
AD32	28	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AE21	29	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AE23	30	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
AE24	31	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
AE25	32	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AE28	33	8.48E-01	1.33E+00	2.65E-01	1.19E+00	8.23E-01	5.44E-03	2.27E-03	4.99E-03
AE29	34	7.59E-01	7.93E-01	1.58E-01	7.11E-01	4.91E-01	3.28E-03	1.37E-03	3.00E-03
AE30	35	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AE31	36	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
AE32	37	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AE33	38	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AE34	39	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
AE35	40	1.20E+00	2.93E+00	5.84E-01	2.62E+00	1.81E+00	1.20E-02	5.00E-03	1.10E-02
AE37	41	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
AE45	42	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AF34	43	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AF35	44	7.59E-01	7.93E-01	1.58E-01	7.11E-01	4.91E-01	3.28E-03	1.37E-03	3.00E-03
AF36	45	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AF42	46	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AG20	47	9.26E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AG21	48	1.81E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AG22	49	9.37E-01	1.70E+00	3.39E-01	1.52E+00	1.05E+00	6.97E-03	2.91E-03	6.39E-03
AG27	50	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AG28	51	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
AG31	52	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AG35	53	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AG37	54	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AG41	55	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AG43	56	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
AH20	57	2.70E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AH22	58	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AH24	59	9.37E-01	1.65E+00	3.29E-01	1.48E+00	1.02E+00	6.75E-03	2.82E-03	6.20E-03
AH25	60	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AH27	61	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AH28	62	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AH29	63	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AH32	64	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AH33	65	1.03E+00	2.10E+00	4.20E-01	1.88E+00	1.30E+00	8.60E-03	3.59E-03	7.89E-03
AH35	66	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AH36	67	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
AH37	68	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AH39	69	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AI22	70	8.48E-01	1.25E+00	2.49E-01	1.12E+00	7.72E-01	5.12E-03	2.14E-03	4.70E-03
AI24	71	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AI25	72	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
AI26	73	7.59E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
AI27	74	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AI28	75	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AI31	76	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AI33	77	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AI35	78	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AI37	79	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AJ22	80	2.70E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
AJ25	81	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AJ26	82	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AJ27	83	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
AJ28	84	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AJ29	85	7.59E-01	7.42E-01	1.48E-01	6.64E-01	4.59E-01	3.06E-03	1.28E-03	2.81E-03
AJ30	86	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AJ31	87	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AJ33	88	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AJ36	89	1.03E+00	2.15E+00	4.30E-01	1.93E+00	1.33E+00	8.81E-03	3.68E-03	8.09E-03
AJ37	90	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AJ38	91	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
AJ40	92	1.81E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AK20	93	3.93E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AK23	94	9.26E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AK26	95	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AK27	96	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AK29	97	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AK31	98	8.48E-01	1.41E+00	2.82E-01	1.26E+00	8.75E-01	5.75E-03	2.40E-03	5.28E-03
AK34	99	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
AK39	100	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AK40	101	1.81E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
AL30	102	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AL32	103	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AL36	104	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AL37	105	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AL38	106	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
AL39	107	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AL40	108	1.81E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AM28	109	1.81E-01	9.80E-01	1.96E-01	8.78E-01	6.07E-01	4.02E-03	1.68E-03	3.69E-03
AM30	110	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AM31	111	7.59E-01	7.42E-01	1.48E-01	6.64E-01	4.59E-01	3.06E-03	1.28E-03	2.81E-03
AM32	112	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
AM33	113	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
AM34	114	7.59E-01	9.80E-01	1.96E-01	8.78E-01	6.07E-01	4.02E-03	1.68E-03	3.69E-03
AM35	115	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
AM37	116	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AM38	117	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AM39	118	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AM40	119	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
AN29	120	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AN32	121	8.48E-01	1.33E+00	2.65E-01	1.19E+00	8.23E-01	5.44E-03	2.27E-03	4.99E-03
AN33	122	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AN34	123	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AN36	124	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AN37	125	8.48E-01	1.33E+00	2.65E-01	1.19E+00	8.23E-01	5.44E-03	2.27E-03	4.99E-03
AN38	126	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
AN39	127	9.37E-01	1.73E+00	3.46E-01	1.55E+00	1.07E+00	7.07E-03	2.95E-03	6.49E-03
AN44	128	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AO28	129	8.91E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AO30	130	1.81E-01	7.42E-01	1.48E-01	6.64E-01	4.59E-01	3.06E-03	1.28E-03	2.81E-03
AO32	131	9.26E-02	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
AO33	132	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
AO35	133	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
AO37	134	8.48E-01	1.33E+00	2.65E-01	1.19E+00	8.23E-01	5.44E-03	2.27E-03	4.99E-03
AO38	135	9.37E-01	1.65E+00	3.29E-01	1.48E+00	1.02E+00	6.75E-03	2.82E-03	6.20E-03
AO39	136	7.59E-01	1.06E+00	2.12E-01	9.52E-01	6.58E-01	4.34E-03	1.81E-03	3.98E-03
AO40	137	1.47E+00	4.52E+00	9.03E-01	4.05E+00	2.80E+00	1.85E-02	7.72E-03	1.70E-02
AO41	138	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AO42	139	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AO44	140	8.48E-01	1.41E+00	2.82E-01	1.26E+00	8.75E-01	5.75E-03	2.40E-03	5.28E-03
AP32	141	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AP33	142	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
AP36	143	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
AP37	144	2.70E-01	1.41E+00	2.82E-01	1.26E+00	8.75E-01	5.75E-03	2.40E-03	5.28E-03
AP38	145	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AP39	146	9.37E-01	1.94E+00	3.87E-01	1.74E+00	1.20E+00	7.93E-03	3.31E-03	7.27E-03
AP40	147	1.82E+00	5.79E+00	1.16E+00	5.19E+00	3.59E+00	2.38E-02	9.91E-03	2.18E-02
AP41	148	9.37E-01	1.65E+00	3.29E-01	1.48E+00	1.02E+00	6.75E-03	2.82E-03	6.20E-03
AP42	149	1.03E+00	2.27E+00	4.53E-01	2.03E+00	1.40E+00	9.23E-03	3.86E-03	8.47E-03
AP43	150	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AP47	151	1.81E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
AQ31	152	8.91E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
AQ33	153	9.27E-02	6.09E-01	1.22E-01	5.46E-01	3.77E-01	2.49E-03	1.04E-03	2.28E-03
AQ34	154	5.36E-01	2.44E+00	4.87E-01	2.19E+00	1.51E+00	1.00E-02	4.18E-03	9.20E-03
AQ36	155	9.26E-02	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
AQ38	156	1.81E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
AQ39	157	9.26E-02	5.57E-01	1.11E-01	4.99E-01	3.45E-01	2.28E-03	9.50E-04	2.09E-03
AQ40	158	1.81E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
AQ41	159	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
AQ43	160	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AQ44	161	9.37E-01	1.65E+00	3.29E-01	1.48E+00	1.02E+00	6.75E-03	2.82E-03	6.20E-03
AQ45	162	9.26E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
AR38	163	2.67E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
AR42	164	9.27E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
B5	165	8.91E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
B9	166	3.94E-04	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
D13	167	3.93E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
D14	168	3.94E-03	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04

Well Grids

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		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
D7	169	3.93E-04	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
D9	170	8.91E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
E10	171	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
E12	172	3.94E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
E8	173	8.91E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
E9	174	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
F15	175	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
F16	176	3.93E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
F5	177	8.91E-02	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
F6	178	2.70E-01	1.41E+00	2.82E-01	1.26E+00	8.75E-01	5.75E-03	2.40E-03	5.28E-03
F9	179	9.26E-02	5.57E-01	1.11E-01	4.99E-01	3.45E-01	2.28E-03	9.50E-04	2.09E-03
G10	180	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
G11	181	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
G12	182	5.82E-01	1.56E-01	3.11E-02	1.39E-01	9.65E-02	6.44E-04	2.68E-04	5.90E-04
G13	183	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
G6	184	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
H10	185	9.37E-01	1.81E+00	3.62E-01	1.62E+00	1.12E+00	7.38E-03	3.09E-03	6.78E-03
H11	186	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
H13	187	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
H15	188	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
H16	189	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
H5	190	3.94E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
H7	191	2.70E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
H8	192	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
H9	193	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
I11	194	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
I13	195	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
I14	196	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
I15	197	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
I16	198	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
I17	199	7.59E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
I6	200	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
I8	201	7.59E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
J10	202	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
J11	203	8.48E-01	1.25E+00	2.49E-01	1.12E+00	7.72E-01	5.12E-03	2.14E-03	4.70E-03
J12	204	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
J14	205	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
J17	206	7.59E-01	7.42E-01	1.48E-01	6.64E-01	4.59E-01	3.06E-03	1.28E-03	2.81E-03
J18	207	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
J3	208	8.91E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
J5	209	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
J8	210	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
J9	211	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
K10	212	7.59E-01	9.28E-01	1.85E-01	8.31E-01	5.75E-01	3.81E-03	1.59E-03	3.49E-03
K11	213	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
K12	214	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
K14	215	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
K15	216	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
K16	217	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
K6	218	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
K9	219	6.71E-01	5.57E-01	1.11E-01	4.99E-01	3.45E-01	2.28E-03	9.50E-04	2.09E-03
L11	220	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
L12	221	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
L13	222	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
L15	223	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
L16	224	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
L18	225	7.59E-01	7.42E-01	1.48E-01	6.64E-01	4.59E-01	3.06E-03	1.28E-03	2.81E-03
L19	226	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
L20	227	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
L21	228	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
L7	229	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
L9	230	5.82E-01	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04
M10	231	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
M11	232	1.11E+00	2.64E+00	5.27E-01	2.36E+00	1.63E+00	1.08E-02	4.50E-03	9.88E-03
M13	233	9.37E-01	1.70E+00	3.39E-01	1.52E+00	1.05E+00	6.97E-03	2.91E-03	6.39E-03
M15	234	7.59E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
M6	235	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
M7	236	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
M8	237	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
M9	238	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
N10	239	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
N11	240	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
N12	241	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
N13	242	1.03E+00	2.29E+00	4.57E-01	2.05E+00	1.42E+00	9.34E-03	3.90E-03	8.58E-03
N14	243	5.82E-01	1.56E-01	3.11E-02	1.39E-01	9.65E-02	6.44E-04	2.68E-04	5.90E-04
N15	244	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
N17	245	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
N18	246	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
N22	247	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
N8	248	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
N9	249	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
O12	250	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
O14	251	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
O16	252	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
O17	253	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
O18	254	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
O19	255	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
O20	256	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
O21	257	8.48E-01	1.33E+00	2.65E-01	1.19E+00	8.23E-01	5.44E-03	2.27E-03	4.99E-03
O24	258	3.95E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
O6	259	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
O7	260	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
O8	261	5.82E-01	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04
P10	262	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
P11	263	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
P12	264	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
P14	265	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
P15	266	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
P16	267	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
P17	268	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
P21	269	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
P22	270	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
P23	271	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
P7	272	3.93E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
P9	273	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
Q11	274	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
Q12	275	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
Q13	276	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
Q14	277	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
Q15	278	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Q16	279	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
Q17	280	8.48E-01	1.41E+00	2.82E-01	1.26E+00	8.75E-01	5.75E-03	2.40E-03	5.28E-03

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
Q18	281	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Q19	282	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
Q21	283	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
Q22	284	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Q23	285	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
Q24	286	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
Q25	287	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
Q8	288	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
R10	289	9.37E-01	1.70E+00	3.39E-01	1.52E+00	1.05E+00	6.97E-03	2.91E-03	6.39E-03
R11	290	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
R12	291	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
R13	292	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
R14	293	8.48E-01	1.25E+00	2.49E-01	1.12E+00	7.72E-01	5.12E-03	2.14E-03	4.70E-03
R15	294	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
R18	295	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
R19	296	9.37E-01	1.78E+00	3.56E-01	1.60E+00	1.10E+00	7.28E-03	3.04E-03	6.68E-03
R20	297	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
R24	298	7.59E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
R25	299	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
R27	300	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
R7	301	3.93E-03	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
R8	302	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
R9	303	7.59E-01	8.76E-01	1.75E-01	7.85E-01	5.43E-01	3.59E-03	1.50E-03	3.29E-03
S11	304	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
S12	305	7.59E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
S13	306	1.03E+00	2.07E+00	4.13E-01	1.86E+00	1.28E+00	8.50E-03	3.55E-03	7.80E-03
S14	307	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
S15	308	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
S16	309	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
S17	310	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
S18	311	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
S21	312	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
S22	313	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03
S23	314	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
S25	315	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
S26	316	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
T13	317	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
T14	318	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
T16	319	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
T17	320	1.03E+00	2.24E+00	4.46E-01	2.00E+00	1.39E+00	9.13E-03	3.81E-03	8.38E-03
T19	321	8.48E-01	1.30E+00	2.59E-01	1.16E+00	8.04E-01	5.34E-03	2.23E-03	4.89E-03
T20	322	7.59E-01	9.58E-01	1.91E-01	8.59E-01	5.94E-01	3.91E-03	1.63E-03	3.59E-03
T23	323	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
T24	324	7.59E-01	7.42E-01	1.48E-01	6.64E-01	4.59E-01	3.06E-03	1.28E-03	2.81E-03
T28	325	9.26E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
T7	326	9.26E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
T9	327	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
U11	328	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
U12	329	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
U13	330	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
U14	331	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
U15	332	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
U16	333	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
U17	334	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
U18	335	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
U20	336	8.48E-01	1.36E+00	2.72E-01	1.22E+00	8.43E-01	5.54E-03	2.31E-03	5.08E-03

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
U21	337	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
U22	338	9.37E-01	1.78E+00	3.56E-01	1.60E+00	1.10E+00	7.28E-03	3.04E-03	6.68E-03
U23	339	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
U25	340	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
U27	341	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
U8	342	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
V10	343	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
V11	344	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
V14	345	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
V15	346	1.03E+00	2.29E+00	4.57E-01	2.05E+00	1.42E+00	9.34E-03	3.90E-03	8.58E-03
V16	347	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
V17	348	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
V18	349	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
V19	350	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
V20	351	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
V22	352	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
V23	353	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
V25	354	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
V26	355	9.37E-01	1.78E+00	3.56E-01	1.60E+00	1.10E+00	7.28E-03	3.04E-03	6.68E-03
V29	356	9.26E-02	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
W11	357	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
W12	358	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
W13	359	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
W16	360	6.71E-01	4.23E-01	8.44E-02	3.79E-01	2.62E-01	1.75E-03	7.27E-04	1.60E-03
W19	361	6.71E-01	5.57E-01	1.11E-01	4.99E-01	3.45E-01	2.28E-03	9.50E-04	2.09E-03
W20	362	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
W21	363	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
W22	364	9.37E-01	1.65E+00	3.29E-01	1.48E+00	1.02E+00	6.75E-03	2.82E-03	6.20E-03
W23	365	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
W24	366	6.71E-01	5.05E-01	1.01E-01	4.53E-01	3.13E-01	2.06E-03	8.61E-04	1.89E-03
W25	367	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
W26	368	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
W27	369	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
X15	370	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
X16	371	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
X17	372	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
X18	373	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
X20	374	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
X21	375	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
X22	376	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
X24	377	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
X28	378	7.59E-01	8.45E-01	1.69E-01	7.57E-01	5.24E-01	3.49E-03	1.45E-03	3.20E-03
X30	379	9.26E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
X33	380	8.91E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
Y12	381	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Y14	382	2.70E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
Y15	383	2.70E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
Y17	384	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
Y18	385	1.11E+00	2.47E+00	4.94E-01	2.21E+00	1.53E+00	1.01E-02	4.23E-03	9.29E-03
Y20	386	7.59E-01	8.24E-01	1.65E-01	7.38E-01	5.10E-01	3.38E-03	1.41E-03	3.10E-03
Y21	387	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Y22	388	1.03E+00	2.21E+00	4.40E-01	1.98E+00	1.37E+00	9.03E-03	3.77E-03	8.28E-03
Y23	389	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
Y26	390	8.48E-01	1.19E+00	2.39E-01	1.07E+00	7.40E-01	4.91E-03	2.05E-03	4.50E-03
Y27	391	7.59E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
Y28	392	9.37E-01	1.78E+00	3.56E-01	1.60E+00	1.10E+00	7.28E-03	3.04E-03	6.68E-03

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Total Annual Emissions, lb/yr							
		DPM	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	9901	71432	100414	108883	1330207	91203	7664417	7783064
Y30	393	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Y31	394	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Z15	395	9.26E-02	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
Z16	396	1.81E-01	9.07E-01	1.81E-01	8.12E-01	5.62E-01	3.69E-03	1.54E-03	3.39E-03
Z17	397	9.26E-02	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Z18	398	8.48E-01	1.33E+00	2.65E-01	1.19E+00	8.23E-01	5.44E-03	2.27E-03	4.99E-03
Z19	399	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Z20	400	6.71E-01	3.71E-01	7.40E-02	3.32E-01	2.30E-01	1.53E-03	6.38E-04	1.40E-03
Z22	401	7.59E-01	7.42E-01	1.48E-01	6.64E-01	4.59E-01	3.06E-03	1.28E-03	2.81E-03
Z23	402	5.82E-01	5.18E-02	1.04E-02	4.65E-02	3.22E-02	2.15E-04	8.94E-05	1.97E-04
Z24	403	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
Z25	404	8.48E-01	1.28E+00	2.55E-01	1.14E+00	7.91E-01	5.22E-03	2.18E-03	4.79E-03
Z29	405	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Z30	406	6.71E-01	4.53E-01	9.05E-02	4.06E-01	2.81E-01	1.85E-03	7.72E-04	1.69E-03
Z31	407	5.82E-01	1.04E-01	2.07E-02	9.30E-02	6.44E-02	4.29E-04	1.79E-04	3.93E-04
Totals									

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AA18	1	7.43E-05	1.49E-05	6.66E-05	4.61E-05	2.99E-07	1.25E-07	2.75E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AA20	2	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AA23	3	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AA25	4	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AA26	5	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AA27	6	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AA31	7	8.02E-05	1.61E-05	7.19E-05	4.98E-05	3.23E-07	1.35E-07	2.97E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AB17	8	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AB21	9	3.28E-05	6.56E-06	2.94E-05	2.03E-05	1.33E-07	5.55E-08	1.22E-07	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AB22	10	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AB23	11	7.08E-05	1.42E-05	6.35E-05	4.40E-05	2.87E-07	1.20E-07	2.64E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AB24	12	5.93E-05	1.19E-05	5.32E-05	3.68E-05	2.39E-07	1.00E-07	2.20E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AB25	13	7.43E-05	1.49E-05	6.66E-05	4.61E-05	2.99E-07	1.25E-07	2.75E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AB26	14	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AB27	15	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AB29	16	9.53E-05	1.91E-05	8.54E-05	5.91E-05	3.82E-07	1.60E-07	3.51E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AC20	17	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC22	18	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC27	19	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC30	20	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AC32	21	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AD20	22	2.90E-05	5.79E-06	2.60E-05	1.80E-05	1.20E-07	4.99E-08	1.10E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AD21	23	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AD23	24	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AD25	25	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AD29	26	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AD31	27	9.77E-05	1.95E-05	8.76E-05	6.06E-05	3.95E-07	1.65E-07	3.63E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AD32	28	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE21	29	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE23	30	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AE24	31	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE25	32	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE28	33	5.93E-05	1.19E-05	5.32E-05	3.68E-05	2.39E-07	1.00E-07	2.20E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AE29	34	2.90E-05	5.79E-06	2.60E-05	1.80E-05	1.20E-07	4.99E-08	1.10E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE30	35	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE31	36	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AE32	37	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AE33	38	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE34	39	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE35	40	1.18E-04	2.37E-05	1.06E-04	7.34E-05	4.77E-07	2.00E-07	4.39E-07	2.16E-04	4.30E-05	1.93E-04	1.33E-04	8.90E-07	3.71E-07	8.16E-07
AE37	41	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AE45	42	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AF34	43	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AF35	44	2.90E-05	5.79E-06	2.60E-05	1.80E-05	1.20E-07	4.99E-08	1.10E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AF36	45	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AF42	46	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG21	48	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AG22	49	7.08E-05	1.42E-05	6.35E-05	4.40E-05	2.87E-07	1.20E-07	2.64E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AG27	50	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG28	51	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AG31	52	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AG35	53	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG37	54	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AG41	55	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AH20	57	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AH22	58	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH24	59	6.49E-05	1.30E-05	5.82E-05	4.03E-05	2.63E-07	1.10E-07	2.41E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AH25	60	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH27	61	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH28	62	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH29	63	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH32	64	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AH33	65	8.58E-05	1.72E-05	7.70E-05	5.33E-05	3.46E-07	1.45E-07	3.18E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AH35	66	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AH37	68	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AH39	69	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AI22	70	4.99E-05	9.98E-06	4.47E-05	3.10E-05	2.03E-07	8.50E-08	1.87E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AI24	71	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI25	72	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AI26	73	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AI27	74	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI28	75	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI31	76	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI33	77	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI35	78	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AI37	79	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AJ25	81	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ27	83	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ28	84	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ29	85	2.30E-05	4.61E-06	2.07E-05	1.43E-05	9.53E-08	3.97E-08	8.74E-08	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AJ30	86	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AJ33	88	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ36	89	9.18E-05	1.84E-05	8.23E-05	5.70E-05	3.71E-07	1.55E-07	3.41E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AJ37	90	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AJ38	91	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AJ40	92	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AK20	93	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK26	95	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK27	96	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK29	97	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AK31	98	6.87E-05	1.37E-05	6.16E-05	4.27E-05	2.75E-07	1.16E-07	2.53E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AK34	99	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AK39	100	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AK40	101	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AL30	102	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AL32	103	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AL36	104	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AL37	105	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AL38	106	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AL39	107	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AL40	108	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM28	109	5.02E-05	1.00E-05	4.50E-05	3.12E-05	2.05E-07	8.56E-08	1.88E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM30	110	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM31	111	2.30E-05	4.61E-06	2.07E-05	1.43E-05	9.53E-08	3.97E-08	8.74E-08	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM32	112	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
AM33	113	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM34	114	5.02E-05	1.00E-05	4.50E-05	3.12E-05	2.05E-07	8.56E-08	1.88E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM35	115	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AM37	116	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AM38	117	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM39	118	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AM40	119	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN29	120	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN32	121	5.93E-05	1.19E-05	5.32E-05	3.68E-05	2.39E-07	1.00E-07	2.20E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AN33	122	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN34	123	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN36	124	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AN37	125	5.93E-05	1.19E-05	5.32E-05	3.68E-05	2.39E-07	1.00E-07	2.20E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AN38	126	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AN39	127	7.43E-05	1.49E-05	6.66E-05	4.61E-05	2.99E-07	1.25E-07	2.75E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AN44	128	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO28	129	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO30	130	2.30E-05	4.61E-06	2.07E-05	1.43E-05	9.53E-08	3.97E-08	8.74E-08	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AO32	131	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO33	132	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AO37	134	5.93E-05	1.19E-05	5.32E-05	3.68E-05	2.39E-07	1.00E-07	2.20E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AO38	135	6.49E-05	1.30E-05	5.82E-05	4.03E-05	2.63E-07	1.10E-07	2.41E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AO39	136	5.96E-05	1.19E-05	5.35E-05	3.70E-05	2.41E-07	1.01E-07	2.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AO40	137	2.08E-04	4.17E-05	1.87E-04	1.29E-04	8.38E-07	3.51E-07	7.70E-07	3.08E-04	6.14E-05	2.76E-04	1.91E-04	1.27E-06	5.30E-07	1.17E-06
AO41	138	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO42	139	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AO44	140	6.87E-05	1.37E-05	6.16E-05	4.27E-05	2.75E-07	1.16E-07	2.53E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AP32	141	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP33	142	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP36	143	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP37	144	6.87E-05	1.37E-05	6.16E-05	4.27E-05	2.75E-07	1.16E-07	2.53E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AP38	145	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP39	146	9.80E-05	1.96E-05	8.79E-05	6.08E-05	3.97E-07	1.66E-07	3.64E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AP40	147	2.30E-04	4.59E-05	2.06E-04	1.42E-04	9.32E-07	3.90E-07	8.56E-07	4.31E-04	8.60E-05	3.86E-04	2.67E-04	1.78E-06	7.41E-07	1.63E-06
AP41	148	6.49E-05	1.30E-05	5.82E-05	4.03E-05	2.63E-07	1.10E-07	2.41E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AP42	149	1.05E-04	2.09E-05	9.38E-05	6.50E-05	4.18E-07	1.76E-07	3.85E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
AP43	150	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AP47	151	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AQ31	152	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ33	153	3.87E-05	7.74E-06	3.47E-05	2.40E-05	1.57E-07	6.57E-08	1.44E-07	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ34	154	9.39E-05	1.88E-05	8.41E-05	5.83E-05	3.82E-07	1.60E-07	3.51E-07	1.85E-04	3.69E-05	1.66E-04	1.14E-04	7.63E-07	3.18E-07	6.99E-07
AQ36	155	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ38	156	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AQ39	157	3.28E-05	6.56E-06	2.94E-05	2.03E-05	1.33E-07	5.55E-08	1.22E-07	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ40	158	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
AQ41	159	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AQ43	160	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AQ44	161	6.49E-05	1.30E-05	5.82E-05	4.03E-05	2.63E-07	1.10E-07	2.41E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
AQ45	162	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
AR38	163	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
AR42	164	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
B5	165	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
B9	166	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	1.18E-05	2.37E-06	1.06E-05	7.35E-06	4.90E-08	2.04E-08	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
D7	169	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
E10	171	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
E12	172	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
E9	174	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
F15	175	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
F6	178	6.87E-05	1.37E-05	6.16E-05	4.27E-05	2.75E-07	1.16E-07	2.53E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
F9	179	3.28E-05	6.56E-06	2.94E-05	2.03E-05	1.33E-07	5.55E-08	1.22E-07	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
G10	180	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	1.78E-05	3.55E-06	1.59E-05	1.10E-05	7.35E-08	3.06E-08	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
G6	184	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H10	185	8.37E-05	1.68E-05	7.51E-05	5.20E-05	3.35E-07	1.40E-07	3.08E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
H11	186	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H13	187	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
H15	188	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H16	189	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
H5	190	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
H8	192	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
H9	193	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I11	194	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
I13	195	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I14	196	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I15	197	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I16	198	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
I6	200	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
I8	201	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
J10	202	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J11	203	4.99E-05	9.98E-06	4.47E-05	3.10E-05	2.03E-07	8.50E-08	1.87E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
J12	204	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J14	205	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J17	206	2.30E-05	4.61E-06	2.07E-05	1.43E-05	9.53E-08	3.97E-08	8.74E-08	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
J18	207	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J5	209	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J8	210	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
J9	211	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
K10	212	4.43E-05	8.86E-06	3.97E-05	2.75E-05	1.80E-07	7.54E-08	1.66E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
K11	213	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
K12	214	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K15	216	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K16	217	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K6	218	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
K9	219	3.28E-05	6.56E-06	2.94E-05	2.03E-05	1.33E-07	5.55E-08	1.22E-07	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L11	220	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L13	222	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L15	223	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L16	224	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
L18	225	2.30E-05	4.61E-06	2.07E-05	1.43E-05	9.53E-08	3.97E-08	8.74E-08	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
L19	226	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L20	227	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
L21	228	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
L7	229	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	1.18E-05	2.37E-06	1.06E-05	7.35E-06	4.90E-08	2.04E-08	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M11	232	1.16E-04	2.32E-05	1.04E-04	7.21E-05	4.66E-07	1.95E-07	4.28E-07	1.85E-04	3.69E-05	1.66E-04	1.14E-04	7.63E-07	3.18E-07	6.99E-07
M13	233	7.08E-05	1.42E-05	6.35E-05	4.40E-05	2.87E-07	1.20E-07	2.64E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
M15	234	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
M6	235	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M7	236	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M8	237	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
M9	238	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N10	239	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N11	240	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N12	241	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N13	242	1.07E-04	2.14E-05	9.60E-05	6.65E-05	4.31E-07	1.81E-07	3.96E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
N14	243	1.78E-05	3.55E-06	1.59E-05	1.10E-05	7.35E-08	3.06E-08	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N17	245	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N18	246	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
N22	247	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N8	248	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
N9	249	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O12	250	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O14	251	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O17	253	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
O18	254	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
O20	256	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O21	257	5.93E-05	1.19E-05	5.32E-05	3.68E-05	2.39E-07	1.00E-07	2.20E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
O24	258	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O7	260	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
O8	261	1.18E-05	2.37E-06	1.06E-05	7.35E-06	4.90E-08	2.04E-08	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P11	263	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
P12	264	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P14	265	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
P15	266	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
P16	267	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P17	268	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P21	269	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P22	270	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P23	271	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
P7	272	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q11	274	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q12	275	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Q13	276	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Q14	277	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q15	278	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q16	279	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Q17	280	6.87E-05	1.37E-05	6.16E-05	4.27E-05	2.75E-07	1.16E-07	2.53E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Q18	281	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q19	282	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Q21	283	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Q22	284	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q23	285	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q25	287	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Q8	288	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R10	289	7.08E-05	1.42E-05	6.35E-05	4.40E-05	2.87E-07	1.20E-07	2.64E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
R11	290	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R12	291	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R13	292	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
R14	293	4.99E-05	9.98E-06	4.47E-05	3.10E-05	2.03E-07	8.50E-08	1.87E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
R15	294	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R18	295	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
R19	296	8.02E-05	1.61E-05	7.19E-05	4.98E-05	3.23E-07	1.35E-07	2.97E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
R20	297	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R24	298	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
R25	299	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R27	300	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
R7	301	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
R9	303	3.84E-05	7.68E-06	3.44E-05	2.38E-05	1.56E-07	6.52E-08	1.43E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
S11	304	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
S12	305	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
S13	306	8.23E-05	1.65E-05	7.38E-05	5.11E-05	3.35E-07	1.40E-07	3.07E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
S14	307	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
S15	308	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
S17	310	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
S18	311	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
S22	313	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
S23	314	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
S25	315	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T13	317	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T14	318	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T16	319	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T17	320	1.01E-04	2.02E-05	9.07E-05	6.28E-05	4.07E-07	1.71E-07	3.74E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
T19	321	5.58E-05	1.12E-05	5.00E-05	3.46E-05	2.28E-07	9.52E-08	2.09E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
T20	322	4.78E-05	9.56E-06	4.28E-05	2.97E-05	1.92E-07	8.05E-08	1.76E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
T23	323	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T24	324	2.30E-05	4.61E-06	2.07E-05	1.43E-05	9.53E-08	3.97E-08	8.74E-08	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
T28	325	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T7	326	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
T9	327	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U13	330	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U14	331	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
U16	333	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U17	334	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U18	335	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	6.28E-05	1.26E-05	5.63E-05	3.90E-05	2.51E-07	1.05E-07	2.31E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
U21	337	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U22	338	8.02E-05	1.61E-05	7.19E-05	4.98E-05	3.23E-07	1.35E-07	2.97E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
U23	339	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U25	340	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U27	341	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
U8	342	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
V14	345	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V15	346	1.07E-04	2.14E-05	9.60E-05	6.65E-05	4.31E-07	1.81E-07	3.96E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
V16	347	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V17	348	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
V18	349	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
V19	350	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V20	351	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V22	352	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V23	353	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V25	354	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
V26	355	8.02E-05	1.61E-05	7.19E-05	4.98E-05	3.23E-07	1.35E-07	2.97E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
V29	356	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W11	357	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W13	359	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W16	360	1.74E-05	3.49E-06	1.56E-05	1.08E-05	7.21E-08	3.01E-08	6.61E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W19	361	3.28E-05	6.56E-06	2.94E-05	2.03E-05	1.33E-07	5.55E-08	1.22E-07	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W20	362	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W21	363	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
W22	364	6.49E-05	1.30E-05	5.82E-05	4.03E-05	2.63E-07	1.10E-07	2.41E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07
W23	365	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
W24	366	2.69E-05	5.37E-06	2.41E-05	1.67E-05	1.08E-07	4.53E-08	9.94E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
W25	367	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
W26	368	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
W27	369	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X16	371	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
X17	372	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X20	374	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X21	375	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X22	376	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X28	378	3.49E-05	6.98E-06	3.13E-05	2.16E-05	1.44E-07	6.01E-08	1.32E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
X30	379	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
X33	380	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y12	381	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y14	382	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Y15	383	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Y17	384	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Y18	385	9.74E-05	1.95E-05	8.73E-05	6.04E-05	3.94E-07	1.65E-07	3.62E-07	1.85E-04	3.69E-05	1.66E-04	1.14E-04	7.63E-07	3.18E-07	6.99E-07
Y20	386	3.25E-05	6.49E-06	2.91E-05	2.01E-05	1.31E-07	5.50E-08	1.21E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Y21	387	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y22	388	9.77E-05	1.95E-05	8.76E-05	6.06E-05	3.95E-07	1.65E-07	3.63E-07	1.54E-04	3.07E-05	1.38E-04	9.53E-05	6.36E-07	2.65E-07	5.83E-07
Y23	389	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	4.40E-05	8.80E-06	3.94E-05	2.73E-05	1.79E-07	7.48E-08	1.64E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Y27	391	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Y28	392	8.02E-05	1.61E-05	7.19E-05	4.98E-05	3.23E-07	1.35E-07	2.97E-07	1.23E-04	2.46E-05	1.10E-04	7.63E-05	5.08E-07	2.12E-07	4.66E-07

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Fugitives Well - peak hour lb/hr							Fugitives Field - peak hour lb/hr						
		Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide	Benzene	Ethyl benzene	Toluene	Xylenes	PAHs [PAH, POM]	Ammonia	Hydrogen sulfide
Descr	Grid ID	71432	100414	108883	1330207	91203	7664417	7783064	71432	100414	108883	1330207	91203	7664417	7783064
Y30	393	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Y31	394	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z15	395	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z16	396	4.19E-05	8.38E-06	3.75E-05	2.60E-05	1.67E-07	7.02E-08	1.54E-07	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Z17	397	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z18	398	5.93E-05	1.19E-05	5.32E-05	3.68E-05	2.39E-07	1.00E-07	2.20E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Z19	399	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z20	400	1.15E-05	2.30E-06	1.03E-05	7.15E-06	4.77E-08	1.99E-08	4.37E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z22	401	2.30E-05	4.61E-06	2.07E-05	1.43E-05	9.53E-08	3.97E-08	8.74E-08	6.16E-05	1.23E-05	5.52E-05	3.81E-05	2.54E-07	1.06E-07	2.33E-07
Z23	402	5.92E-06	1.18E-06	5.31E-06	3.67E-06	2.45E-08	1.02E-08	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Z25	404	5.34E-05	1.07E-05	4.79E-05	3.31E-05	2.15E-07	9.01E-08	1.98E-07	9.24E-05	1.84E-05	8.28E-05	5.72E-05	3.81E-07	1.59E-07	3.50E-07
Z29	405	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z30	406	2.09E-05	4.19E-06	1.88E-05	1.30E-05	8.36E-08	3.51E-08	7.69E-08	3.08E-05	6.14E-06	2.76E-05	1.91E-05	1.27E-07	5.30E-08	1.17E-07
Z31	407	1.18E-05	2.37E-06	1.06E-05	7.35E-06	4.90E-08	2.04E-08	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals															

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AA20	2	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AA23	3	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AA25	4	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AA26	5	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AA27	6	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AA31	7	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AB17	8	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AB21	9	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AB22	10	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AB23	11	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AB24	12	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AB25	13	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AB26	14	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AB27	15	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AB29	16	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
AC20	17	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AC22	18	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AC27	19	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AC30	20	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AC32	21	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AD20	22	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AD21	23	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AD23	24	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AD25	25	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AD29	26	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AD31	27	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
AD32	28	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AE21	29	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AE23	30	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AE24	31	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AE25	32	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AE28	33	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AE29	34	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AE30	35	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AE31	36	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AE32	37	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AE33	38	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AE34	39	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AE35	40	1.34E-05	2.07E-04	4.14E-04	4.47E-05	1.88E-04	4.73E-06	2.61E-06	5.22E-05	8.13E-06	2.53E-05	6.45E-06	1.02E-05	1.99E-06	7.44E-07	4.80E-07	9.36E-07	3.84E-07	3.60E-07	9.84E-07	4.47E-05	4.64E-03	5.28E-07	2.40E-08
AE37	41	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AE45	42	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AF34	43	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AF35	44	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AF36	45	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AF42	46	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG20	47	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AG21	48	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AG22	49	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AG27	50	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AG28	51	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AG31	52	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AG35	53	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AG37	54	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AG41	55	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG43	56	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AH22	58	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AH24	59	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AH25	60	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AH27	61	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AH28	62	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AH29	63	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AH32	64	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AH33	65	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
AH35	66	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH36	67	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AH37	68	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AH39	69	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AI22	70	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AI24	71	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AI25	72	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AI26	73	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AI27	74	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AI28	75	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AI31	76	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AI33	77	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AI35	78	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AI37	79	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ22	80	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AJ25	81	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ26	82	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AJ27	83	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AJ28	84	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AJ29	85	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AJ30	86	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ31	87	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AJ33	88	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AJ36	89	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
AJ37	90	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AJ38	91	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AJ40	92	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AK26	95	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AK27	96	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AK29	97	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AK31	98	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AK34	99	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AK39	100	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AK40	101	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AL30	102	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AL32	103	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AL36	104	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AL37	105	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AL38	106	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AL39	107	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AL40	108	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AM28	109	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AM30	110	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AM31	111	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AM32	112	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AM34	114	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AM35	115	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AM37	116	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AM38	117	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AM39	118	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AM40	119	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AN29	120	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AN32	121	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AN33	122	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AN34	123	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AN36	124	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AN37	125	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AN38	126	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AN39	127	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AN44	128	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AO28	129	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AO30	130	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AO32	131	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AO33	132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO35	133	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AO37	134	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AO38	135	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AO39	136	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AO40	137	1.92E-05	2.96E-04	5.92E-04	6.38E-05	2.68E-04	6.75E-06	3.74E-06	7.45E-05	1.16E-05	3.61E-05	9.22E-06	1.45E-05	2.84E-06	1.06E-06	6.85E-07	1.34E-06	5.48E-07	5.14E-07	1.41E-06	6.38E-05	6.63E-03	7.54E-07	3.43E-08
AO41	138	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AO42	139	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AO44	140	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AP32	141	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AP33	142	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AP36	143	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AP37	144	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AP38	145	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AP39	146	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AP40	147	2.68E-05	4.14E-04	8.28E-04	8.94E-05	3.76E-04	9.45E-06	5.23E-06	1.04E-04	1.63E-05	5.06E-05	1.29E-05	2.03E-05	3.98E-06	1.49E-06	9.60E-07	1.87E-06	7.68E-07	7.20E-07	1.97E-06	8.94E-05	9.28E-03	1.06E-06	4.80E-08
AP41	148	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AP42	149	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
AP43	150	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AP47	151	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AQ31	152	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AQ33	153	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AQ34	154	1.15E-05	1.77E-04	3.55E-04	3.83E-05	1.61E-04	4.05E-06	2.24E-06	4.47E-05	6.97E-06	2.17E-05	5.53E-06	8.72E-06	1.71E-06	6.37E-07	4.11E-07	8.02E-07	3.29E-07	3.08E-07	8.43E-07	3.83E-05	3.98E-03	4.52E-07	2.06E-08
AQ36	155	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AQ38	156	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AQ39	157	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AQ40	158	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
AQ41	159	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AQ43	160	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AQ44	161	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
AQ45	162	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
AR38	163	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
AR42	164	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
B5	165	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
E10	171	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
E9	174	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
F15	175	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
F6	178	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
F9	179	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
G10	180	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G11	181	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G12	182	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G13	183	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
G6	184	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
H10	185	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
H11	186	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
H13	187	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
H15	188	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
H16	189	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
H8	192	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
H9	193	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
I11	194	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
I13	195	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
I14	196	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
I15	197	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
I16	198	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I17	199	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
I6	200	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
I8	201	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
J10	202	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
J11	203	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
J12	204	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
J14	205	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
J17	206	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
J18	207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J3	208	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
J5	209	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
J8	210	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
J9	211	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
K10	212	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
K11	213	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
K12	214	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
K14	215	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
K15	216	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
K16	217	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
K6	218	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
K9	219	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
L11	220	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L12	221	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
L13	222	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
L15	223	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
L16	224	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
L19	226	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
L20	227	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
L21	228	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
L7	229	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
L9	230	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M10	231	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
M11	232	1.15E-05	1.77E-04	3.55E-04	3.83E-05	1.61E-04	4.05E-06	2.24E-06	4.47E-05	6.97E-06	2.17E-05	5.53E-06	8.72E-06	1.71E-06	6.37E-07	4.11E-07	8.02E-07	3.29E-07	3.08E-07	8.43E-07	3.83E-05	3.98E-03	4.52E-07	2.06E-08
M13	233	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
M15	234	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
M6	235	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
M7	236	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
M8	237	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
M9	238	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N10	239	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N11	240	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N12	241	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N13	242	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
N14	243	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
N15	244	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N17	245	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N18	246	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
N22	247	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N8	248	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
N9	249	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
O12	250	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
O14	251	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O16	252	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
O17	253	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
O18	254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O19	255	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
O20	256	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
O21	257	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
O7	260	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
O8	261	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P10	262	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
P11	263	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
P12	264	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
P14	265	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
P15	266	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
P16	267	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
P17	268	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
P21	269	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
P22	270	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
P23	271	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q11	274	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q12	275	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Q13	276	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Q14	277	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q15	278	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q16	279	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Q17	280	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q19	282	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Q21	283	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Q22	284	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q23	285	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q24	286	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q25	287	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Q8	288	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
R10	289	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
R11	290	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
R12	291	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
R13	292	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
R14	293	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
R15	294	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
R18	295	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
R19	296	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
R20	297	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
R24	298	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
R25	299	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
R27	300	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
R9	303	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
S11	304	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
S12	305	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
S13	306	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
S14	307	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
S15	308	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S16	309	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
S17	310	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
S18	311	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S21	312	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
S22	313	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
S23	314	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
S25	315	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
S26	316	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
T13	317	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
T14	318	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
T16	319	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
T17	320	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
T19	321	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
T20	322	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
T23	323	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
T24	324	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
T28	325	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
T7	326	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
T9	327	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U11	328	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U12	329	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U13	330	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U14	331	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U15	332	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
U16	333	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U17	334	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U18	335	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
U20	336	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U22	338	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
U23	339	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U25	340	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U27	341	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
U8	342	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V10	343	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
V11	344	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
V14	345	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
V15	346	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
V16	347	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
V17	348	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
V18	349	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
V19	350	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
V20	351	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
V22	352	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
V23	353	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
V25	354	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
V26	355	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
V29	356	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
W11	357	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W12	358	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
W13	359	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
W16	360	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
W19	361	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
W20	362	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
W21	363	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
W22	364	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08
W23	365	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
W24	366	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
W25	367	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
W26	368	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
W27	369	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X15	370	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
X16	371	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
X17	372	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X18	373	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
X20	374	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
X21	375	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
X22	376	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X24	377	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
X28	378	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
X30	379	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
X33	380	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Y12	381	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Y14	382	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Y15	383	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Y17	384	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Y18	385	1.15E-05	1.77E-04	3.55E-04	3.83E-05	1.61E-04	4.05E-06	2.24E-06	4.47E-05	6.97E-06	2.17E-05	5.53E-06	8.72E-06	1.71E-06	6.37E-07	4.11E-07	8.02E-07	3.29E-07	3.08E-07	8.43E-07	3.83E-05	3.98E-03	4.52E-07	2.06E-08
Y20	386	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Y21	387	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Y22	388	9.58E-06	1.48E-04	2.96E-04	3.19E-05	1.34E-04	3.38E-06	1.87E-06	3.73E-05	5.81E-06	1.81E-05	4.61E-06	7.26E-06	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	1.71E-08
Y23	389	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y26	390	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Y27	391	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Y28	392	7.66E-06	1.18E-04	2.37E-04	2.55E-05	1.07E-04	2.70E-06	1.49E-06	2.98E-05	4.65E-06	1.44E-05	3.69E-06	5.81E-06	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	1.37E-08

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Workovers - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	**Grid ID**	**1151**	**9901**	**50000**	**71432**	**75070**	**91203**	**100414**	**106990**	**107028**	**108883**	**110543**	**1330207**	**7439921**	**7439965**	**7439976**	**7440020**	**7440382**	**7440439**	**7440508**	**7647010**	**7664417**	**7782492**	**18540299**
Y30	393	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Y31	394	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Z15	395	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Z16	396	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Z17	397	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Z18	398	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Z19	399	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Z20	400	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Z22	401	3.83E-06	5.91E-05	1.18E-04	1.28E-05	5.37E-05	1.35E-06	7.47E-07	1.49E-05	2.32E-06	7.22E-06	1.84E-06	2.91E-06	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	6.85E-09
Z23	402	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z24	403	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Z25	404	5.75E-06	8.87E-05	1.77E-04	1.92E-05	8.05E-05	2.03E-06	1.12E-06	2.24E-05	3.49E-06	1.08E-05	2.77E-06	4.36E-06	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	1.03E-08
Z29	405	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Z30	406	1.92E-06	2.96E-05	5.92E-05	6.38E-06	2.68E-05	6.75E-07	3.74E-07	7.45E-06	1.16E-06	3.61E-06	9.22E-07	1.45E-06	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	3.43E-09
Z31	407	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Totals																								

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AA20	2	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AA23	3	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AA25	4	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AA26	5	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AA27	6	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AA31	7	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB17	8	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AB21	9	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB22	10	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB23	11	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB24	12	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB25	13	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB26	14	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB27	15	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AB29	16	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AC20	17	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AC22	18	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AC27	19	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AC30	20	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AC32	21	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AD20	22	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD21	23	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AD23	24	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AD25	25	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AD29	26	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AD31	27	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AD32	28	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE21	29	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE23	30	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE24	31	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE25	32	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE28	33	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE29	34	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE30	35	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE31	36	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE32	37	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE33	38	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE34	39	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE35	40	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE37	41	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AE45	42	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AF34	43	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AF35	44	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AF36	45	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AF42	46	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG20	47	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG21	48	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AG22	49	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG27	50	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG28	51	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG31	52	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG35	53	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG37	54	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG41	55	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AG43	56	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AH22	58	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH24	59	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH25	60	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH27	61	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH28	62	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH29	63	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH32	64	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH33	65	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH35	66	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH36	67	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH37	68	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AH39	69	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI22	70	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI24	71	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI25	72	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI26	73	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI27	74	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI28	75	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI31	76	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI33	77	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI35	78	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AI37	79	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ22	80	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AJ25	81	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ26	82	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ27	83	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ28	84	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ29	85	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ30	86	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ31	87	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ33	88	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ36	89	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ37	90	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ38	91	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AJ40	92	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK20	93	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK23	94	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK26	95	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK27	96	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK29	97	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AK31	98	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AK34	99	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AK39	100	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AK40	101	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AL30	102	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AL32	103	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AL36	104	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AL37	105	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AL38	106	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AL39	107	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AL40	108	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM28	109	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM30	110	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AM31	111	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AM32	112	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AM34	114	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AM35	115	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AM37	116	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AM38	117	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AM39	118	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AM40	119	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN29	120	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AN32	121	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN33	122	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN34	123	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN36	124	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN37	125	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN38	126	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN39	127	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AN44	128	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO28	129	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO30	130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO32	131	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AO33	132	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO35	133	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO37	134	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO38	135	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO39	136	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO40	137	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO41	138	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO42	139	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AO44	140	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AP32	141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP33	142	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP36	143	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP37	144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AP38	145	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AP39	146	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AP40	147	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AP41	148	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AP42	149	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AP43	150	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AP47	151	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ31	152	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ33	153	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ34	154	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ36	155	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ38	156	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ39	157	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ40	158	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ41	159	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AQ43	160	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AQ44	161	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
AQ45	162	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR38	163	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
AR42	164	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B5	165	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
B9	166	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D13	167	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D14	168	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
D9	170	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E10	171	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
E12	172	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E8	173	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
E9	174	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F15	175	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
F16	176	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F5	177	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F6	178	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
F9	179	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
G10	180	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
G11	181	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
G12	182	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
G13	183	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
G6	184	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H10	185	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
H11	186	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
H13	187	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
H15	188	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
H16	189	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
H5	190	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H7	191	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
H8	192	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
H9	193	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I11	194	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I13	195	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I14	196	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I15	197	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I16	198	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I17	199	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I6	200	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
I8	201	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J10	202	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J11	203	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J12	204	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J14	205	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J17	206	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J18	207	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J3	208	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
J5	209	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J8	210	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
J9	211	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K10	212	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K11	213	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K12	214	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K14	215	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K15	216	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K16	217	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K6	218	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
K9	219	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L11	220	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L12	221	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L13	222	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L15	223	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L16	224	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L19	226	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L20	227	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L21	228	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L7	229	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
L9	230	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
M10	231	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
M11	232	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
M13	233	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
M15	234	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
M6	235	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
M7	236	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
M8	237	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
M9	238	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N10	239	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N11	240	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N12	241	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N13	242	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N14	243	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N15	244	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N17	245	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N18	246	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N22	247	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N8	248	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
N9	249	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O12	250	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O14	251	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O16	252	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O17	253	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O18	254	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O19	255	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O20	256	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O21	257	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
O24	258	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O6	259	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O7	260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
O8	261	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P10	262	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P11	263	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P12	264	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P14	265	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P15	266	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P16	267	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P17	268	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P21	269	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P22	270	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P23	271	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
P7	272	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
P9	273	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q11	274	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q12	275	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q13	276	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q14	277	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q15	278	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q16	279	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q17	280	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q19	282	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q21	283	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q22	284	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q23	285	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Q24	286	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q25	287	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Q8	288	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R10	289	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R11	290	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R12	291	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R13	292	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R14	293	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R15	294	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R18	295	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R19	296	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R20	297	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R24	298	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R25	299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R27	300	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R7	301	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
R8	302	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
R9	303	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S11	304	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S12	305	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S13	306	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S14	307	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S15	308	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S16	309	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S17	310	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S18	311	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S21	312	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S22	313	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S23	314	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S25	315	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
S26	316	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T13	317	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T14	318	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T16	319	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T17	320	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T19	321	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T20	322	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T23	323	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T24	324	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
T28	325	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T7	326	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
T9	327	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U11	328	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U12	329	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U13	330	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U14	331	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U15	332	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U16	333	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U17	334	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U18	335	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U20	336	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U22	338	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U23	339	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U25	340	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U27	341	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
U8	342	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V10	343	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V11	344	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V14	345	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V15	346	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V16	347	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V17	348	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V18	349	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V19	350	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V20	351	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V22	352	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V23	353	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V25	354	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V26	355	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
V29	356	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W11	357	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W12	358	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W13	359	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W16	360	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W19	361	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W20	362	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W21	363	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W22	364	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W23	365	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W24	366	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W25	367	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W26	368	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
W27	369	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X15	370	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X16	371	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X17	372	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X18	373	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X20	374	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X21	375	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X22	376	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X24	377	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X28	378	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
X30	379	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
X33	380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y12	381	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y14	382	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y15	383	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Y17	384	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y18	385	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y20	386	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y21	387	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y22	388	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y23	389	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y26	390	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y27	391	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y28	392	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Drilling - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	**Grid ID**	**1151**	**9901**	**50000**	**71432**	**75070**	**91203**	**100414**	**106990**	**107028**	**108883**	**110543**	**1330207**	**7439921**	**7439965**	**7439976**	**7440020**	**7440382**	**7440439**	**7440508**	**7647010**	**7664417**	**7782492**	**18540299**
Y30	393	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Y31	394	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z15	395	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z16	396	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z17	397	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Z18	398	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z19	399	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z20	400	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z22	401	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z23	402	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z24	403	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z25	404	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z29	405	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z30	406	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Z31	407	4.52E-07	5.24E-05	1.40E-05	1.51E-06	6.34E-06	1.59E-07	8.82E-08	1.76E-06	2.74E-07	8.53E-07	2.18E-07	3.43E-07	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	8.09E-10
Totals																								

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AA18	1	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA20	2	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA23	3	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA25	4	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA26	5	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA27	6	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AA31	7	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB17	8	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
AB21	9	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB22	10	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB23	11	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB24	12	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AB25	13	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB26	14	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB27	15	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AB29	16	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC20	17	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC22	18	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC27	19	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC30	20	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AC32	21	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD20	22	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD21	23	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD23	24	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD25	25	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD29	26	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD31	27	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AD32	28	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE21	29	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE23	30	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE24	31	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AE25	32	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE28	33	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE29	34	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE30	35	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE31	36	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE32	37	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE33	38	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AE34	39	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE35	40	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE37	41	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AE45	42	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF34	43	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF35	44	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF36	45	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AF42	46	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AG20	47	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG21	48	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG22	49	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG27	50	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG28	51	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG31	52	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG35	53	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG37	54	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG41	55	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AG43	56	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AH20	57	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH22	58	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH24	59	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
AH25	60	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH27	61	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH28	62	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH29	63	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH32	64	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH33	65	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
AH35	66	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH36	67	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH37	68	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AH39	69	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AI22	70	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI24	71	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AI25	72	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI26	73	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI27	74	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI28	75	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI31	76	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI33	77	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AI35	78	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AI37	79	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ22	80	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ25	81	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ26	82	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ27	83	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ28	84	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ29	85	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ30	86	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ31	87	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ33	88	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AJ36	89	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ37	90	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ38	91	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AJ40	92	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK20	93	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK23	94	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK26	95	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK27	96	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK29	97	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK31	98	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK34	99	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK39	100	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AK40	101	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL30	102	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL32	103	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL36	104	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL37	105	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL38	106	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL39	107	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AL40	108	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM28	109	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM30	110	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM31	111	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM32	112	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
AM33	113	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AM34	114	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM35	115	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM37	116	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM38	117	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM39	118	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AM40	119	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN29	120	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN32	121	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN33	122	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AN34	123	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN36	124	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN37	125	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN38	126	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN39	127	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AN44	128	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO28	129	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
AO30	130	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO32	131	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO33	132	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AO35	133	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO37	134	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO38	135	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO39	136	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO40	137	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO41	138	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AO42	139	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AO44	140	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP32	141	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP33	142	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AP36	143	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP37	144	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP38	145	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP39	146	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP40	147	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP41	148	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP42	149	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
AP43	150	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AP47	151	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.64E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
AQ31	152	7.53E-10	1.31E-07	2.33E-08	2.51E-09	1.06E-08	2.65E-10	1.47E-10	2.93E-09	4.57E-10	1.42E-09	3.62E-10	5.71E-10	1.12E-10	4.18E-11	2.69E-11	5.25E-11	2.16E-11	2.02E-11	5.52E-11	2.51E-09	3.91E-07	2.96E-11	1.35E-12
AQ33	153	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
AQ34	154	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ36	155	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ38	156	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ39	157	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ40	158	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ41	159	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ43	160	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ44	161	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AQ45	162	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
AR38	163	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
AR42	164	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
B5	165	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
B9	166	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
D13	167	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
D14	168	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																							
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
D7	169	7.53E-10	1.31E-07	2.33E-08	2.51E-09	1.06E-08	2.66E-10	1.47E-10	2.93E-09	4.57E-10	1.42E-09	3.63E-10	5.72E-10	1.12E-10	4.18E-11	2.70E-11	5.26E-11	2.16E-11	2.02E-11	5.53E-11	2.51E-09	3.91E-07	2.97E-11	1.35E-12
D9	170	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
E10	171	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
E12	172	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
E8	173	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
E9	174	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
F15	175	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
F16	176	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
F5	177	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
F6	178	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
F9	179	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G10	180	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G11	181	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G12	182	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G13	183	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
G6	184	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H10	185	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H11	186	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H13	187	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H15	188	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H16	189	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H5	190	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
H7	191	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H8	192	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
H9	193	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I11	194	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I13	195	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I14	196	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
I15	197	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I16	198	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I17	199	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I6	200	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
I8	201	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J10	202	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J11	203	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J12	204	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J14	205	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
J17	206	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J18	207	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J3	208	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
J5	209	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
J8	210	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
J9	211	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K10	212	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K11	213	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K12	214	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K14	215	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
K15	216	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K16	217	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K6	218	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
K9	219	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L11	220	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L12	221	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L13	222	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L15	223	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L16	224	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
L18	225	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L19	226	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L20	227	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L21	228	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L7	229	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
L9	230	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M10	231	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M11	232	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M13	233	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M15	234	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M6	235	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M7	236	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M8	237	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
M9	238	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N10	239	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N11	240	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N12	241	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N13	242	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N14	243	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
N15	244	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N17	245	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N18	246	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N22	247	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N8	248	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
N9	249	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
O12	250	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O14	251	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.59E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
O16	252	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O17	253	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O18	254	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O19	255	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O20	256	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O21	257	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O24	258	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
O6	259	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O7	260	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
O8	261	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
P10	262	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P11	263	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P12	264	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P14	265	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
P15	266	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P16	267	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P17	268	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P21	269	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P22	270	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P23	271	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P7	272	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
P9	273	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q11	274	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q12	275	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q13	276	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q14	277	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Q15	278	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q16	279	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q17	280	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Q18	281	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q19	282	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q21	283	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q22	284	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q23	285	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q24	286	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Q25	287	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Q8	288	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R10	289	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R11	290	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R12	291	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R13	292	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R14	293	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
R15	294	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R18	295	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R19	296	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R20	297	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R24	298	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
R25	299	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R27	300	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R7	301	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R8	302	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
R9	303	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S11	304	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S12	305	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S13	306	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S14	307	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
S15	308	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S16	309	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S17	310	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S18	311	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S21	312	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S22	313	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S23	314	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S25	315	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
S26	316	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T13	317	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T14	318	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
T16	319	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T17	320	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T19	321	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T20	322	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T23	323	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T24	324	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
T28	325	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T7	326	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
T9	327	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U11	328	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U12	329	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U13	330	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U14	331	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
U15	332	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U16	333	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U17	334	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U18	335	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U20	336	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids
IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
U21	337	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U22	338	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U23	339	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U25	340	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U27	341	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
U8	342	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V10	343	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V11	344	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V14	345	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
V15	346	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V16	347	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V17	348	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V18	349	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V19	350	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V20	351	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V22	352	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V23	353	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V25	354	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V26	355	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
V29	356	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W11	357	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W12	358	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W13	359	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W16	360	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W19	361	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W20	362	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W21	363	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W22	364	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W23	365	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W24	366	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
W25	367	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W26	368	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
W27	369	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
X15	370	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X16	371	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X17	372	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X18	373	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X20	374	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X21	375	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X22	376	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X24	377	7.58E-09	1.32E-06	2.34E-07	2.53E-08	1.06E-07	2.67E-09	1.48E-09	2.95E-08	4.60E-09	1.43E-08	3.65E-09	5.75E-09	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	1.36E-11
X28	378	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X30	379	7.56E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.47E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	1.35E-11
X33	380	7.57E-10	1.31E-07	2.34E-08	2.52E-09	1.06E-08	2.67E-10	1.48E-10	2.94E-09	4.59E-10	1.43E-09	3.64E-10	5.74E-10	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	1.35E-12
Y12	381	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y14	382	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Y15	383	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y17	384	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y18	385	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y20	386	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y21	387	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y22	388	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y23	389	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y26	390	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y27	391	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y28	392	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Construction - peak hour lb/hr																						
		PAHs non-Napth	DPM	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia*	Selenium and compounds	Hexavalent chromium
Descr	Grid ID	1151	9901	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	18540299
Y30	393	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Y31	394	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z15	395	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z16	396	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z17	397	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z18	398	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z19	399	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z20	400	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z22	401	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z23	402	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z24	403	7.57E-09	1.31E-06	2.34E-07	2.52E-08	1.06E-07	2.67E-09	1.48E-09	2.94E-08	4.59E-09	1.43E-08	3.64E-09	5.74E-09	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	1.35E-11
Z25	404	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z29	405	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z30	406	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Z31	407	7.55E-09	1.31E-06	2.33E-07	2.52E-08	1.06E-07	2.66E-09	1.47E-09	2.94E-08	4.58E-09	1.42E-08	3.63E-09	5.73E-09	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	1.35E-11
Totals																								

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
AA18	1	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AA20	2	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AA23	3	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AA25	4	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AA26	5	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AA27	6	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AA31	7	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AB17	8	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AB21	9	1.92E-06	5.92E-05	3.28E-05	2.68E-05	6.75E-07	6.56E-06	7.45E-06	1.16E-06	2.94E-05	9.22E-07	2.03E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.22E-07	3.43E-09
AB22	10	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AB23	11	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AB24	12	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AB25	13	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AB26	14	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AB27	15	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AB29	16	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
AC20	17	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AC22	18	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AC27	19	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AC30	20	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AC32	21	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AD20	22	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AD21	23	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AD23	24	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AD25	25	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AD29	26	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AD31	27	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
AD32	28	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AE21	29	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AE23	30	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AE24	31	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AE25	32	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AE28	33	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AE29	34	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AE30	35	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AE31	36	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AE32	37	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AE33	38	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AE34	39	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AE35	40	1.34E-05	4.14E-04	2.16E-04	1.88E-04	4.73E-06	4.30E-05	5.22E-05	8.13E-06	1.93E-04	6.45E-06	1.33E-04	1.99E-06	7.44E-07	4.80E-07	9.36E-07	3.84E-07	3.60E-07	9.84E-07	4.47E-05	4.64E-03	5.28E-07	8.16E-07	2.40E-08
AE37	41	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AE45	42	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AF34	43	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AF35	44	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AF36	45	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AF42	46	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
AG20	47	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AG21	48	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AG22	49	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AG27	50	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AG28	51	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AG31	52	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AG35	53	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AG37	54	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AG41	55	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
AG43	56	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
AH20	57	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AH22	58	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AH24	59	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AH25	60	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AH27	61	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AH28	62	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AH29	63	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AH32	64	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AH33	65	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
AH35	66	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
AH36	67	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AH37	68	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AH39	69	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AI22	70	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AI24	71	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AI25	72	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AI26	73	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AI27	74	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AI28	75	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AI31	76	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AI33	77	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AI35	78	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AI37	79	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
AJ22	80	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AJ25	81	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
AJ26	82	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AJ27	83	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AJ28	84	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AJ29	85	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AJ30	86	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
AJ31	87	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AJ33	88	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AJ36	89	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
AJ37	90	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AJ38	91	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AJ40	92	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AK20	93	7.55E-09	2.33E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.94E-08	4.58E-09	5.31E-06	3.63E-09	3.67E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	2.24E-08	1.35E-11
AK23	94	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AK26	95	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AK27	96	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AK29	97	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AK31	98	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AK34	99	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AK39	100	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AK40	101	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AL30	102	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AL32	103	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AL36	104	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AL37	105	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AL38	106	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AL39	107	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AL40	108	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AM28	109	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AM30	110	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AM31	111	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AM32	112	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
AM33	113	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AM34	114	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AM35	115	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AM37	116	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AM38	117	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AM39	118	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AM40	119	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AN29	120	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AN32	121	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AN33	122	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AN34	123	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AN36	124	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AN37	125	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AN38	126	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AN39	127	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AN44	128	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AO28	129	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AO30	130	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AO32	131	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AO33	132	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
AO35	133	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AO37	134	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AO38	135	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AO39	136	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AO40	137	1.92E-05	5.92E-04	3.08E-04	2.68E-04	6.75E-06	6.14E-05	7.45E-05	1.16E-05	2.76E-04	9.22E-06	1.91E-04	2.84E-06	1.06E-06	6.85E-07	1.34E-06	5.48E-07	5.14E-07	1.41E-06	6.38E-05	6.63E-03	7.54E-07	1.17E-06	3.43E-08
AO41	138	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AO42	139	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AO44	140	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AP32	141	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AP33	142	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AP36	143	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AP37	144	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AP38	145	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AP39	146	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AP40	147	2.68E-05	8.28E-04	4.31E-04	3.76E-04	9.45E-06	8.60E-05	1.04E-04	1.63E-05	3.86E-04	1.29E-05	2.67E-04	3.98E-06	1.49E-06	9.60E-07	1.87E-06	7.68E-07	7.20E-07	1.97E-06	8.94E-05	9.28E-03	1.06E-06	1.63E-06	4.80E-08
AP41	148	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AP42	149	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
AP43	150	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AP47	151	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AQ31	152	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AQ33	153	1.92E-06	5.92E-05	3.87E-05	2.68E-05	6.75E-07	7.74E-06	7.45E-06	1.16E-06	3.47E-05	9.22E-07	2.40E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.44E-07	3.43E-09
AQ34	154	1.15E-05	3.55E-04	1.85E-04	1.61E-04	4.05E-06	3.69E-05	4.47E-05	6.97E-06	1.66E-04	5.53E-06	1.14E-04	1.71E-06	6.37E-07	4.11E-07	8.02E-07	3.29E-07	3.08E-07	8.43E-07	3.83E-05	3.98E-03	4.52E-07	6.99E-07	2.06E-08
AQ36	155	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AQ38	156	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AQ39	157	1.92E-06	5.92E-05	3.28E-05	2.68E-05	6.75E-07	6.56E-06	7.45E-06	1.16E-06	2.94E-05	9.22E-07	2.03E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.22E-07	3.43E-09
AQ40	158	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
AQ41	159	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AQ43	160	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AQ44	161	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
AQ45	162	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
AR38	163	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
AR42	164	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
B5	165	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
B9	166	7.57E-10	2.34E-08	5.92E-06	1.06E-08	2.45E-08	1.18E-06	2.94E-09	4.59E-10	5.31E-06	3.64E-10	3.67E-06	1.12E-10	4.20E-11	2.71E-11	5.28E-11	2.17E-11	2.03E-11	5.55E-11	2.52E-09	3.93E-07	2.98E-11	2.24E-08	1.35E-12
D13	167	7.55E-09	2.33E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.94E-08	4.58E-09	5.31E-06	3.63E-09	3.67E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	2.24E-08	1.35E-11
D14	168	7.57E-09	2.34E-07	1.18E-05	1.06E-07	4.90E-08	2.37E-06	2.94E-08	4.59E-09	1.06E-05	3.64E-09	7.35E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.93E-06	2.98E-10	4.49E-08	1.35E-11

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
D7	169	7.53E-10	2.33E-08	5.92E-06	1.06E-08	2.45E-08	1.18E-06	2.93E-09	4.57E-10	5.31E-06	3.63E-10	3.67E-06	1.12E-10	4.18E-11	2.70E-11	5.26E-11	2.16E-11	2.02E-11	5.53E-11	2.51E-09	3.91E-07	2.97E-11	2.24E-08	1.35E-12
D9	170	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
E10	171	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
E12	172	7.56E-09	2.34E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.94E-08	4.59E-09	5.31E-06	3.64E-09	3.67E-06	1.12E-09	4.19E-10	2.71E-10	5.28E-10	2.16E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	2.24E-08	1.35E-11
E8	173	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
E9	174	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
F15	175	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
F16	176	7.55E-09	2.33E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.94E-08	4.58E-09	5.31E-06	3.63E-09	3.67E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	2.24E-08	1.35E-11
F5	177	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
F6	178	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
F9	179	1.92E-06	5.92E-05	3.28E-05	2.68E-05	6.75E-07	6.56E-06	7.45E-06	1.16E-06	2.94E-05	9.22E-07	2.03E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.22E-07	3.43E-09
G10	180	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
G11	181	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
G12	182	4.52E-07	1.40E-05	1.78E-05	6.34E-06	1.59E-07	3.55E-06	1.76E-06	2.74E-07	1.59E-05	2.18E-07	1.10E-05	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	6.73E-08	8.09E-10
G13	183	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
G6	184	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
H10	185	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
H11	186	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
H13	187	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
H15	188	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
H16	189	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
H5	190	7.57E-09	2.34E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.94E-08	4.59E-09	5.31E-06	3.64E-09	3.67E-06	1.12E-09	4.20E-10	2.71E-10	5.28E-10	2.17E-10	2.03E-10	5.55E-10	2.52E-08	3.92E-06	2.98E-10	2.24E-08	1.35E-11
H7	191	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
H8	192	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
H9	193	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
I11	194	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
I13	195	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
I14	196	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
I15	197	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
I16	198	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
I17	199	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
I6	200	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
I8	201	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
J10	202	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
J11	203	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
J12	204	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
J14	205	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
J17	206	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
J18	207	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
J3	208	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
J5	209	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
J8	210	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
J9	211	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
K10	212	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
K11	213	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
K12	214	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
K14	215	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
K15	216	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
K16	217	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
K6	218	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
K9	219	1.92E-06	5.92E-05	3.28E-05	2.68E-05	6.75E-07	6.56E-06	7.45E-06	1.16E-06	2.94E-05	9.22E-07	2.03E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.22E-07	3.43E-09
L11	220	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
L12	221	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
L13	222	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
L15	223	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
L16	224	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
L18	225	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
L19	226	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
L20	227	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
L21	228	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
L7	229	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
L9	230	4.52E-07	1.40E-05	1.18E-05	6.34E-06	1.59E-07	2.37E-06	1.76E-06	2.74E-07	1.06E-05	2.18E-07	7.35E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	4.49E-08	8.09E-10
M10	231	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
M11	232	1.15E-05	3.55E-04	1.85E-04	1.61E-04	4.05E-06	3.69E-05	4.47E-05	6.97E-06	1.66E-04	5.53E-06	1.14E-04	1.71E-06	6.37E-07	4.11E-07	8.02E-07	3.29E-07	3.08E-07	8.43E-07	3.83E-05	3.98E-03	4.52E-07	6.99E-07	2.06E-08
M13	233	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
M15	234	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
M6	235	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
M7	236	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
M8	237	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
M9	238	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N10	239	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N11	240	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N12	241	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N13	242	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
N14	243	4.52E-07	1.40E-05	1.78E-05	6.34E-06	1.59E-07	3.55E-06	1.76E-06	2.74E-07	1.59E-05	2.18E-07	1.10E-05	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	6.73E-08	8.09E-10
N15	244	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N17	245	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N18	246	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
N22	247	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N8	248	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
N9	249	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
O12	250	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
O14	251	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
O16	252	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
O17	253	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
O18	254	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
O19	255	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
O20	256	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
O21	257	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
O24	258	7.58E-09	2.34E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.95E-08	4.60E-09	5.31E-06	3.65E-09	3.67E-06	1.13E-09	4.20E-10	2.71E-10	5.29E-10	2.17E-10	2.03E-10	5.56E-10	2.53E-08	3.93E-06	2.98E-10	2.24E-08	1.36E-11
O6	259	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
O7	260	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
O8	261	4.52E-07	1.40E-05	1.18E-05	6.34E-06	1.59E-07	2.37E-06	1.76E-06	2.74E-07	1.06E-05	2.18E-07	7.35E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	4.49E-08	8.09E-10
P10	262	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
P11	263	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
P12	264	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
P14	265	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
P15	266	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
P16	267	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
P17	268	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
P21	269	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
P22	270	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
P23	271	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
P7	272	7.55E-09	2.33E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.94E-08	4.58E-09	5.31E-06	3.63E-09	3.67E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	2.24E-08	1.35E-11
P9	273	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q11	274	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q12	275	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Q13	276	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Q14	277	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q15	278	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q16	279	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Q17	280	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
Q18	281	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q19	282	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Q21	283	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Q22	284	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q23	285	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
Q24	286	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q25	287	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Q8	288	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
R10	289	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
R11	290	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
R12	291	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
R13	292	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
R14	293	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
R15	294	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
R18	295	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
R19	296	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
R20	297	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
R24	298	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
R25	299	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
R27	300	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
R7	301	7.55E-09	2.33E-07	5.92E-06	1.06E-07	2.45E-08	1.18E-06	2.94E-08	4.58E-09	5.31E-06	3.63E-09	3.67E-06	1.12E-09	4.19E-10	2.70E-10	5.27E-10	2.16E-10	2.03E-10	5.54E-10	2.52E-08	3.92E-06	2.97E-10	2.24E-08	1.35E-11
R8	302	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
R9	303	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
S11	304	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
S12	305	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
S13	306	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
S14	307	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
S15	308	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
S16	309	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
S17	310	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
S18	311	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
S21	312	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
S22	313	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
S23	314	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
S25	315	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
S26	316	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
T13	317	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
T14	318	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
T16	319	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
T17	320	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
T19	321	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
T20	322	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
T23	323	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
T24	324	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
T28	325	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
T7	326	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
T9	327	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
U11	328	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
U12	329	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U13	330	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U14	331	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
U15	332	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
U16	333	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U17	334	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U18	335	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
U20	336	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
U21	337	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U22	338	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
U23	339	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U25	340	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U27	341	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
U8	342	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
V10	343	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
V11	344	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
V14	345	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
V15	346	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
V16	347	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
V17	348	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
V18	349	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
V19	350	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
V20	351	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
V22	352	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
V23	353	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
V25	354	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
V26	355	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
V29	356	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
W11	357	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
W12	358	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
W13	359	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
W16	360	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
W19	361	1.92E-06	5.92E-05	3.28E-05	2.68E-05	6.75E-07	6.56E-06	7.45E-06	1.16E-06	2.94E-05	9.22E-07	2.03E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.22E-07	3.43E-09
W20	362	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
W21	363	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
W22	364	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08
W23	365	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
W24	366	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
W25	367	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
W26	368	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
W27	369	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
X15	370	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
X16	371	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
X17	372	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
X18	373	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
X20	374	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
X21	375	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
X22	376	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
X24	377	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
X28	378	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
X30	379	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
X33	380	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Y12	381	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Y14	382	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Y15	383	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Y17	384	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Y18	385	1.15E-05	3.55E-04	1.85E-04	1.61E-04	4.05E-06	3.69E-05	4.47E-05	6.97E-06	1.66E-04	5.53E-06	1.14E-04	1.71E-06	6.37E-07	4.11E-07	8.02E-07	3.29E-07	3.08E-07	8.43E-07	3.83E-05	3.98E-03	4.52E-07	6.99E-07	2.06E-08
Y20	386	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Y21	387	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Y22	388	9.58E-06	2.96E-04	1.54E-04	1.34E-04	3.38E-06	3.07E-05	3.73E-05	5.81E-06	1.38E-04	4.61E-06	9.53E-05	1.42E-06	5.31E-07	3.43E-07	6.68E-07	2.74E-07	2.57E-07	7.03E-07	3.19E-05	3.31E-03	3.77E-07	5.83E-07	1.71E-08
Y23	389	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
Y26	390	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Y27	391	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Y28	392	7.66E-06	2.37E-04	1.23E-04	1.07E-04	2.70E-06	2.46E-05	2.98E-05	4.65E-06	1.10E-04	3.69E-06	7.63E-05	1.14E-06	4.25E-07	2.74E-07	5.35E-07	2.19E-07	2.06E-07	5.62E-07	2.55E-05	2.65E-03	3.02E-07	4.66E-07	1.37E-08

Well Grids

IOF HRA: Scenario Fu
includes fugitives,
workovers, drilling,
construction

		Max Peak Hour lb/hr																						
		PAHs non-Napth	Formaldehyde	Benzene	Acetaldehyde	PAHs Napth	Ethyl benzene	1,3-Butadiene	Acrolein	Toluene	Hexane	Xylenes	Lead	Manganese	Mercury and mercury compounds	Nickel	Arsenic	Cadmium	Copper	Hydrochloric acid	Ammonia	Selenium and compounds	Hydrogen sulfide	Hexavalent chromium
Descr	Grid ID	1151	50000	71432	75070	91203	100414	106990	107028	108883	110543	1330207	7439921	7439965	7439976	7440020	7440382	7440439	7440508	7647010	7664417	7782492	7783064	18540299
Y30	393	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Y31	394	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Z15	395	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Z16	396	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Z17	397	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Z18	398	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Z19	399	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Z20	400	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Z22	401	3.83E-06	1.18E-04	6.16E-05	5.37E-05	1.35E-06	1.23E-05	1.49E-05	2.32E-06	5.52E-05	1.84E-06	3.81E-05	5.69E-07	2.12E-07	1.37E-07	2.67E-07	1.10E-07	1.03E-07	2.81E-07	1.28E-05	1.33E-03	1.51E-07	2.33E-07	6.85E-09
Z23	402	4.52E-07	1.40E-05	5.92E-06	6.34E-06	1.59E-07	1.18E-06	1.76E-06	2.74E-07	5.31E-06	2.18E-07	3.67E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	2.24E-08	8.09E-10
Z24	403	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Z25	404	5.75E-06	1.77E-04	9.24E-05	8.05E-05	2.03E-06	1.84E-05	2.24E-05	3.49E-06	8.28E-05	2.77E-06	5.72E-05	8.53E-07	3.19E-07	2.06E-07	4.01E-07	1.64E-07	1.54E-07	4.22E-07	1.92E-05	1.99E-03	2.26E-07	3.50E-07	1.03E-08
Z29	405	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Z30	406	1.92E-06	5.92E-05	3.08E-05	2.68E-05	6.75E-07	6.14E-06	7.45E-06	1.16E-06	2.76E-05	9.22E-07	1.91E-05	2.84E-07	1.06E-07	6.85E-08	1.34E-07	5.48E-08	5.14E-08	1.41E-07	6.38E-06	6.63E-04	7.54E-08	1.17E-07	3.43E-09
Z31	407	4.52E-07	1.40E-05	1.18E-05	6.34E-06	1.59E-07	2.37E-06	1.76E-06	2.74E-07	1.06E-05	2.18E-07	7.35E-06	6.72E-08	2.51E-08	1.62E-08	3.16E-08	1.29E-08	1.21E-08	3.32E-08	1.51E-06	2.35E-04	1.78E-08	4.49E-08	8.09E-10
Totals																								

Attachment D

Source Tests

Attachment D – Source Tests

Section/Table	Page #
Source Tests	D-1

AIRx Testing Services, Inc.

Date Tested:	February 15, 2018
Date Issued:	March 13, 2018
Revision Number:	0

EMISSIONS TEST REPORT: RADCO HEATER
COMPLIANCE TEST: NOx, CO & O2 EMISSIONS
RECLAIM TEST: NOx and O2 EMISSIONS
FUEL METER RELATIVE ACCURACY AUDIT

Facility ID: 083753
Application #342244

Submitted to:
Sentinel Peak Resources
5640 S. Fairfax Avenue
Los Angeles, CA 90056

Attention: John A Langard

Prepared By:
AIRx Testing Services, Inc.
2472 Eastman Ave. Suite 34
Ventura, CA 93003

Job Number
19094

Laboratory Report Number
218-013

Test Team Leader
Kenneth R. Kennepohl

Tom Porter, Vice President of Testing Services

Ken Kennepohl, Senior Engineer

AIRX Testing Services, Inc.

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AIRx Testing Services, Inc.

1.0 SUMMARY

Source Tested:	Radco Heater; Model H-100; 13.26 MMBtu/hr; Process Gas Fired; Equipped With Low NOx Burners
Test Location:	Sentinel Peak Resources 5640 S. Fairfax Avenue Los Angeles, CA 90056
Test Requested by:	SCAQMD
Test Objectives	Determine NOx and CO Emissions for Compliance. NOX, O2 & Fuel Meter RAA for RECLAIM
Test Performed by:	AIRx Testing Services, Inc.
Personnel:	Kenneth Kennepohl & Wesley Hart
Test Methodology:	Oxides of Nitrogen, Oxygen, Carbon Monoxide, Carbon Dioxide: SCAQMD Method 100.1. Stack Flow: SCAQMD Methods 1.1, 2.1& 4.1
Test Observed by:	None
Plant Contact:	John A Langard
Facility ID Number:	83753
Device ID Number:	D-273

2.0 INTRODUCTION

AIRx Testing has been contracted by the Sentinel Peak Resources to conduct an emissions source test program on a Radco Heater at the Los Angeles facility to determine compliance for NOx and CO emissions for SCAQMD reporting purposes. A RECLAIM test was also conducted for NOx, O2 and the fuel meter RAA test.

An emissions test was conducted on the subject unit by AIRx Testing February 15, 2018. Tests were performed in accordance with applicable SCAQMD procedures. The testing was **not** performed in accordance with the approved protocol dated February 23, 2001 and the letter dated October 27, 2005.

The testing was performed at only one (1) load (maximum attainable) condition, instead of the three (3) load conditions as specified by the protocol. The unit was unable to accommodate the two (2) other loads due to process limitations. If the unit can be adjusted to operate at the additional loads then an additional set of tests will be performed at a later date. This deviation from the protocol was performed as per the decision of Mr. Jim Nelson of Sentinel Peak Resources on the initial test performed in 2001. The testing was conducted by Ken Kennepohl and Wesley Hart with AIRx Testing. Arrangements for the test were made with Mr. John A Langard with Sentinel Peak Resources. The testing was not observed by SCAQMD personnel.

3.0 SOURCE PROCESS AND EQUIPMENT DESCRIPTION

Stocker Resources Inc. operates the subject heater in the oil refining process. The heater is identified as follows:

Radco; Model H-100; 13.26 MMBTU/hr; Process Gas Fired; Equipped with Low NOx Burners.

Fuel usage was monitored from a dedicated fuel meter which services the unit

During the test, the Heater was operating at the maximum achievable firing rate.

4.0 TEST PROCEDURES

This test was conducted in accordance with applicable SCAQMD test methodology. SCAQMD Method 100.1 was used for carbon monoxide, oxides of nitrogen, carbon dioxide and oxygen concentration measurements. Exhaust flowrate was measured using SCAQMD Methods 1.1 & 2.1. The Stack gas moisture content was measured utilizing SCAQMD Method 4.1.

One (1) 60 minute sampling run was performed for NOx, CO, Oxygen and Carbon Dioxide measurements.

SAMPLING AND ANALYTICAL PROCEDURES

STACK GAS ANALYSIS: Samples of the stack gas were extracted with a heated stainless steel probe and Teflon line, conditioned using refrigerated moisture dropouts that produced a conditioned gas of 37 F, then passed through a Teflon sample line to a flow manifold for distribution to the appropriate analyzers. The oxygen was determined with a Servomex Model 1400 paramagnetic analyzer. The carbon dioxide was determined with a Fuji Model 3300 NDIR analyzer. Oxides of nitrogen were determined using an API 200 EH chemiluminescent NOx analyzer. An API 300 EM NDIR/GFC analyzer was used for the CO measurement.

Analyzer data was logged using a digital Data Acquisition System (DAS). A spreadsheet was used to printout results averaged over one (1) minute intervals. All analyzer data was also recorded continuously with an analog strip chart recorder. For a description of the sample conditioner and sample system please refer to the attachments.

Measurements were conducted by utilizing 16 sample traverse points (8 points per port).

STACK GAS FLOW RATE: The stack gas velocity was determined using a standard pitot tube connected to an inclined manometer. The stack temperature was determined using a thermocouple and an indicating pyrometer. The proportion of water was determined gravimetrically and the dry molecular weight of the stack gas determined by SCAQMD Method 3.1 & 4.1. A 16 point, two (2) ports, traverse (8 points per port) was run on the exhaust stack in conjunction with SCAQMD Method 100.1. Three (3) velocity traverses in conjunction with one moisture determination was performed at the operational load.

LEAK CHECKS: Leak rates were conducted on the sampling trains and the pitot tubes before and after each test. The pitot tube showed no loss in pressures during leak checks. The leak checks for the moisture train were done at the nozzle. All moisture train leak rates were below 0.02 scfm.

Emissions calculations (lb/hr) were made using the flow rate of the stack gas at the point of sampling. All values were calculated by using SCAQMD RECLAIM standard conditions (68°F & 29.92 in. Hg) and also at SCAQMD standard conditions (60°F & 29.92 in. Hg).

5.0 TEST RESULTS AND DISCUSSION

The tests for NOx and CO emissions were performed while the unit was operating at maximum achievable firing rate.

The RAA was calculated by comparison of measured stack flow with exhaust flow calculated from fuel use and stack oxygen data. For each load condition, three (3) sets of runs were performed. All stack flow measurements were performed in accordance with SCAQMD Methods 1.1 – 4.1. Fuel rate was recorded from periodic readings from a totalizing meter. The RAA results are presented below.

Maximum Load Condition (@ 68 Degrees F):

	R-1	R-2	R-3	Average
RAA	0.6 %	-5.1 %	-0.7 %	**-1.7%**

The results of all tests are presented in Table 5-1 on the following page 5-2.

TABLE 5-1

COMPLIANCE TEST RESULTS SUMMARY - @ 60 DEGREES F

Sentinel Peak Resources, Radco Heater; February 15, 2018

PARAMETER	UNITS	Results	SCAQMD Method	*Allowable*
Stack Gas Temperature Stack Gas Flowrate	°F (avg) dscfm (avg)	508 1,318	2.1 2.1	
NOx Emissions	ppmv ppmv @ 3% O2 lb/hr lb/MMBtu	16.9 18.0 0.160 0.024	100.1	*20*
O2 (avg)	dry, %	4.1	100.1	
CO Emissions	ppmv ppmv @ 3% O2 lb/hr lb/MMBtu	83.9 89.2 0.49 0.065	100.1	*100*
Fuel Use (Process Gas)	scfm	110.3	Totalizer Meter	

RECLAIM TEST RESULTS SUMMARY - @ 68 DEGREES F
Sentinel Peak Resources, Radco Heater; February 15, 2018

PARAMETER	UNITS	Results	SCAQMD Method	
Stack Gas Temperature Stack Gas Flowrate	°F (avg) dscfm (avg)	508 1,338	2.1 2.1	
NOx Emissions	ppmv ppmv @ 3% O2 lb/hr lb/MMBtu	16.9 18.0 0.16 0.022	100.1	*20*
O2 (avg)	dry, %	4.1	100.1	
Fuel Use (Process Gas)	scfm	110.3	Totalizer Meter	
RAA (avg) *(Fuel & RAA averaged for 3 runs)*	% Error	-1.7		

6.0 QUALITY ASSURANCE

Quality control procedures used in the sampling follow SCAQMD guidelines and include pre-test and post-test leak checks of the pitots and sampling train, frequent calibrations of all field equipment, including control boxes, pitots, thermocouples, differential pressure gages, balances and nozzles. Field data and report calculations are reviewed and verified by a minimum of 2 members of our staff.

Quality control procedures used during the continuous emissions portion of the test included the use of nonreactive stainless steel and Teflon sample lines and fittings, a sample system that operates under positive rather than negative pressure, pre-test and post test leak checks, zero and span calibrations, multi-range linearity checks, system calibration and interference checks. Zero and Span drift errors were corrected for by using the zero and span values obtained during each sample run from the initial and final calibrations. During the test runs, the total sample flow rates and pressures from the sample extraction and conditioning system and flows to the analyzers were normal, indicating good equipment operation. The sample gas conditioning unit is designed to minimize sample gas contact with condensed moisture from the sample. Sample is drawn through stainless steel dropouts and continuously drained by a peristaltic pump. The field data sheets in Appendix B summarize the performance of the CEMS during this source test.

The analyzers used for the continuous emissions monitoring of NOx, CO2 and O2 have been approved by the California Air Resources Board. The analyzers were calibrated before and after each test run to ensure the validity of the test and a probe tip calibration through the entire sampling system (systems check) was also done to determine if any interference was caused by the sampling system. No interferences were detected. The zero and calibration gases were prepared to SCAQMD specifications for Method 100.1. Certification of analysis for the calibration gases used during this test is given in Appendix B.

AIRx Testing Services, Inc.

CONFLICT OF INTEREST NEGATIVE DECLARATION

AIRx Testing is an independent emissions testing contractor.

AIRx Testing maintains that no conflict of interest exists between the partners and employees of AIRx Testing, and the partners, employees or interests involved in the facility detailed in this report.

INDEPENDENT CONTRACTOR

Tom Porter

Signature

Tom Porter – Vice President

3/13/2018

Date of Signature

APPENDIX A SCAQMD METHOD 1.1, 2.1 & 4.1

COMPLIANCE TEST
60 Degrees F

Sentinel Peak Resources
Los Angeles
RADCO Heater
2/15/2018
Emission Summary - 60 Degrees F

	Run #1	Run #2	Run #3	*Averages*
ø - Start of Run, time	14:55	15:15	15:40	
ø - End of Run, time	15:55	-	-	
Vlc - Volume of water collected, ml	160.0	-	-	*160.0*
Vm - Gas volume, meter cond., dcf	44.921	-	-	*44.921*
Y - Meter calibration factor	1.0046	-	-	*1.0046*
Pbar - Barometric pressure, in. Hg	30.10	30.10	30.10	*30.10*
Pg - Stack static pressure, in. H2O	-0.01	-0.01	-0.01	*-0.01*
Ps - Stack absolute pressure, in. H2O	30.10	30.10	30.10	*30.10*
^H - Avg. meter press. diff., in. H2O	1.80	-	-	*1.80*
Tm - Absolute meter temperature, °R	533.0	-	-	*533.0*
Bws - Water vapor part in gas stream	0.143	-	-	*0.143*
Bws - Moisture @ Saturation	1.0	-	-	*1.0*
CO2 - Dry concentration, volume %	9.5	-	-	*9.5*
O2 - Dry concentration, volume %	4.1	-	-	*4.1*
Md - Mole wt. stack gas, dry, g/mole	29.684	-	-	*29.684*
Ms - Mole wt. stack gas, wet, g/gmole	28.014	-	-	*28.014*
Cp - Pitot tube coef., dimensionless	0.84	0.84	0.84	*0.84*
^p - Avg. of sq. roots of each^p	0.110	0.110	0.110	*0.110*
Ts - Absolute stack Temp. °R	967.9	968.0	968.9	*968.3*
A - Area of stack, square feet	5.59	5.59	5.59	*5.59*
Vs - Stack Gas Flow, ft/sec	8.49	8.49	8.50	*8.49*
An - Area of nozzle, square feet	0.00077	-	-	*0.00077*
ø - Sampling time, minutes	60	-	-	*60*
µs - Gas Viscosity, micropoise	272.51	272.54	272.80	*272.62*
Qstd - Volumetric flow rate, dscfm	1,318	1,318	1,317	*1,318*
Vm(std) - Standard sample gas vol., dscf	44.4866	-	-	*44.4866*

CARB Method 5 Particulate Emission Determination Field Data

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	1	Temp (Tstd):	60

SOURCE TEST CALIBRATION & STACK DATA

	Std Pressure :	29.92	K-Factor :	7.255			
	Cold Box :	5	Mag Dp :	Mano	Impinger Wt.		
	Meter # :	J	Mag Dh :	Mano	777.3	630.8	
	Meter Y :	1.0046	Static Pg :	-0.01	601.7	593.4	
	Time:	60	Stack Dia :	32	531.1	528.0	
Start-Time	Amb Temp:	62.0	"A" Eqv Dia :	9.4	703.6	701.5	
14:55	Pbar :	30.10	"B" Eqv Dia:	7.5			
	Pitot :	0.84	From Method 100 Sheet		Total Vlc:	160.0	
End-Time	Pyro :	HT	dcO2 :	4.1	Sample Leak Checks		
15:55	Nozzle :	0.375	dcCO2 :	9.5	Pre :	0.001	in. Hg. : 18.0
	Pre-pitot :	OK	Post Pitot :	OK	Post :	0.001	in. Hg. : 3.0
	Qm:	0.75	pMd:	29.68	pMs:	26.76	dcCO : 0.00
	Delta H@:	1.7566	Bws:	0.2500	Constant:	846.72	Constant: 0.9244

FIELD TESTING DATA

	Traverse Points	Dwell Time	Stack Temp	Delta P In,H2O	Sqrt DP	Meter Volume	Delta H In,H2O	Meter Temp Inlet	Meter Temp Outlet	Meter Vacuum
1	1.0	0	506	0.01	0.100	21.732	1.8	64	66	3.0
2	3.4	5.0	506	0.01	0.100	25.4	1.8	71	67	3.0
3	6.3	10.0	507	0.01	0.100	29.2	1.8	73	68	3.0
4	10.5	15.0	508	0.02	0.141	32.9	1.8	74	68	3.0
5	22.0	20.0	509	0.02	0.141	36.6	1.8	75	69	3.0
6	26.2	25.0	509	0.01	0.100	40.3	1.8	76	70	3.0
7	29.1	30.0	509	0.01	0.100	44.1	1.8	77	72	3.0
8	31.5	35.0	508	0.01	0.100	48.0	1.8	78	73	3.0
9		40.0	504	0.01	0.100	51.7	1.8	78	73	3.0
10		45.0	506	0.01	0.100	55.4	1.8	79	74	3.0
11		50.0	508	0.01	0.100	59.2	1.8	79	74	3.0
12		55.0	508	0.01	0.100	62.9	1.8	80	74	3.0
13		60.0	509	0.02	0.141					
14			510	0.02	0.141					
15			510	0.01	0.100					
16			509	0.01	0.100					
		60.0				66.653				

FIELD DATA AVERAGES

O2 %	Average Vacuum	CO2 %	Time Minutes	Stack temp ts	H2O Vol. Vlc	Sqrt Dp Avg sqrtDp	Meter Vol Vm	Deta H Avg Dh	Meter temp tm
4.1	3.0	9.5	60	507.9	160.0	0.110	44.921	1.80	73.0

CARB Method 5 Particulate Emission Determination Calculations

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	1	Temp (Tstd):	60

*** SOURCE FIELD DATA***

Pbar	Barometer	30.10
Y	Meter Calibration Fac.	1.0046
Cp	Pitot Calibration Fac.	0.84
Pg	Stack Static Pressure (in. H2O)	-0.01
dcO2	Dry Concentration Oxygen	4.1
dcCO2	Dry Concentration Carbon Monoxide	9.5
tsd	Area Standard Temperature (deg F)	60.0
ts	Temperature of Stack Gas (deg.F)	507.9
μs	Stack Gas Viscosity (micropoise)	272.51
tm	Temperature of Meter (deg.F)	73.0
Delta P	Delta P Average (in H2O)	0.013
sqrtDP	Average Square root Delta P	0.110
Dh	Delta H Average (in H2O)	1.80
Vlc	Total Volume of Condensable water (g)	160.0
Vm	Dry gas Volume Measured (dcf)	44.921
Ds	Stack Diameter (in.)	32.0
An	Area of the Nozzle	0.00077
Time	Sample duration (min)	60

*** INTERMEDIATE CALCULATIONS***

Ps	Absolute Stack Pressure (in.Hg)	30.10	Ps =Pbar+Pg/13.6
Tstd	Area Standard Temperature (deg R)	520	Tstd =tsd+460
Ts	Temperature of Stack Gas (deg.R)	967.9	Ts =ts+460
Tm	Temperature of Meter (deg.R)	533.0	Tm =tm+460
Vwstd	Volume of water vapor standard (scf)	7.42	Vwstd =(0.04707/(528/(tsd+460)))*Vlc
Vmstd	Sample gas volume (dscf)	44.4866	Vmstd =Vm*Y*(Tstd/Tm)*((Pbar+Dh/13.6)/29.92)
Bws	Moisture Content Stack Gas	0.143	Bws =Vwstd/(Vwstd+Vmstd)
dcN2	Dry Concentration Nitrogen	86.4	dcN2=100-((dcO2)+(dcCO2))
Md	Molecular Weight Stack Gas (dry)	29.684	Md =(dcCO2*0.44)+(dcO2*0.32)+(dcN2*0.28)
Ms	Molecular Weight Stack Gas (wet)	28.014	Ms =(Md*(1-Bws))+18*Bws
As	Area of Stack (Ft^2)	5.59	As =3.141592654*(Ds/12)^2/4

*** RESULTS***

Vs	Stack Gas Velocity (ft/sec)	8.5	Vs =85.49*Cp*sqrtDp*(SQRT(Ts/(Ps*Ms)))
Qa	Stack Gas Flowrate (Acfm)	2,845	Vs =Vs*60*As
Qstd	Stack Gas Flowrate (Dscfm)	1,318	Qstd =60*(1-Bws)*Vs*As*(Tstd/Ts)*(Ps/29.92)

CARB Method 5 Particulate Emission Determination Field Data

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	2	Temp (Tstd):	60

SOURCE TEST CALIBRATION & STACK DATA

	Std Pressure :	29.92	K-Factor :	9.051	
	Cold Box :	5	Mag Dp :	Mano	Impinger Wt.
	Meter # :	J	Mag Dh :	Mano	
	Meter Y :	1.0046	Static Pg :	-0.01	
	Time:		Stack Dia :		
Start-Time	Amb Temp:	62.0	"A" Eqv Dia :		
15:15	Pbar :	30.10	"B" Eqv Dia:		
	Pitot :	0.84	From Method 100 Sheet		Total Vlc: 0.0
End-Time	Pyro :	HT	dcO2 :	4.1	Sample Leak Checks
	Nozzle :	0.375	dcCO2 :	9.5	Pre : in. Hg. :
	Pre-pitot :	OK	Post Pitot :	OK	Post : in. Hg. :
	Qm:	0.75	pMd:	29.68	pMs: 28.01 dcCO : 0.00
	Delta H@:	1.7566	Bws:	0.1429	Constant: 846.72 Constant: 0.9244

FIELD TESTING DATA

	Traverse Points	Dwell Time	Stack Temp	Delta P In,H2O	Sqrt DP	Meter Volume	Delta H In,H2O	Meter Temp Inlet	Meter Temp Outlet	Meter Vacuum
1	1.0		507	0.01	0.100		1.8	64	66	3.0
2	3.4		508	0.01	0.100		1.8	71	67	3.0
3	6.3		508	0.02	0.141		1.8	73	68	3.0
4	10.5		510	0.02	0.141		1.8	74	68	3.0
5	22.0		510	0.01	0.100		1.8	75	69	3.0
6	26.2		509	0.01	0.100		1.8	76	70	3.0
7	29.1		508	0.01	0.100		1.8	77	72	3.0
8	31.5		507	0.02	0.141		1.8	78	73	3.0
9			504	0.01	0.100		1.8	78	73	3.0
10			506	0.01	0.100		1.8	79	74	3.0
11			508	0.02	0.141		1.8	79	74	3.0
12			509	0.01	0.100		1.8	80	74	3.0
13			510	0.01	0.100					
14			509	0.01	0.100					
15			507	0.01	0.100					
16			508	0.01	0.100					
		0.0								

FIELD DATA AVERAGES

O2 %	Average Vacuum	CO2 %	Time Minutes	Stack temp ts	H2O Vol. Vlc	Sqrt Dp Avg sqrtDp	Meter Vol Vm	Deta H Avg Dh	Meter temp tm
4.1	3.0	9.5		508.0	0.0	0.110	0.0	1.80	73.0

CARB Method 5 Particulate Emission Determination Calculations

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	2	Temp (Tstd):	60

	*** SOURCE FIELD DATA***		
Pbar	Barometer	30.10	
Cp	Pitot Calibration Fac.	0.84	
Pg	Stack Static Pressure (in. H2O)	-0.01	
dcO2	Dry Concentration Oxygen	4.1	
dcCO2	Dry Concentration Carbon Monoxide	9.5	
tsd	Area Standard Temperature (deg F)	60.0	
ts	Temperature of Stack Gas (deg.F)	508.0	
μs	Stack Gas Viscosity (micropoise)	272.54	
Delta P	Delta P Average (in H2O)	0.013	
sqrtDP	Average Square root Delta P	0.110	
	*** INTERMEDIATE CALCULATIONS***		
Ps	Absolute Stack Pressure (in.Hg)	30.10	
Tstd	Area Standard Temperature (deg R)	520	
Ts	Temperature of Stack Gas (deg.R)	968.0	
Bws	Moisture Content Stack Gas	0.143	
dcN2	Dry Concentration Nitrogen	86.4	
Md	Molecular Weight Stack Gas (dry)	29.684	
Ms	Molecular Weight Stack Gas (wet)	28.014	Ps =Pbar+Pg/13.6
As	Area of Stack (Ft^2)	5.59	Tstd =tsd+460
	*** RESULTS***		Ts =ts+460
Vs	Stack Gas Velocity (ft/sec)	8.49	Tm =tm+460
Qa	Stack Gas Flowrate (Acfm)	2,845	Vwstd =(0.04707/(528/(tsd+460)))*Vlc
Qstd	Stack Gas Flowrate (Dscfm)	1,318	Vmstd =Vm*Y*(Tstd/Tm)*((Pbar+Dh/13.6)/29.92)

CARB Method 5 Particulate Emission Determination Field Data

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	3	Temp (Tstd):	60

SOURCE TEST CALIBRATION & STACK DATA

	Std Pressure :	29.92	K-Factor :		
	Cold Box :	5	Mag Dp :	Mano	Impinger Wt.
	Meter # :	J	Mag Dh :	Mano	
	Meter Y :	1.0046	Static Pg :	-0.01	
	Time:		Stack Dia :	32	
Start-Time	Amb Temp:	62.0	"A" Eqv Dia :		
	Pbar :	30.10	"B" Eqv Dia:		
	Pitot :	0.84	From Method 100 Sheet		Total Vlc:
End-Time	Pyro :	HT	dcO2 :	4.1	Sample Leak Checks
	Nozzle :	0.375	dcCO2 :	9.5	Pre : in. Hg. :
	Pre-pitot :	OK	Post Pitot :	OK	Post : in. Hg. :
	Qm:	0.75	pMd:	29.68	pMs: 28.01 dcCO : 0.00
	Delta H@:	1.7566	Bws:	0.1429	Constant: 846.72 Constant: 0.9244

FIELD TESTING DATA

	Traverse Points	Dwell Time	Stack Temp	Delta P In,H2O	Sqrt DP	Meter Volume	Delta H In,H2O	Meter Temp Inlet	Meter Temp Outlet	Meter Vacuum
1	1.0		510	0.01	0.100		1.8	64	66	3.0
2	3.4		510	0.01	0.100		1.8	71	67	3.0
3	6.3		509	0.02	0.141		1.8	73	68	3.0
4	10.5		509	0.02	0.141		1.8	74	68	3.0
5	22.0		508	0.01	0.100		1.8	75	69	3.0
6	26.2		508	0.02	0.141		1.8	76	70	3.0
7	29.1		508	0.01	0.100		1.8	77	72	3.0
8	31.5		509	0.01	0.100		1.8	78	73	3.0
9			509	0.01	0.100		1.8	78	73	3.0
10			508	0.02	0.141		1.8	79	74	3.0
11			508	0.01	0.100		1.8	79	74	3.0
12			509	0.01	0.100		1.8	80	74	3.0
13			509	0.01	0.100					
14			510	0.01	0.100					
15			510	0.01	0.100					
16			509	0.01	0.100					

FIELD DATA AVERAGES

O2 %	Average Vacuum	CO2 %	Time Minutes	Stack temp ts	H2O Vol. Vlc	Sqrt Dp Avg sqrtDp	Meter Vol Vm	Deta H Avg Dh	Meter temp tm
4.1	3.0	9.5		508.9	0.0	0.110	0.0	1.80	73.0

CARB Method 5 Particulate Emission Determination Calculations

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	3	Temp (Tstd):	60

*** SOURCE FIELD DATA***

Pbar	Barometer	30.10	
Cp	Pitot Calibration Fac.	0.84	
Pg	Stack Static Pressure (in. H2O)	-0.01	
dcO2	Dry Concentration Oxygen	4.1	
dcCO2	Dry Concentration Carbon Monoxide	9.5	
tsd	Area Standard Temperature (deg F)	60.0	
ts	Temperature of Stack Gas (deg.F)	508.9	
μs	Stack Gas Viscosity (micropoise)	272.80	
Delta P	Delta P Average (in H2O)	0.013	
sqrtDP	Average Square root Delta P	0.110	
Ds	Stack Diameter (in.)	32.0	

*** INTERMEDIATE CALCULATIONS***

Ps	Absolute Stack Pressure (in.Hg)	30.10	Ps =Pbar+Pg/13.6
Tstd	Area Standard Temperature (deg R)	520	Tstd =tsd+460
Ts	Temperature of Stack Gas (deg.R)	968.9	Ts =ts+460
Bws	Moisture Content Stack Gas	0.143	Bws =Vwstd/(Vwstd+Vmstd)
dcN2	Dry Concentration Nitrogen	86.4	dcN2=100-((dcO2)+(dcCO2))
Md	Molecular Weight Stack Gas (dry)	29.684	Md =(dcCO2*0.44)+(dcO2*0.32)+(dcN2*0.28)
Ms	Molecular Weight Stack Gas (wet)	28.014	Ms =(Md*(1-Bws))+18*Bws
As	Area of Stack (Ft^2)	5.59	As =3.141592654*(Ds/12)^2/4

*** RESULTS***

Vs	Stack Gas Velocity (ft/sec)	8.50	Vs =85.49*Cp*sqrtDp*(SQRT(Ts/(Ps*Ms)))
Qa	Stack Gas Flowrate (Acfm)	2,847	Vs =Vs*60*As
Qstd	Stack Gas Flowrate (Dscfm)	1,317	Qstd =60*(1-Bws)*Vs*As*(Tstd/Ts)*(Ps/29.92)

RECLAIM TEST
68 Degrees F

Sentinel Peak Resources
Los Angeles
RADCO Heater
2/15/2018
Emission Summary - 68 Degrees F

	Run #1	Run #2	Run #3	*Averages*
ø - Start of Run, time	14:55	15:15	15:40	
ø - End of Run, time	15:55	-	-	
Vlc - Volume of water collected, ml	160.0	-	-	*160.0*
Vm - Gas volume, meter cond., dcf	44.921	-	-	*44.921*
Y - Meter calibration factor	1.0046	-	-	*1.0046*
Pbar - Barometric pressure, in. Hg	30.10	30.10	30.10	*30.10*
Pg - Stack static pressure, in. H2O	-0.01	-0.01	-0.01	*-0.01*
Ps - Stack absolute pressure, in. H2O	30.10	30.10	30.10	*30.10*
^H - Avg. meter press. diff., in. H2O	1.80	-	-	*1.80*
Tm - Absolute meter temperature, °R	533.0	-	-	*533.0*
Bws - Water vapor part in gas stream	0.143	-	-	*0.143*
Bws - Moisture @ Saturation	1.0	-	-	*1.0*
CO2 - Dry concentration, volume %	9.5	-	-	*9.5*
O2 - Dry concentration, volume %	4.1	-	-	*4.1*
Md - Mole wt. stack gas, dry, g/mole	29.684	-	-	*29.684*
Ms - Mole wt. stack gas, wet, g/gmole	28.014	-	-	*28.014*
Cp - Pitot tube coef., dimensionless	0.84	0.84	0.84	*0.84*
^p - Avg. of sq. roots of each^p	0.110	0.110	0.110	*0.110*
Ts - Absolute stack Temp. °R	967.9	968.0	968.9	*968.3*
A - Area of stack, square feet	5.59	5.59	5.59	*5.59*
Vs - Stack Gas Flow, ft/sec	8.49	8.49	8.50	*8.49*
An - Area of nozzle, square feet	0.00077	-	-	*0.00077*
ø - Sampling time, minutes	60	-	-	*60*
µs - Gas Viscosity, micropoise	272.51	272.54	272.80	*272.62*
Qstd - Volumetric flow rate, dscfm	1,338	1,338	1,338	*1,338*
Vm(std) - Standard sample gas vol., dscf	45.1710	45.1710	45.1710	*45.1710*

CARB Method 5 Particulate Emission Determination Field Data

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	1	Temp (Tstd):	68

SOURCE TEST CALIBRATION & STACK DATA

Std Pressure :	29.92	K-Factor :	7.255
Cold Box :	5	Mag Dp :	Mano
Meter # :	J	Mag Dh :	Mano
Meter Y :	1.0046	Static Pg :	-0.01
Time:	60	Stack Dia :	32
Amb Temp:	62.0	"A" Eqv Dia :	9.4
Pbar :	30.10	"B" Eqv Dia:	7.5
Pitot :	0.84	From Method 100 Sheet	
Pyro :	HT	dcO2 :	4.1
Nozzle :	0.375	dcCO2 :	9.5
Pre-pitot :	OK	Post Pitot :	OK
Qm:	0.75	pMd:	29.68
Delta H@:	1.7566	Bws:	0.2500

Start-Time 14:55

End-Time 15:55

Impinger Wt.

777.3	630.8
601.7	593.4
531.1	528.0
703.6	701.5
Total Vlc:	160.0

Sample Leak Checks

Pre :	0.001	in. Hg. :	18.0
Post :	0.001	in. Hg. :	3.0
pMs:	26.76	dcCO :	0.00
Constant:	846.72	Constant:	0.9244

FIELD TESTING DATA

	Traverse Points	Dwell Time	Stack Temp	Delta P In,H2O	Sqrt DP	Meter Volume	Delta H In,H2O	Meter Temp Inlet	Meter Temp Outlet	Meter Vacuum
1	1.0	0	506	0.01	0.100	21.732	1.8	64	66	3.0
2	3.4	5.0	506	0.01	0.100	25.4	1.8	71	67	3.0
3	6.3	10.0	507	0.01	0.100	29.2	1.8	73	68	3.0
4	10.5	15.0	508	0.02	0.141	32.9	1.8	74	68	3.0
5	22.0	20.0	509	0.02	0.141	36.6	1.8	75	69	3.0
6	26.2	25.0	509	0.01	0.100	40.3	1.8	76	70	3.0
7	29.1	30.0	509	0.01	0.100	44.1	1.8	77	72	3.0
8	31.5	35.0	508	0.01	0.100	48.0	1.8	78	73	3.0
9		40.0	504	0.01	0.100	51.7	1.8	78	73	3.0
10		45.0	506	0.01	0.100	55.4	1.8	79	74	3.0
11		50.0	508	0.01	0.100	59.2	1.8	79	74	3.0
12		55.0	508	0.02	0.141	62.9	1.8	80	74	3.0
13		60.0	509	0.02	0.141					
14			510	0.01	0.100					
15			510	0.01	0.100					
16			509	0.01	0.100					
		60.0				66.653				

FIELD DATA AVERAGES

O2 %	Average Vacuum	CO2 %	Time Minutes	Stack temp ts	H2O Vol. Vlc	Sqrt Dp Avg sqrtDp	Meter Vol Vm	Deta H Avg Dh	Meter temp tm
4.1	3.0	9.5	60	507.9	160.0	0.110	44.921	1.80	73.0

CARB Method 5 Particulate Emission Determination Calculations

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	1	Temp (Tstd):	68

	*** SOURCE FIELD DATA***		
Pbar	Barometer	30.10	
Y	Meter Calibration Fac.	1.0046	
Cp	Pitot Calibration Fac.	0.84	
Pg	Stack Static Pressure (in. H2O)	-0.01	
dcO2	Dry Concentration Oxygen	4.1	
dcCO2	Dry Concentration Carbon Monoxide	9.5	
tsd	Area Standard Temperature (deg F)	68.0	
ts	Temperature of Stack Gas (deg.F)	507.9	
μs	Stack Gas Viscosity (micropoise)	272.51	
tm	Temperature of Meter (deg.F)	73.0	
Delta P	Delta P Average (in H2O)	0.013	
sqrtDP	Average Square root Delta P	0.110	
Dh	Delta H Average (in H2O)	1.80	
Vlc	Total Volume of Condensable water (g)	160.0	
Vm	Dry gas Volume Measured (dcf)	44.921	
Ds	Stack Diameter (in.)	32.0	
An	Area of the Nozzle	0.00077	
Time	Sample duration (min)	60	
	*** INTERMEDIATE CALCULATIONS***		
Ps	Absolute Stack Pressure (in.Hg)	30.10	Ps =Pbar+Pg/13.6
Tstd	Area Standard Temperature (deg R)	528	Tstd =tsd+460
Ts	Temperature of Stack Gas (deg.R)	967.9	Ts =ts+460
Tm	Temperature of Meter (deg.R)	533.0	Tm =tm+460
Vwstd	Volume of water vapor standard (scf)	7.53	Vwstd =(0.04707/(528/(tsd+460)))*Vlc
Vmstd	Sample gas volume (dscf)	45.1710	Vmstd =Vm*Y*(Tstd/Tm)*((Pbar+Dh/13.6)/29.92)
Bws	Moisture Content Stack Gas	0.143	Bws =Vwstd/(Vwstd+Vmstd)
dcN2	Dry Concentration Nitrogen	86.4	dcN2=100-((dcO2)+(dcCO2))
Md	Molecular Weight Stack Gas (dry)	29.684	Md =(dcCO2*0.44)+(dcO2*0.32)+(dcN2*0.28)
Ms	Molecular Weight Stack Gas (wet)	28.014	Ms =(Md*(1-Bws))+18*Bws
As	Area of Stack (Ft^2)	5.59	As =3.141592654*(Ds/12)^2/4
	*** RESULTS***		
Vs	Stack Gas Velocity (ft/sec)	8.5	Vs =85.49*Cp*sqrtDp*(SQRT(Ts/(Ps*Ms)))
Qa	Stack Gas Flowrate (Acfm)	2,845	Vs =Vs*60*As
Qstd	Stack Gas Flowrate (Dscfm)	1,338	Qstd =60*(1-Bws)*Vs*As*(Tstd/Ts)*(Ps/29.92)

CARB Method 5 Particulate Emission Determination Field Data

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	2	Temp (Tstd):	68

SOURCE TEST CALIBRATION & STACK DATA

	Std Pressure :	29.92	K-Factor :	9.051	
	Cold Box :	5	Mag Dp :	Mano	Impinger Wt.
	Meter # :	J	Mag Dh :	Mano	
	Meter Y :	1.0046	Static Pg :	-0.01	
	Time:		Stack Dia :		
Start-Time	Amb Temp:	62.0	"A" Eqv Dia :		
15:15	Pbar :	30.10	"B" Eqv Dia:		
	Pitot :	0.84	From Method 100 Sheet		Total Vlc: 0.0
End-Time	Pyro :	HT	dcO2 :	4.1	Sample Leak Checks
	Nozzle :	0.375	dcCO2 :	9.5	Pre : in. Hg. :
	Pre-pitot :	OK	Post Pitot :	OK	Post : in. Hg. :
	Qm:	0.75	pMd:	29.68	pMs: 28.01 dcCO : 0.00
	Delta H@:	1.7566	Bws:	0.1429	Constant: 846.72 Constant: 0.9244

FIELD TESTING DATA

	Traverse Points	Dwell Time	Stack Temp	Delta P In,H2O	Sqrt DP	Meter Volume	Delta H In,H2O	Meter Temp Inlet	Meter Temp Outlet	Meter Vacuum
1	1.0		507	0.01	0.100		1.8	64	66	3.0
2	3.4		508	0.01	0.100		1.8	71	67	3.0
3	6.3		508	0.02	0.141		1.8	73	68	3.0
4	10.5		510	0.02	0.141		1.8	74	68	3.0
5	22.0		510	0.01	0.100		1.8	75	69	3.0
6	26.2		509	0.01	0.100		1.8	76	70	3.0
7	29.1		508	0.01	0.100		1.8	77	72	3.0
8	31.5		507	0.02	0.141		1.8	78	73	3.0
9			504	0.01	0.100		1.8	78	73	3.0
10			506	0.01	0.100		1.8	79	74	3.0
11			508	0.02	0.141		1.8	79	74	3.0
12			509	0.01	0.100		1.8	80	74	3.0
13			510	0.01	0.100					
14			509	0.01	0.100					
15			507	0.01	0.100					
16			508	0.01	0.100					
		0.0								

FIELD DATA AVERAGES

O2 %	Average Vacuum	CO2 %	Time Minutes	Stack temp ts	H2O Vol. Vlc	Sqrt Dp Avg sqrtDp	Meter Vol Vm	Deta H Avg Dh	Meter temp tm
4.1	3.0	9.5		508.0	0.0	0.110	0.0	1.800	73.0

CARB Method 5 Particulate Emission Determination Calculations

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	2	Temp (Tstd):	68

	*** SOURCE FIELD DATA***		
Pbar	Barometer	30.10	
Cp	Pitot Calibration Fac.	0.84	
Pg	Stack Static Pressure (in. H2O)	-0.01	
dcO2	Dry Concentration Oxygen	4.1	
dcCO2	Dry Concentration Carbon Monoxide	9.5	
tsd	Area Standard Temperature (deg F)	68.0	
ts	Temperature of Stack Gas (deg.F)	508.0	
μs	Stack Gas Viscosity (micropoise)	272.54	
Delta P	Delta P Average (in H2O)	0.013	
sqrtDP	Average Square root Delta P	0.110	
	*** INTERMEDIATE CALCULATIONS***		
Ps	Absolute Stack Pressure (in.Hg)	30.10	
Tstd	Area Standard Temperature (deg R)	528	
Ts	Temperature of Stack Gas (deg.R)	968.0	
Bws	Moisture Content Stack Gas	0.143	
dcN2	Dry Concentration Nitrogen	86.4	
Md	Molecular Weight Stack Gas (dry)	29.684	
Ms	Molecular Weight Stack Gas (wet)	28.014	Ps =Pbar+Pg/13.6
As	Area of Stack (Ft^2)	5.59	Tstd =tsd+460
	*** RESULTS***		Ts =ts+460
Vs	Stack Gas Velocity (ft/sec)	8.49	Tm =tm+460
Qa	Stack Gas Flowrate (Acfm)	2,845	Vwstd =(0.04707/(528/(tsd+460)))*Vlc
Qstd	Stack Gas Flowrate (Dscfm)	1,338	Vmstd =Vm*Y*(Tstd/Tm)*((Pbar+Dh/13.6)/29.92)

CARB Method 5 Particulate Emission Determination Field Data

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	3	Temp (Tstd):	68

SOURCE TEST CALIBRATION & STACK DATA

	Std Pressure :	29.92	K-Factor :		
	Cold Box :	5	Mag Dp :	Mano	
	Meter # :	J	Mag Dh :	Mano	
	Meter Y :	1.0046	Static Pg :	-0.01	
	Time:		Stack Dia :	32	
Start-Time	Amb Temp:	62.0	"A" Eqv Dia :		
	Pbar :	30.10	"B" Eqv Dia:		
	Pitot :	0.84	From Method 100 Sheet		
End-Time	Pyro :	HT	dcO2 :	4.1	
	Nozzle :	0.375	dcCO2 :	9.5	
	Pre-pitot :	OK	Post Pitot :	OK	
	Qm:	0.75	pMd:	29.68	
	Delta H@:	1.7566	Bws:	0.1429	

Impinger Wt.

Total Vlc:	

Sample Leak Checks

Pre :		in. Hg. :	
Post :		in. Hg. :	
pMs:	28.01	dcCO :	0.00
Constant:	846.72	Constant:	0.9244

FIELD TESTING DATA

	Traverse Points	Dwell Time	Stack Temp	Delta P In,H2O	Sqrt DP	Meter Volume	Delta H In,H2O	Meter Temp Inlet	Meter Temp Outlet	Meter Vacuum
1	1.0		510	0.01	0.100		1.80	64	66	3.0
2	3.4		510	0.01	0.100		1.80	71	67	3.0
3	6.3		509	0.02	0.141		1.80	73	68	3.0
4	10.5		509	0.02	0.141		1.80	74	68	3.0
5	22.0		508	0.01	0.100		1.80	75	69	3.0
6	26.2		508	0.02	0.141		1.80	76	70	3.0
7	29.1		508	0.01	0.100		1.80	77	72	3.0
8	31.5		509	0.01	0.100		1.80	78	73	3.0
9			509	0.01	0.100		1.80	78	73	3.0
10			508	0.02	0.141		1.80	79	74	3.0
11			508	0.01	0.100		1.80	79	74	3.0
12			509	0.01	0.100		1.80	80	74	3.0
13			509	0.01	0.100					
14			510	0.01	0.100					
15			510	0.01	0.100					
16			509	0.01	0.100					

FIELD DATA AVERAGES

O2 %	Average Vacuum	CO2 %	Time Minutes	Stack temp ts	H2O Vol. Vlc	Sqrt Dp Avg sqrtDp	Meter Vol Vm	Deta H Avg Dh	Meter temp tm
4.1	3.0	9.5		508.9	0.0	0.110	0.0	1.800	73.0

CARB Method 5 Particulate Emission Determination Calculations

Client :	Sentinel Peak Resources	Date :	2/15/2018
Site :	Los Angeles	Job # :	19089
Unit :	RADCO Heater	Lab # :	218-013
Run # :	3	Temp (Tstd):	68

*** SOURCE FIELD DATA***

Pbar	Barometer	30.10	
Cp	Pitot Calibration Fac.	0.84	
Pg	Stack Static Pressure (in. H2O)	-0.01	
dcO2	Dry Concentration Oxygen	4.1	
dcCO2	Dry Concentration Carbon Monoxide	9.5	
tsd	Area Standard Temperature (deg F)	68.0	
ts	Temperature of Stack Gas (deg.F)	508.9	
μs	Stack Gas Viscosity (micropoise)	272.80	
Delta P	Delta P Average (in H2O)	0.013	
sqrtDP	Average Square root Delta P	0.110	
Ds	Stack Diameter (in.)	32.0	

*** INTERMEDIATE CALCULATIONS***

Ps	Absolute Stack Pressure (in.Hg)	30.10	Ps =Pbar+Pg/13.6
Tstd	Area Standard Temperature (deg R)	528	Tstd =tsd+460
Ts	Temperature of Stack Gas (deg.R)	968.9	Ts =ts+460
Bws	Moisture Content Stack Gas	0.143	Bws =Vwstd/(Vwstd+Vmstd)
dcN2	Dry Concentration Nitrogen	86.4	dcN2=100-((dcO2)+(dcCO2))
Md	Molecular Weight Stack Gas (dry)	29.684	Md =(dcCO2*0.44)+(dcO2*0.32)+(dcN2*0.28)
Ms	Molecular Weight Stack Gas (wet)	28.014	Ms =(Md*(1-Bws))+18*Bws
As	Area of Stack (Ft^2)	5.59	As =3.141592654*(Ds/12)^2/4

*** RESULTS***

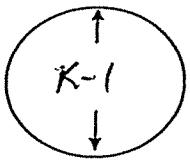
Vs	Stack Gas Velocity (ft/sec)	8.50	Vs =85.49*Cp*sqrtDp*(SQRT(Ts/(Ps*Ms)))
Qa	Stack Gas Flowrate (Acfm)	2,847	Vs =Vs*60*As
Qstd	Stack Gas Flowrate (Dscfm)	1,338	Qstd =60*(1-Bws)*Vs*As*(Tstd/Ts)*(Ps/29.92)

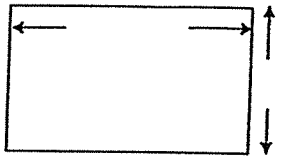
AIRX TESTING

Plant: Sentinel Peak Resources | Amb. Temp: 62 | Nozzel: 3/8
Location: LM | Pbar: 30.1 | Prob Heat: —
Unit: Radco Heater | Pitot: HT | Wind Vel.: Calm
Date: 2-15-18 | Pyro: HT | Static Press.: -.01
Run #: 1 | Mag Δ P: MWD | O2:
Cold Box: 2 | Mag Δ H: MWD | CO2:
Meter #: J | % H2O: — | Engineer: KK
Meter Factor: 1.0546 | Box Heat: — | Technician: WH

Stack Dia.: 32" | "A": 25' | "B": 20' | Port Size: 2" | Offset: 3" | M/F: F

Stack Sample Port Location





Imp.	Gross	Tare	Total
1	773	630.8	
2	601.7	573.4	
3	536.1	528.0	
4	703.6	701.5	

Filter 1: 150.0

START TIME: 14:55 | END TIME: 15:55 | "K" FACTOR: | Filter 2:

Point No.	Traverse Distance	Time Minutes	Stack °F	Δ P	√Δ P	Dry Gas Meter Volume	Δ H In H2O	Inlet ° F	Outlet ° F	Impinger Exit° F	Meter Vacuum	Filter Temp.°F	Cyl. Flow
1	1.0	0	505	.01		21.732	1.8	64	66	50	3		
2	3.4	5	506	.01		25.4	1.8	71	67	50	3		
3	6.3	10	507	.01		29.2	1.8	73	68	50	3		
4	10.5	15	508	.02		32.9	1.8	74	68	50	3		
5	22	20	509	.02		36.6	1.8	75	69	51	3		
6	26.2	25	509	.01		40.3	1.8	76	70	51	3		
7	29.1	30	509	.01		44.1	1.8	77	72	51	3		
8	31.5	35	508	.01		48.0	1.8	78	73	52	3		
1		40	504	.01		51.7	1.8	78	73	52	3		
2		45	506	.01		55.4	1.8	79	74	52	3		
3		50	508	.01		59.2	1.8	79	74	51	3		
4		55	508	.02		62.9	1.8	80	74	51	3		
5		60	509	.02		66.653							
6			510	.01									
7			510	.01									
8			509	.01									
Average:	1.0	509		0.110	1.44.92		1.80		73.0		3.0		

Leak Checks: Pitots

Pre	Top	Bottom
ΔP	0/3.7	0/3.8

Post	Top	Bottom
ΔP	0/3.2	0/3.8

Sample Train Leak Check

CFM:	1.001	In. HG:	15	
CFM:	1.001	In. HG:	3	18

AIRX TESTING SERVICES Inc.

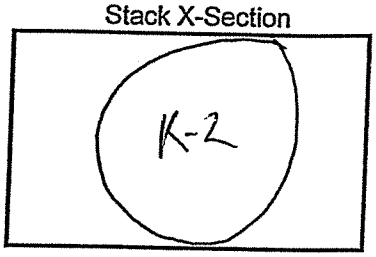
VELOCITY TRAVERSE DATA

Client : Sentinal Peak Resources
Site : CA
Unit : Radco Heater

Date : 2-15-18
Client # : 19094
Lab # : 218-013

Time : 15:15
Stack Diameter : 32 In
Baro. Press : 30.1 In Hg
Static Press : -.01 In H2O
Pitot Type : S
Pitot Coefficent : .840
Stack Gas MW : —

Stack X-Section



Traverse Point No.	Traverse Point Distance	ΔP In. H2O	SQRT ΔP In. H2O	Stack Temp. °F	Null Angle ΔP In. H2O	Null ΔP Angle°
1	1.0	.01		507		
2	3.4	.01		508		
3	6.3	.02		508		
4	10.5	.02		510		
5	22.0	.01		510		
6	26.2	.01		509		
7	28.1	.01		508		
8	31.5	.02		507		
1		.01		504		
2		.01		506		
3		.02		508		
4		.01		509		
5		.01		510		
6		.01		509		
7		.01		507		
8		.01		508		
AVERAGE			0.110	508.0		

Pitot Leak Check Pre: Top 0/3.9 Bottom 01-3.8
Post: Top 0/4.2 Bottom 0/3.3

Notes:

AIRX TESTING SERVICES Inc.

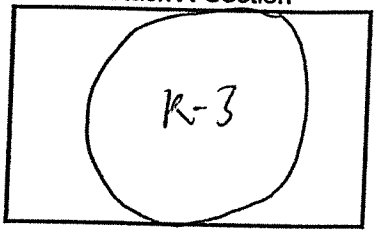
VELOCITY TRAVERSE DATA

Client : Sentinel Peak Resources
Site : CA
Unit : Radar Heater

Date : 2-15-18
Client # : 19094
Lab # : 218-013

Time : 15:40
Stack Diameter : 32 In
Baro. Press : 30.1 In Hg
Static Press : -.01 In H2O
Pitot Type : S
Pitot Coefficent : .840
Stack Gas MW : —

Stack X-Section



Traverse Point No.	Traverse Point Distance	ΔP In. H2O	SQRT ΔP In. H2O	Stack Temp. °F	Null Angle ΔP In. H2O	Null ΔP Angle°
1	1.0	.01		510		
2	3.4	.01		510		
3	6.3	.02		509		
4	10.5	.02		509		
5	22.0	.01		508		
6	26.2	.02		508		
7	29.1	.01		508		
8	31.5	.01		509		
1		.01		507		
2		.02		508		
3		.01		508		
4		.01		509		
5		.01		509		
6		.01		510		
7		.01		510		
8		.01		509		
AVERAGE		6.110		508.9		

Pitot Leak Check Pre: Top 0/3.9 Bottom 01-4.3
Post: Top 0/3.2 Bottom 01-3.7

Notes:

20

Method 1: Sample and Velocity Traverses for Stationary Sources

Principle:

To aid in the representative measurements of pollutant emissions and/or total volumetric flow rate from a stationary source, a measurement site where the effluent stream is flowing in a known direction is selected and the cross-section of the stack is divided into a number of equal areas. A traverse point is then located within each of these equal areas.

Not applicable when:

1) The flow is cyclonic,
2) The stack is smaller than 0.30 meter (12 in.) or 0.071 m^2 (113 $in.^2$)
3) The measurement site is < 2 diameter downstream or < ½ diameter upstream from a flow disturbance

Rectangular stack: → Equivalent diameter: De = 2LW / (L+W)

Cyclonic flow: → May exist after such devices as cyclones, demisters and venturi scrubbers.

- If the pitot reading is not zero at the 0° reference, rotate the pitot tube until a null reading is obtained.
- Record the value of the rotation angle (α) to the nearest degree.
- Repeat for each traverse point.
- If the average value of α is < 20°, flow is not cyclonic (EPA, CARB)
- If the average value of α is < 10°, flow is not cyclonic (SCAQMD)

Note

- For stacks > 24 in., no traverse point shall be located within 1 in. of the stack wall
- For stacks < 24 in., no traverse point shall be located within ½ in. of the stack wall

EPA Method 2, CARB 2, SCAQMD Method 2.1

Determination of Stack gas Velocity and Volumetric Flow Rate

Principle: The average gas velocity in a stack is determined from the gas density and from measurement of the average velocity head with a Type S or standard pitot tube.

Not applicable when:

1) The flow is cyclonic
2) The stack is smaller than 0.30 meter (12 in.) or 0.071 m^2 (113 $in.^2$);
3) The measurement site is < 2 diameter downstream or ½ diameter upstream from a flow disturbance.

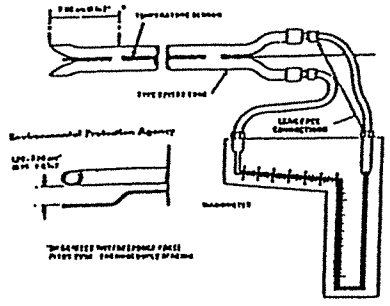
What to do when confronted with one of these three situations:
→ install straightening vanes;
→calculate volumetric flow rate stochiometrically;
→ move to another measurement site where flow is acceptable.

Apparatus

- Type S Pitot Tube → shall have known coefficient and identification number engraved on it
- Differential Pressure Gauge → inclined manometer
- Temperature Gauge → Thermocouple
- Barometer
- Gas density determination equipment → Method 3 (gas molecular weight), Method 4 or 5 (moisture)

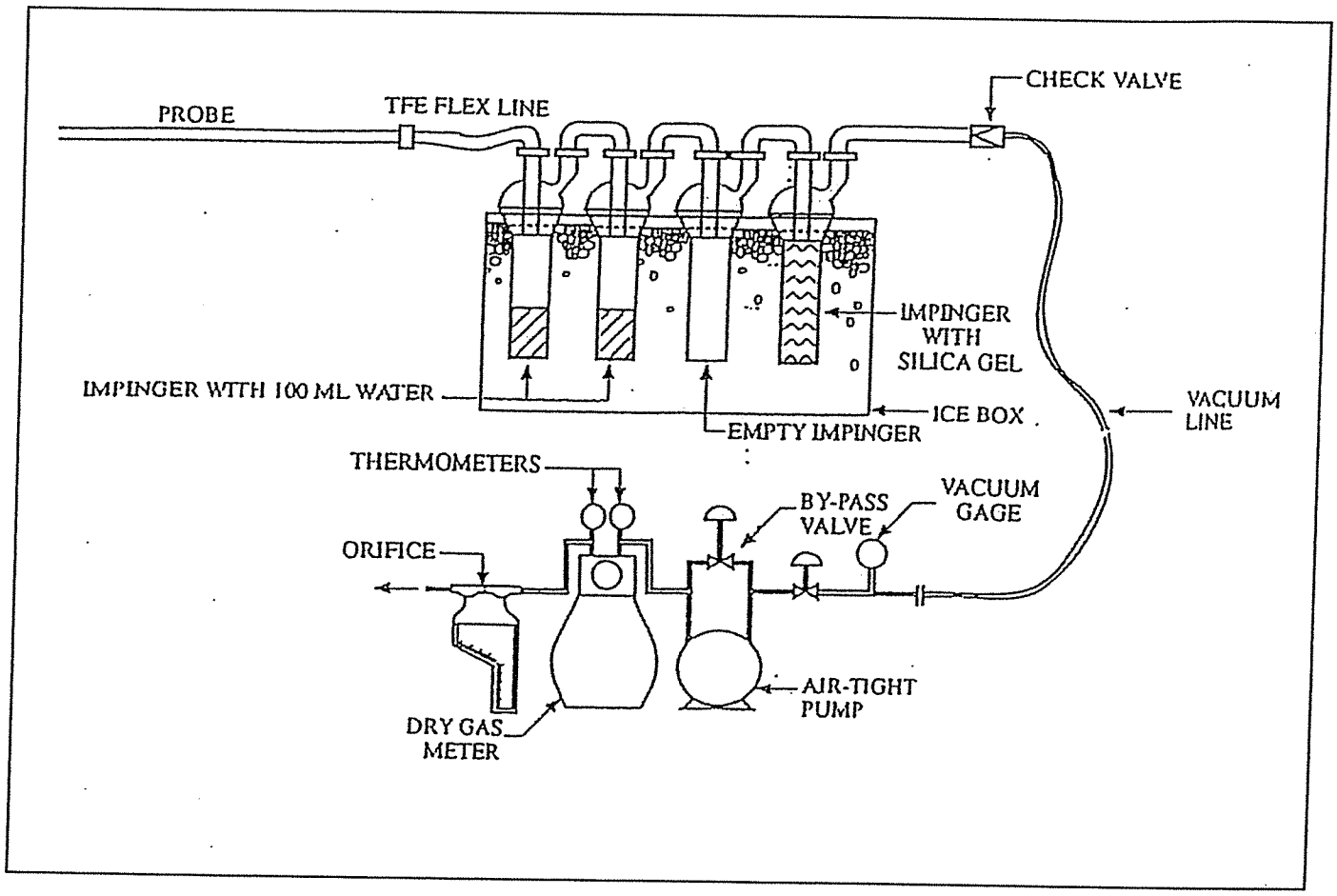
Procedure

- Set up as as shown in the figure;
- Conduct leak check:
  1. blow thru pitot impact opening until at least 3 inches H_2O velocity pressure registers
  2. Close off impact opening; The pressure shall remain stable for 15 seconds
  3. Do the same for the static pressure side, except using suction to obtain the minimum 3 inches
- Level and zero the manometer
- Measure the velocity head and temperature at the traverse points; conduct a post-test leak check
- Measure the static pressure in the stack (one reading is enough)
- Determine the atmospheric pressure
- Determine stack gas molecular weight:
  1. For combustion processes → perform independent measurements for O_2, CO_2 and H_2O concentration
  2. For processes emiting essentially air → use 29 g/mole



The stack gas velocity is determined from the measured average velocity head, the measured dry concentrations of O_2 and CO_2 and the measured concentration of H_2O.

EPA Method 4, SCAQMD Method 4.1, CARB Method 4



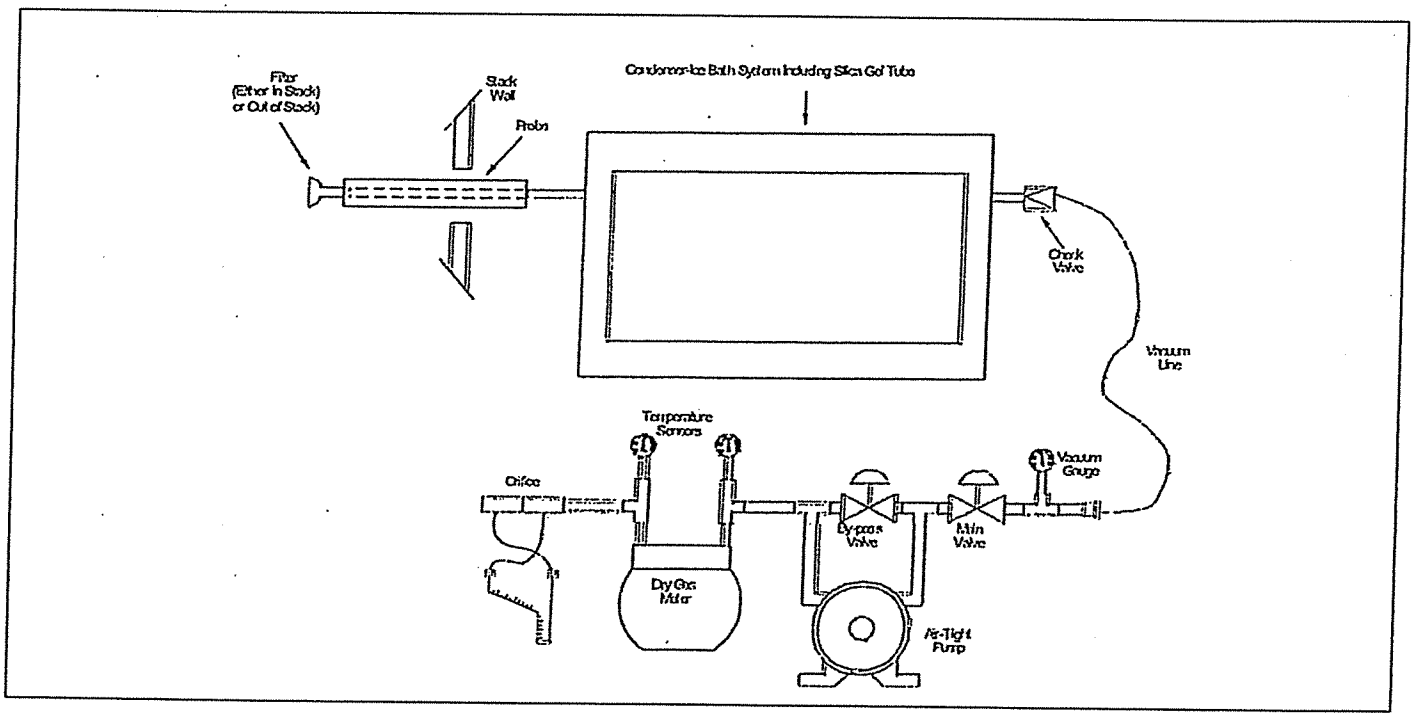
EPA Method 4, SCAQMD Method 4.1, CARB Method 4

Determination of Moisture Content in Stack Gases

Principle: A gas sample is extracted at a constant rate from the source; moisture is removed from the sample stream and determined either volumetrically or gravimetrically.

Sampling Procedure:

- Often conducted simultaneously with a pollutant emission run
- Set up train as shown in the following figure
- Sample is drawn at a constant rate through a sufficiently heated probe.
- Probe is connected to the impinger train by Teflon or glass tubing.
- The train consists of two greesburg smith impinger (SCAQMD 4.1) or one modified and 1 greensburg smith impinger (CARB & EPA) each containing 100 ml of water, an empty impinger as a knock-out and an impinger containing silica gel to protect the pump from moisture.



Sample Recovery and Analyses:

Moisture content is determined gravimetrically or volumetricallty from initial and final impinger contents weights or volume.

Applicability:

May yield ***questionable results*** when applied to ***saturated gas streams*** that contain water droplets. When these conditions are suspected, a second determination of the moisture shall be made simultaneously with the reference method, as follows:

- ✓ Assume gas stream is saturated
- ✓ Measure stack gas temperature at each traverse point
- ✓ Calculate average stack gas temperature
- ✓ Determine moisture % by using a psychrometric chart or saturation vapor pressure tables.

DRY GAS METER CALIBRATION

Standard Pressure	29.92	in. hg.	Unit Number J
Standard Temperature	60	F	Date: 1/16/2018
Ambient pressure	30.13	in. hg.	
Ambient temperature	49	F	

	WET GAS		DRY GAS	Temperature					
ΔH in. H20	TIME min.	VOL. cf	VOL. in/out cf	W.G. AVG F	D.G. IN F	D.G. OUT F	D.G. AVG. F	*Y	†ΔH@ in. H20
			933.578		71.0	67.0			
0.75	9.85	5.000	938.518	72.0	69.0	66.0	68.3	1.0032	1.6511
			938.518		70.0	70.0			
0.75	9.89	5.000	943.500	72.0	72.0	72.0	71.0	0.9999	1.6559
			943.500		72.0	72.0			
0.75	9.90	5.000	948.482	72.0	72.0	74.0	72.5	1.0027	1.6546
			948.882		72.0	74.0			
1.50	7.18	5.000	953.888	72.0	75.0	72.0	73.3	0.9975	1.7381
			954.534		75.0	72.0			
1.50	7.18	5.000	959.541	72.0	76.0	73.0	74.0	0.9987	1.7357
			960.461		76.0	73.0			
1.50	7.18	5.000	965.468	72.0	77.0	76.0	75.5	1.0015	1.7308
			966.909		76.0	74.0			
2.25	5.92	5.000	971.856	73.0	77.0	74.0	75.3	1.0094	1.7725
			971.856		77.0	74.0			
2.25	5.92	5.000	976.843	73.0	77.0	74.0	75.5	1.0018	1.7716
			976.843		77.0	74.0			
2.25	5.93	5.000	981.825	72.0	78.0	75.0	76.0	1.0056	1.7693
			991.311		66.0	65.0			
3.0	5.23	5.000	996.192	69.0	66.0	65.0	65.5	1.0102	1.8506
			996.192		66.0	66.0			
3.0	5.23	5.000	1001.082	69.0	67.0	65.0	66.0	1.0093	1.8489
			1001.082		67.0	66.0			
3.0	5.23	5.000	1005.990	69.0	67.0	66.0	66.5	1.0066	1.8471
			1007.005		68.0	67.0			
3.75	4.65	5.000	1011.900	70.0	69.0	68.0	68.0	1.0084	1.8269
			1011.900		69.0	68.0			
3.75	4.68	5.000	1016.816	70.0	71.0	68.0	69.0	1.0060	1.8470
			1016.816		70.0	69.0			
3.75	4.67	5.000	1021.727	70.0	72.0	68.0	69.8	1.0084	1.8365
						AVERAGE		1.0046	1.7691

Validity checks:

Meter Factor: 1.0046

* Y(max - min) ≤.02 ? √

† | ΔH@ - ΔH@ avg. | ≤ .20 in. H20 ? √

ΔH@ : 1.7691

Calibration by: FT Reviewed by: KK

EQUATIONS USED:

Y= (VWG*PBAR*(TDGavg.+460))/((VDG*(PBAR+(ΔH/13.6))*(TWGavg.+460))

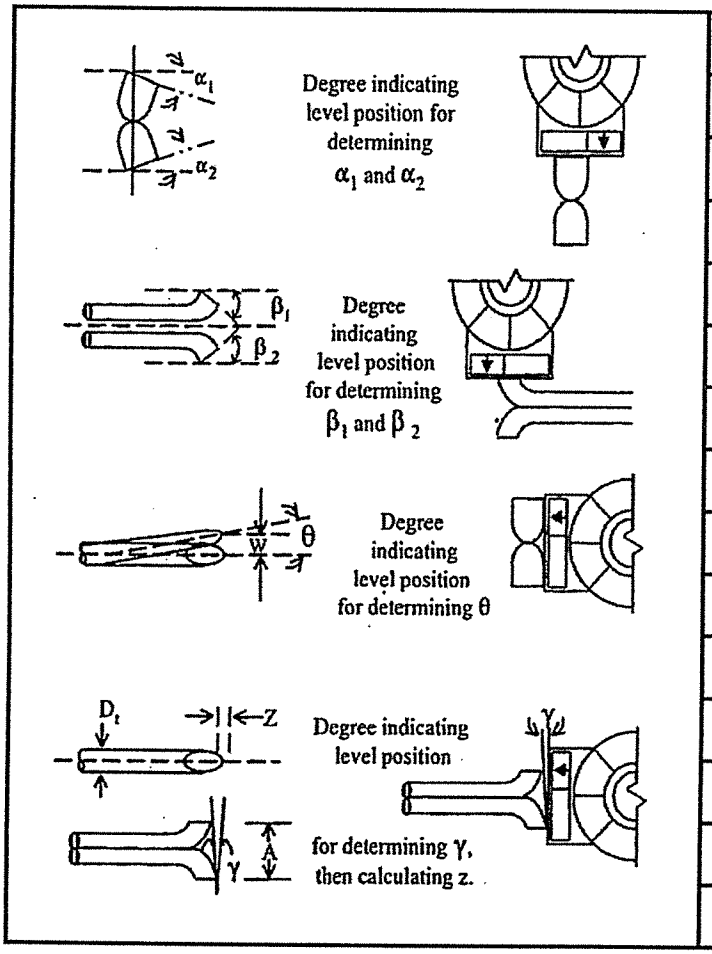
ΔH@ = ((0.0319*ΔH)/(PBAR*(TDGavg+460))*(((TWG+460)*T)/VWG)^2

TYPE S PITOT TUBE INSPECTION SHEET

CAL DATE: 1/16/2018

NEXT DUE DATE: Jul-18

PITOT ID: PT-HT



Parameter	Values	Allowable Range
Level and Perpendicular?	Yes OR No	Yes
Obstruction?	Yes OR No	No
Damaged?	Yes OR No	No
α1	-1	$-10° \leq \alpha1 \leq +10°$
α2	-1	$-10° \leq \alpha2 \leq +10°$
β1	4	$-5° \leq \beta1 \leq +5°$
β2	2	$-5° \leq \beta2 \leq +5°$
γ	1	NA
θ	2	NA
Z = A (tan γ)	0.013	≤ 0.125 in.
W = A (tan θ)	0.026	≤ 0.031 in.
Dt	0.25	$0.188 \leq Dt \leq 0.375$
A	0.75	NA
A/2/(Dt)	1.50	$1.05 \leq PA/Dt \leq 1.5$

Certification:

I certify that this pitot tube meets or exceeds all specifications, criteria and/or applicable design features and is hereby assigned a pitot tube calibration factor Cp of 0.84.

Certified By: KK **Date:** 1/16/2018

PYROMETER CALIBRATION

Date: 1-17-2018 Unit: HT

Point	* Standard Temperature *Tstd* deg. F	Pyrometer Temperature *Tpyr* deg. F	Error %
1 Ambient	65	66	0.19%
2 Ice	32	32	0.00%
3 Boil	212	213	0.15%

Std. Corr. Factor 0.993

Calibration by: FT *Standard ID: T-1

Reviewed by: KK

AIR Testing Inc.

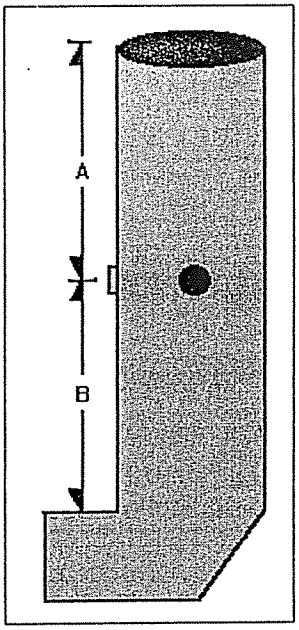
HEATER DATA SHEET

Client : Sentinel Peak Resources
Site : LA
Unit : Radco Heater

Date : 7-15-18
Job # : 19094
Lab # : 718-013

Make: Radco
S/N: D273
Model H-100
BTU/hr Rating 13.26 MMBTU/hr
Fuel Type: NG
FGR Equipped: —

Stack Diameter: 32"
"A" Distance: 25'
"B" Distance: 20'
Port Size: 2
M or F: F
Offset: 3



Boiler Load: Run 1: Run 2: Run 3: % of Rating

FGR Setting: Run 1: Run 2: Run 3:

Notes:

APPENDIX B SCAQMD METHOD 100.1

COMPLIANCE TEST
60 Degrees F

CONTINUOUS EMISSIONS MONITORING - SCAQMD METHOD 100.1

Client : Sentinel Peak Resources
Site : Los Angeles
Unit : RADCO Heater

Date : 2/15/2018
Job# : 19094
Lab# : 218-013

FIELD DATA

Test Length 60 mins. Points 61

Standard Temperature: **60** ° *F*

Drift Corrected Emissions Data

NOx	16.9	ppm
O2	4.1	%
CO	83.9	ppm
CO2	9.5	

Exhaust Flow 1318 dscfm
F-Factor 8527 dscf/MMBtu @ 60F

Equations used;
NOx or CO @ 3% O2 = ppm *17.9/(20.9-O2)
Tfact = (10^-6*(29.92/(21.85*(460+Tstd)))*60
lb/hr = [ppmv] * Q * MW * (Tfact)
lb/MM Btu = (lb/hr)/(60*Qstd) * "F" Factor * 20.9/(20.9-O2)
MW NOx = 46; CO = 28

CALCULATED EMISSIONS

NOx	18.0	ppm @ 3% O2
	0.16	lb/hr
	0.022	lb/MMBtu
CO	89.2	ppm @ 3% O2
	0.49	lb/hr
	0.065	lb/MMBtu

RECLAIM TEST
68 Degrees F

CONTINUOUS EMISSIONS MONITORING - SCAQMD METHOD 100.1

Client : Sentinel Peak Resources
Site : Los Angeles
Unit : RADCO Heater

Date : 2/15/2018
Job# : 19094
Lab# : 218-013

FIELD DATA

Test Length 40 mins. Points 41

Standard Temperature: 68 ° *F*

Drift Corrected Emissions Data

NOx	16.9	ppm
O2	4.1	%
CO	83.9	ppm
CO2	9.5	

Exhaust Flow	1338	dscfm
F-Factor	8659	dscf/MMBtu @ 68F

Equations used;
NOx or CO @ 3% O2 = ppm *17.9/(20.9-O2)
Tfact = (10^-6*(29.92/(21.85*(460+Tstd)))*60
lb/hr = [ppmv] * Q * MW * (Tfact)
lb/MM Btu = (lb/hr)/(60*Qstd) * "F" Factor * 20.9/(20.9-O2)
MW NOx = 46; CO = 28

CALCULATED EMISSIONS

NOx	18.0	ppm @ 3% O2
	0.16	lb/hr
	0.022	lb/MMBtu
CO	89.2	ppm @ 3% O2
	0.49	lb/hr
	0.065	lb/MMBtu

Facility: SPR
Source: Radco Heater
Job No.: 218-013
Test Date: 2/15/2018

Method 100.1 Performance Data

PRETEST
LEAK CHECK

** LINEARITY CHECK **

RANGE :	10 O2	200 CO	50 Nox	20 CO2
ZERO				
Instrument	-0.1	-0.6	-0.2	-0.1
Cylinder	0.0	0.0	0.0	0.0
Difference (%)	0.5	0.3	0.3	0.4
LOW LEVEL				
Instrument				
Cylinder				
Difference (%)	0.0	0.0	0.0	0.0
MID LEVEL				
Instrument	4.1	78.7	20.3	8.2
Cylinder	4.06	79.9	20.2	8.03
Difference (%)	-0.2	0.6	-0.2	-0.9
HIGH LEVEL				
Instrument	7.8	179	41.3	17.6
Cylinder	7.83	179	41.3	17.5
Difference (%)	0.1	-0.1	0.1	-0.5

POST TEST
LEAK CHECK

	10 O2	200 CO	50 Nox	20 CO2
ZERO				
Instrument	0.0	-0.4	0.0	0.1
Cylinder	0.0	0.0	0.0	0.0
Difference (%)	-0.3	0.2	-0.1	-0.4
LOW LEVEL				
Instrument				
Cylinder				
Difference (%)	0.0	0.0	0.0	0.0
MID LEVEL				
Instrument	4.1	78.8	20.2	8.1
Cylinder	4.06	79.9	20.2	8.03
Difference (%)	0.0	0.5	0.0	-0.6
HIGH LEVEL				
Instrument	7.8	179	41.4	17.6
Cylinder	7.83	179	41.3	17.5
Difference (%)	0.1	0.2	-0.2	-0.5

SYSTEM BIAS
PreTest
NOx
20.3
20.2
-0.2
pass
O2
4.1
4.06
0.1
pass
CO
79.8
79.9
0.0
pass
CO2
8.0
8.03
0.0
pass
Post test
NOx
20.2
20.2
0.1
pass
O2
4.0
4.06
0.3
pass
CO
80.6
79.9
-0.3
pass
CO2
8.2
8.03
-0.8
pass

STRATIFICATION TEST

POINT	SAMPLE CONC. NOX	O2
c		
A-1		
c	TRAVERSED	
A-2		
c		
A-3		
c		
A-4		
c		
c		
B-1		
c		
B-2		
c		
B-3		
c		
B-4		
c		
AVERAG	0	#DIV/0!
SAMP. PT.		

System Response Time (seconds)

	#1	#2	#3
Upscale			
NOx			
CO			
O2			
CO2			
Downscale			
NOx			
CO			
O2			
CO2			

NO2 to NO Converter Effeciency (%)

	cylinder	instr.	effeciency
ppm	19.5	19.0	97.2

Bias Adjustment

Facility: Los Angeles
Source: RADCO Heater
Date: 02/15/18

Run No. 1

Parameter	Measured Conc. (ppm,%)	Reference Span gas (ppm.%)	Initial Bias Zero (ppm.%)	Final Bias Zero (ppm.%)	Average Bias Zero (ppm.%)	Initial Bias Span (ppm.%)	Final Bias Span (ppm.%)	Average Bias Span (ppm.%)	Bias Adjusted Conc. (ppm.%)
NOx	17.5	19.5	-0.3	0.0	-0.1	20.3	20.2	20.2	**16.9**
O2	4.1	4.06	-0.2	0.0	-0.1	4.1	4.0	4.0	**4.1**
CO	84.2	79.9	-1.8	0.1	-0.9	79.8	80.6	80.2	**83.9**
CO2	9.7	8.03	-0.9	0.0	-0.5	8.0	8.2	8.1	**9.5**

EMISSIONS TEST - C.A.R.B. METHOD 100

Date: 2/15/2018 Lab No.: 218-013

**** Test Information **** **** Personnel ****

Client: Sentinel Peak Resources
County: Los Angeles
Site(s): Los Angeles
Unit(s): RADCO Heater

AIRx: KK/WH
Client: JN
APCD: None

Run Length:	60	Inlet ( )	Outlet (X)	Fuel (X)	HC's ( )	
No. Points:	61	S.T. (X)	E.I. ( )	Data ( )	H2S ( )	NH3 ( )

	Time	Baro.	Temp.	Weather.
Arrive:	7:15 AM	30.10	62	Clear
Depart:	16:45:00 PM	30.10	64	Clear

**** Instrument Information ****

Instrument	"On"	Unit#	Make/Model
NOx:	1	1	API 200EH
O2:	1	9	Servomex 1400
CO:	1	2	API 300EM
CO2:	1	7	Servomex 1400

Recorders:	Soltec 6 pen	10	cm/hr

**** Calibration Information ****

	Units	Zero	Span	Range	Gas Cyl.#	Gas Flow
Outlet NOx:	ppmv	0	19.5	50	DT0012907	0.6
NOx:	ppmv	0	41.3	50	SA12436	0.6
O2:	%	0	4.06	10	CC204064	0.6
O2:	%	0	7.86	10	CC77079	0.6
CO:	ppmv	0	79.9	200	CC243872	1.0
CO:	ppmv	0	179	200	CC14552	1.0
NO2:	ppmv	0	19.5	25	ALM054856	0.6
CO2:	%	0	8.03	20	CC204064	0.6
CO2:	%	0	17.5	20	CC77079	0.6

**** Recorder Information ****

		Chanl.	Pen Type	Color
NOx:	ppmv	1	Cont.	Black
CO:	ppmv	3	Cont.	Red
O2:	%	2	Cont.	Green
CO2:	%	4	Cont.	Blue

JOB# 218-013 Date: 2/15/2018
RUN# R1
RUN START: 14:55
UNIT: RADCO Heater

O2, %	CO2, %	NOx, ppm @ 3% O2	CO, ppm @ 3% O2	TIME
4.1	**9.7**	**18.7**	**89.7**	**Averages**
3.8	9.8	18.7	87.0	14:55
3.8	9.8	18.6	95.8	14:56
3.9	9.8	18.7	85.9	14:57
3.9	9.8	18.9	89.8	14:58
3.8	9.8	18.8	110	14:59
3.9	9.8	18.7	98.7	15:00
4.0	9.7	19.4	85.6	15:01
4.0	9.7	19.2	82.8	15:02
3.9	9.8	18.5	99.9	15:03
3.9	9.8	18.4	110.5	15:04
3.9	9.8	19.1	95.8	15:05
3.9	9.8	18.6	98.9	15:06
3.9	9.8	19.3	105.3	15:07
4.0	9.7	19.1	84.4	15:08
3.9	9.8	19.0	90.3	15:09
3.8	9.8	19.2	85.9	15:10
3.9	9.8	18.6	107	15:11
4.0	9.8	19.0	103	15:12
3.9	9.8	18.7	123	15:13
3.8	9.9	18.3	122	15:14
3.7	9.9	18.2	109	15:15
4.0	9.7	18.7	75.9	15:16
4.0	9.7	18.4	84.4	15:17
4.0	9.7	18.3	73.8	15:18
4.0	9.7	18.9	91.0	15:19
4.0	9.7	18.8	71.8	15:20
4.0	9.8	18.5	79.3	15:21
3.9	9.8	18.4	89.8	15:22
6.7	8.0	24.6	117	15:23
4.0	9.7	17.7	100	15:24
4.1	9.7	18.2	92.2	15:25
4.0	9.7	18.4	84.3	15:26
4.1	9.7	18.5	70.2	15:27
4.0	9.7	18.2	98.3	15:28
4.0	9.7	18.1	96.4	15:29
4.1	9.7	18.2	81.2	15:30
4.1	9.7	18.1	95.7	15:31
4.0	9.7	18.6	101	15:32
4.1	9.7	18.1	93.2	15:33
4.2	9.6	18.6	68.8	15:34
4.2	9.6	19.4	71.4	15:35
4.2	9.6	19.1	70.0	15:36
4.2	9.6	18.8	65.5	15:37
4.2	9.6	18.7	73.0	15:38
4.3	9.6	18.9	73.5	15:39
4.3	9.5	19.3	75.8	15:40
4.1	9.6	19.1	83.7	15:41
4.2	9.6	19.1	84.0	15:42
4.2	9.7	18.4	89.8	15:43
4.3	9.6	18.8	83.2	15:44
4.3	9.6	19.0	81.7	15:45
4.2	9.6	18.9	75.8	15:46
4.1	9.7	18.4	78.7	15:47
4.2	9.6	18.4	88.5	15:48
4.0	9.7	18.0	102	15:49
4.1	9.7	17.7	101	15:50
4.0	9.7	17.8	92.6	15:51
3.9	9.8	17.5	91.4	15:52
4.0	9.7	18.9	91.0	15:53
3.9	9.8	18.4	89.8	15:54
3.8	9.7	18.5	75.2	15:55

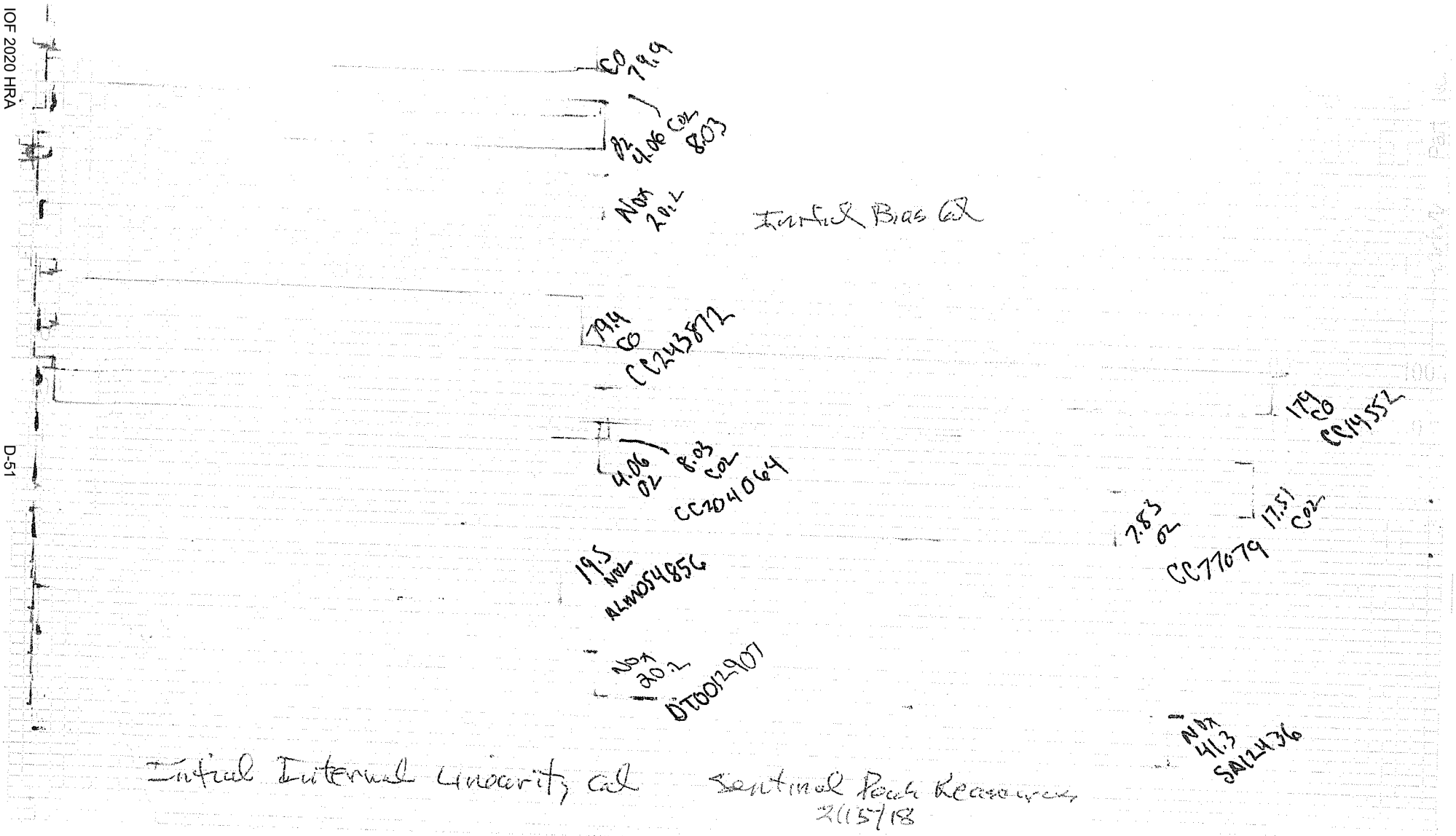
Job Numbe 218-013
Run Numb 1
Client Sentinel Peak Resources
Plant LA
Unit Radco Heater
Operator Ken Kennepohl
Start Time: 2/15/2018 13:58:15 AM

Raw Data

Timestamp	NOX (ppm	CO (ppm)	O2 (%)	CO2 (%)	NOX (Corr	CO (Corr) (ppm)	
14:00:00	-0.15	-0.60	-0.05	-0.08	0.00	0.01	Zero;
14:01:00	-0.04	0.04	0.08	0.03	-0.03	0.04	
14:02:00	29.91	-0.06	0.03	0.03	25.65	-0.05	
14:03:00	41.65	-0.05	0.02	0.03	35.7	-0.04	
14:04:00	41.26	-0.06	0.02	0.03	35.47	-0.05	High Nox;
14:05:00	41.19	-0.06	0.78	0.03	36.3	-0.05	
14:06:00	22.65	0.04	0.04	0.03	19.44	0.03	
14:07:00	21.4	0.01	0.03	0.03	18.36	0.01	
14:08:00	20.31	0.03	0.03	0.03	17.15	0.03	Low Nox;
14:09:00	20.34	-0.03	0.08	0.03	14.4	-0.03	
14:10:00	0.32	0.09	0.04	0.03	0.28	0.08	
14:11:00	0.05	0.08	0.04	0.03	-0.46	0.07	
14:12:00	6.06	0.09	1.43	0.03	5.45	0.08	
14:13:00	11.87	0.06	1.05	0.03	10.71	0.06	
14:14:00	18.96	-0.03	1.06	0.03	11.41	-0.03	No2;
14:15:00	19.07	0.00	0.98	0.03	12.14	0.00	
14:16:00	25.37	-0.06	4.04	3.99	27.84	-0.07	
14:17:00	1.97	0.01	7.81	17.57	2.69	0.02	
14:18:00	-0.05	0.02	7.82	17.62	-0.09	0.03	High O2 Co2;
14:19:00	-0.06	0.03	5.75	11.45	-0.05	0.03	
14:20:00	-0.04	0.02	4.08	8.20	-0.03	0.03	Low O2 Co2;
14:21:00	-0.05	5.7	3.81	7.85	-0.04	5.22	
14:22:00	0.05	132.07	0.12	1.02	0.05	113.64	
14:23:00	0.08	179.21	0.07	0.1	0.07	153.68	CO High;
14:24:00	0.06	179.28	0.08	0.07	0.05	154.21	
14:25:00	0.03	179.32	0.08	0.07	0.03	154.65	
14:26:00	-0.03	158.48	0.37	0.06	-0.03	138.41	
14:27:00	-0.05	83.89	0.07	0.04	-0.04	72.1	
14:28:00	-0.08	78.68	0.07	0.04	-0.07	67.92	Low CO;
14:29:00	-0.03	78.72	0.59	0.76	-0.03	62.8	
14:30:00	0.03	19.93	0.08	0.5	0.02	17.14	
14:31:00	0.1	3.25	4.91	0.09	0.43	6.36	
14:32:00	0.65	0.67	2.89	0.06	0.63	0.87	
14:33:00	-0.25	-1.8	-0.175	-0.94	0.27	0.12	Bias Zero;
14:34:00	0.2	0.05	-0.02	0.04	0.17	0.04	
14:35:00	0.08	0.05	-0.03	0.04	0.07	0.04	
14:37:00	2.05	0.05	0.18	0.32	1.76	0.05	
14:38:00	17.46	-0.06	-0.02	0.11	14.94	-0.05	
14:39:00	20.24	-0.07	-0.03	0.05	16.16	-0.06	
14:40:00	20.32	-0.07	-0.03	0.05	16.16	-0.06	Nox Bias;
14:41:00	19.95	-0.07	0.1	0.06	17.18	-0.06	
14:42:00	11.01	-0.02	3.53	5.44	11.19	-0.02	

14:43:00	0.09	0.04	4.05	8.02	0.09	0.04	O2 Co2 Bias;
14:44:00	0.2	0.04	3.99	8.01	0.21	0.04	
14:45:00	0.21	19.42	1.26	3.73	0.19	16.74	
14:46:00	0.11	67.51	-0.01	0.11	0.09	57.78	
14:47:00	0.13	75.79	-0.02	0.06	0.11	64.86	
14:48:00	0.09	79.83	-0.02	0.05	0.08	66.21	CO Bias;
14:49:00	0.15	79.80	0.35	0.05	0.14	68.67	
14:50:00	0.78	16.73	16.47	1.83	7.48	311.6	
14:51:00	7.77	79.01	10.52	5.86	13.37	136.2	
14:52:00	12.52	85.6	10.49	6.01	21.53	147.22	
14:53:00	17.92	80.87	3.94	9.77	18.91	85.35	
14:54:00	17.96	83.9	3.95	9.74	18.97	88.6	
14:55:00	17.86	83.04	3.82	9.82	18.72	87.02	Start Run 1 at 14:55
14:56:00	17.69	91.36	3.82	9.83	18.55	95.8	
14:57:00	17.73	81.45	3.92	9.77	18.69	85.86	
14:58:00	17.95	85.4	3.88	9.79	18.88	89.81	
14:59:00	17.89	104.62	3.84	9.81	18.76	109.74	
15:00:00	17.81	93.98	3.85	9.82	18.71	98.68	
15:01:00	18.3	80.76	4.00	9.72	19.38	85.56	
15:02:00	18.16	78.2	3.99	9.72	19.22	82.79	
15:03:00	17.62	95.09	3.87	9.79	18.52	99.89	
15:04:00	17.5	104.86	3.9	9.78	18.43	110.45	
15:05:00	18.21	91.2	3.85	9.81	19.12	95.75	
15:06:00	17.73	94.1	3.87	9.79	18.64	98.92	
15:07:00	18.28	99.89	3.92	9.78	19.26	105.27	
15:08:00	18	79.54	4.03	9.7	19.09	84.38	
15:09:00	17.99	85.53	3.94	9.75	18.98	90.28	
15:10:00	18.33	81.91	3.83	9.81	19.22	85.91	
15:11:00	17.67	101.93	3.85	9.81	18.55	107.02	
15:12:00	17.95	97.63	3.97	9.75	18.98	103.24	
15:13:00	17.78	116.6	3.87	9.78	18.7	122.58	
15:14:00	17.55	116.92	3.76	9.86	18.33	122.1	
15:15:00	17.49	104.91	3.74	9.87	18.24	109.41	
15:16:00	17.66	71.75	3.98	9.73	18.68	75.92	
15:17:00	17.4	79.84	3.97	9.74	18.4	84.39	
15:18:00	17.26	69.66	4.00	9.71	18.28	73.79	
15:19:00	17.85	86.12	3.96	9.74	18.86	91.04	
15:20:00	17.75	67.92	3.96	9.74	18.76	71.77	
15:21:00	17.52	75.11	3.95	9.75	18.5	79.31	
15:22:00	17.46	85.35	3.89	9.79	18.37	89.82	
15:23:00	16.25	78.31	6.67	8.02	24.57	116.57	
15:24:00	16.67	94.53	4.04	9.65	17.69	100.35	
15:25:00	17.13	86.55	4.09	9.67	18.24	92.15	
15:26:00	17.33	79.42	4.03	9.69	18.39	84.27	
15:27:00	17.39	66.09	4.05	9.7	18.47	70.2	
15:28:00	17.14	92.7	4.01	9.71	18.17	98.26	
15:29:00	17.11	90.99	4.01	9.72	18.12	96.41	
15:30:00	17.1	76.3	4.09	9.68	18.21	81.24	
15:31:00	17.01	89.76	4.1	9.67	18.12	95.65	
15:32:00	17.52	95.59	4.02	9.71	18.57	101.35	
15:33:00	17.03	87.49	4.09	9.67	18.14	93.18	
15:34:00	17.38	64.21	4.19	9.62	18.61	68.76	

15:35:00	18.12	66.74	4.17	9.62	19.38	71.39	
15:36:00	17.76	65.19	4.22	9.6	19.06	69.96	
15:37:00	17.52	60.99	4.22	9.58	18.81	65.47	
15:38:00	17.5	68.28	4.17	9.62	18.72	73.04	
15:39:00	17.6	68.33	4.26	9.58	18.94	73.5	
15:40:00	17.85	70.1	4.34	9.51	19.29	75.76	
15:41:00	17.89	78.37	4.14	9.64	19.11	83.69	
15:42:00	17.9	78.6	4.15	9.63	19.13	83.99	
15:43:00	17.21	84.07	4.15	9.65	18.39	89.83	
15:44:00	17.44	77.11	4.31	9.55	18.82	83.21	
15:45:00	17.64	75.89	4.26	9.57	18.98	81.65	
15:46:00	17.61	70.69	4.21	9.59	18.88	75.81	
15:47:00	17.25	73.75	4.13	9.65	18.41	78.73	
15:48:00	17.21	82.79	4.15	9.64	18.39	88.46	
15:49:00	17.01	96.28	4.02	9.71	18.03	102.07	
15:50:00	16.62	95.07	4.05	9.71	17.65	100.99	
15:51:00	16.78	87.55	3.98	9.74	17.75	92.64	
15:52:00	16.56	86.58	3.94	9.76	17.49	91.42	
15:53:00	17.85	86.12	3.96	9.74	18.86	91.04	
15:54:00	17.46	85.35	3.89	9.79	18.37	89.82	
15:55:00	17.66	71.75	3.83	9.73	18.52	75.24	End Run 1 at 15:55
15:56:00	9.14	35.74	1.54	4.26	8.45	33.04	
15:57:00	4.53	17.86	0.62	1.48	4.00	15.76	
15:58:00	0.01	0.06	-0.02	0.01	0.09	0.51	Bias Zero;
15:59:00	1.19	0.05	0	0.1	1.02	0.04	
16:00:00	16.71	-0.04	-0.03	0.1	14.29	-0.03	
16:01:00	20.16	-0.06	-0.03	0.09	17.29	-0.05	Nox Bias;
16:02:00	14.63	-0.03	3.24	5.48	14.66	-0.02	
16:03:00	0.01	0.05	3.98	8.01	0.02	0.06	
16:04:00	0.02	0.09	4.03	8.18	0.03	0.09	O2 C02 Bias;
16:05:00	0.03	43.71	0.13	1.03	0.02	37.53	
16:06:00	0.03	77.98	-0.02	0.11	0.02	66.73	
16:07:00	0.02	80.55	-0.02	0.1	0.01	68.07	CO Bias;
16:08:00	0.03	42.11	0.02	0.09	0.02	36.07	
16:10:00	0.04	-0.41	0.03	0.08	0.03	-0.35	Zero In;
16:11:00	0.05	-0.20	0.06	0.08	0.04	-0.18	
16:12:00	20.21	-0.07	0.08	0.08	17.46	-0.06	Nox Low;
16:13:00	26.89	-0.06	0.07	0.08	23.11	-0.05	
16:14:00	40.14	-0.05	0.06	0.08	34.48	-0.04	
16:15:00	41.38	-0.06	0.06	0.08	35.42	-0.05	Nox High;
16:16:00	25.1	-0.09	3.62	6.03	25.74	-0.08	
16:17:00	0.05	0.05	4.06	8.14	0.05	0.05	O2 Co2 Low;
16:18:00	0.07	0.05	7.52	15.56	0.1	0.06	
16:19:00	0.07	0.05	7.82	17.62	0.09	0.06	O2 Co2 High;
16:20:00	0.02	4.52	6.05	15.38	0.03	3.94	
16:21:00	0.03	68.6	0.09	0.64	0.02	59.02	
16:22:00	-0.04	78.82	0.11	0.14	-0.03	67.86	CO Low;
16:23:00	-0.02	141.44	0.18	0.14	-0.01	122.13	
16:24:00	0	178.61	0.16	0.13	0	154.69	CO High;
16:25:00	0.23	178.78	0.16	0.13	0.2	154.98	


CO 79.9
O2 4.06 CO2 8.03
NOx 20.2
Initial Bias Cal
79.4 CO CC243872
4.06 O2 8.03 CO2 CC204064
19.5 NO2 ALM054856
NOx 20.2 DT0012907
17.9 CO CC14552
7.83 O2 17.51 CO2 CC77079
NOx 41.3 SA12436
Initial Internal Linearity Cal
Sentinel Peak Resources
2/15/18

42

Post Tensioned Laboratory Col
Post Blast Col

AIRX TESTING SERVICES Inc.

C.E.M. TEMPERATURE DATA

Facility: Sentinel Peak Resources Date: 2-15-18

Job No: 218-013 Run #: 1-2-3

Source: Radco Heater

Probe Temp. Settings: 250 deg. F

Heated Line Temp. Settings: 250 deg. F

		TEMPERATURES Deg. F		
	TIME	Condenser Outlet	Probe	Teflon Line
1	0	36	254	254
2	5	36	255	256
3	10	35	252	256
4	15	35	253	256
5	20	35	254	252
6	25	36	251	256
7	30	36	252	254
8	35	36	253	256
9	40	36	254	257
10	45	35	252	253
11	50	35	255	251
12	55	36	253	252
13	60	36	251	254
14				
15				

AIRx Testing CO2 - Servomex 1440 1/15/2018
Semi- Annual Linearity @ 10 & 20 % Ranges

Range = 10

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
3.99	3.99	0.0 %	CC248681
8.07	8.08	0.1 %	CC150711

Range = 20

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
3.99	3.98	0.0 %	CC248681
8.07	8.06	0.0 %	CC150711
17.51	17.54	0.1 %	CC77079

20 SCALE
10 SCALE

AIRx Testing O2 - Servomex 1400 1/15/2018
Semi- Annual Linearity @ 10 & 25 % Ranges

Range = 10

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
4.00	4	0.0 %	SA8538
7.83	7.82	-0.1 %	CC77079

Range = 25

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
4.00	4.00	0.0 %	SA8538
7.83	7.825	0.0 %	CC77079
11.96	11.95	0.0 %	CC248681
20.0	20.1	0.0 %	CC150711

2.5 SCALE
10 SCALE

AIRx Testing NOx - API 200EH 1/15/2018
Semi- Annual Linearity @ 100, 50, 25 & 10 ppm Ranges

Range = 10

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
1.11	1.12	0.1 %	CC26034
2.21	2.22	0.1 %	CC34246
4.06	4.06	0.0 %	CC363443
8.26	8.26	0.0 %	CC363264

Range = 25

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
4.06	4.08	0.1 %	CC363443
8.26	8.28	0.1 %	CC363264
12.1	12.13	0.1 %	DT0013202
19.6	19.65	0.2 %	DT0013558

Range = 50

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
8.37	8.30	-0.1 %	CC363264
12.1	12.25	0.3 %	DT0013202
19.6	19.60	0.0 %	DT0013558
39.7	39.80	0.2 %	CC38576

Range = 100

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
12.1	12.20	-0.1 %	DT0013202
19.6	19.70	0.1 %	DT0013558
39.7	39.70	0.0 %	CC38576
79.1	79.20	0.1 %	CC243670

AIRx Testing CO - API 300EM 1/15/2018
Semi- Annual Linearity @ 10,25,50,100 & 200 ppm Ranges

Range = 10

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
4.23	4.23	0.0 %	DT0009628
8.12	8.13	0.0 %	CC196750

Range = 25

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
4.23	4.23	0.0 %	DT0009628
8.12	8.15	0.1 %	CC196750
11.8	11.8	0.1 %	CC181063
20.5	20.5	0.1 %	DT0012296

Range = 50

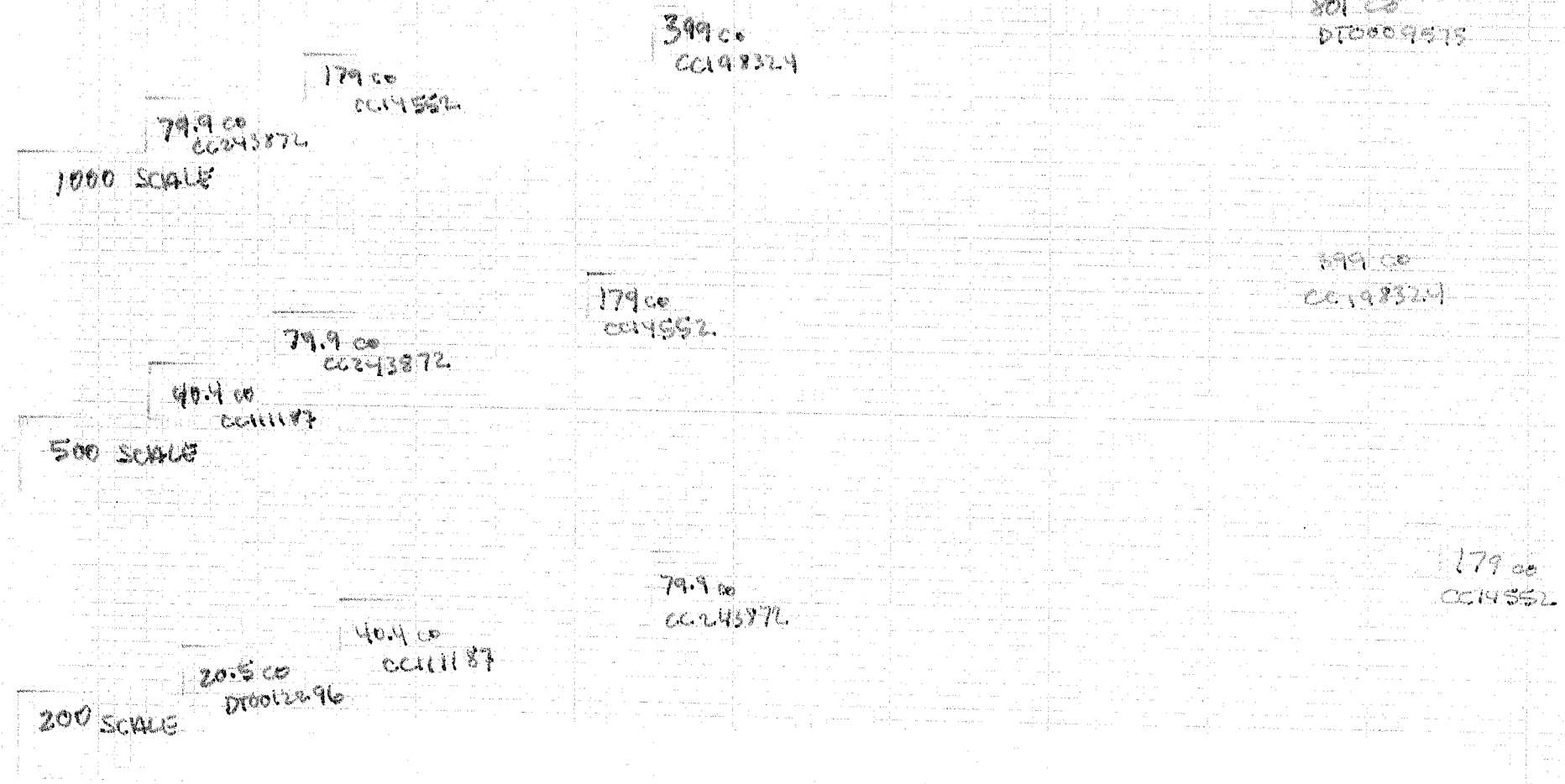
Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
8.12	8.1	0.0 %	CC196750
11.8	11.9	0.1 %	CC181063
20.5	20.5	0.0 %	DT0012296
40.4	40.4	0.0 %	CC111187

Range = 100

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
11.8	11.8	0.0 %	CC181063
20.5	20.5	0.0 %	DT0012296
40.4	40.5	0.1 %	CC111187
79.9	79.9	0.0 %	CC243872

Range = 200

Actual Concentration	Avg. Analyzer Response	Error % of Range	Cylinder #
20.5	20.6	0.0 %	CC3122776
40.4	40.4	0.0 %	CC111187
79.9	79.8	0.0 %	CC243872
179	179.2	0.1 %	CC14552


801 CO
DT0009575
399 CO
CC198324
179 CO
CC14552
79.9 CO
CC243872
1000 SCALE
399 CO
CC198324
179 CO
CC14552
79.9 CO
CC243872
40.4 CO
CC111187
500 SCALE
179 CO
CC14552
79.9 CO
CC243872
40.4 CO
CC111187
20.5 CO
DT0012296
200 SCALE

PRAXAIR

Praxair
5700 South Alameda Street
Los Angeles, CA 90058
Tel: (323) 585-2154 Fax:(714) 542-6689
PGVPID: F22016

DocNumber: 000095017

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information:

PRAXAIR WHSE OXNARD CA
455 E WOOLEY RD
OXNARD CA 930300

Praxair Order Number: 34408994
Customer P. O. Number: 06044939
Customer Reference Number:

Fill Date: 6/2/2016
Part Number: NI NO20ME-AS
Lot Number: 109615414
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure & Volume: 2000 psig 140 cu. ft.

Certified Concentration:

Expiration Date:	6/13/2019		NIST Traceable
Cylinder Number:	DT0012907		Analytical Uncertainty:
20.1	ppm	NITRIC OXIDE	± 1 %
	Balance	NITROGEN	

NOx = 20.2 ppm

NOx for Reference Only

Certifcation Information: *Certification Date:* 6/13/2016 *Term:* 36 Months *Expiration Date:* 6/13/2019

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data: *(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)*

1. Component: NITRIC OXIDE

Requested Concentration: 20 ppm
Certified Concentration: 20.1 ppm
Instrument Used: Themo Electron 42i-LS S/N 1030645077
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 6/1/2016

First Analysis Data:						Date:	6/6/2016
Z:	0	R:	20.2	C:	20.2	Conc:	20.17
R:	20.2	Z:	0	C:	20.1	Conc:	20.07
Z:	0	C:	20.2	R:	20.2	Conc:	20.17
UOM:	ppm			Mean Test Assay:			20.137 ppm

Analyzed by: Matthew Angerer

Reference Standard Type: GMIS
Ref. Std. Cylinder # : CC457647
Ref. Std. Conc: 20.17 ppm
Ref. Std. Traceable to SRM # : 2629a
SRM Sample # : 50-G-17
SRM Cylinder # : FF31691

Second Analysis Data:						Date:	6/13/2016
Z:	0	R:	20.2	C:	20.1	Conc:	20.07
R:	20.2	Z:	0	C:	20.1	Conc:	20.07
Z:	0	C:	20.2	R:	20.2	Conc:	20.17
UOM:	ppm			Mean Test Assay:			20.103 ppm

Certified by: Henry Koung

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc., arising out of the use of the information con tained herein exceed the fee established for providing such information.

PRAXAIR

Praxair
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Los Angeles, CA 90058
Tel: (323) 585-2154 Fax:(714) 542-6689
PGVPID: F22015

DocNumber: 000081175

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information:

PRAXAIR WHSE OXNARD CA
455 E WOOLEY RD
OXNARD CA 930300

Praxair Order Number: 31577371
Customer P. O. Number: 05587062
Customer Reference Number:

Fill Date: 6/11/2015
Part Number: NI NO40ME-AS
Lot Number: 109516209
Cylinder Style & Outlet: AS CGA 660
Cylinder Pressure & Volume: 2000 psig 140 cu. ft.

Certified Concentration:

Expiration Date:	7/1/2018	NIST Traceable
Cylinder Number:	SA12436	Analytical Uncertainty:
41.1 ppm	NITRIC OXIDE	± 0.8 %
Balance	NITROGEN	

NOx = 41.3 ppm NOx for Reference Only

Certification Information: *Certification Date:* 7/1/2015 *Term:* 36 Months *Expiration Date:* 7/1/2018

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data: *(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)*

1. Component: NITRIC OXIDE

Requested Concentration: 40 ppm
Certified Concentration: 41.1 ppm
Instrument Used: Thermo Electron 42i-LS S/N 1030645077
Analytical Method: Chemiluminescence
Last Multipoint Calibration: 6/30/2015

Reference Standard Type: GMIS
Ref. Std. Cylinder #: CC418381
Ref. Std. Conc: 50.2 ppm
Ref. Std. Traceable to SRM #: vs. 1683b
SRM Sample #: 45-V-42
SRM Cylinder #: CAL017897

First Analysis Data:						Date: 6/22/2015
Z: 0	R: 50.2	C: 41.1	Conc: 41.1			
R: 50.2	Z: 0	C: 41.1	Conc: 41.1			
Z: 0	C: 41.1	R: 50.2	Conc: 41.1			
UOM: ppm		Mean Test Assay: 41.1 ppm				

Second Analysis Data:						Date: 7/1/2015
Z: 0	R: 50.2	C: 41	Conc: 41			
R: 50.2	Z: 0	C: 41	Conc: 41			
Z: 0	C: 41.1	R: 50.2	Conc: 41.1			
UOM: ppm		Mean Test Assay: 41.033 ppm				

Analyzed by: Nelson Ma

Certified by: Nassim Haddad

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc., arising out of the use of the information contained herein exceed the fee established for providing such information.

AIR LIQUIDE | Air Liquide America Specialty Gases LLC | Scott

COMPLIANCE CLASS

Guaranteed +/- 2% Accuracy

1290 Combermere Street, Troy, MI 48083 Phone: 248-589-2950 Fax: 248-589-2134

CERTIFICATE OF ACCURACY : EPA Protocol Gas

Customer:
AIRX TESTING SERVICES INC
AIRX TESTING SERVICES, INC.-1
2472 Eastman Ave Ste 34
Ventura, CA 93003-5774
US

Assay Laboratory - PGVP Vendor ID: A22015
Air Liquide America Specialty Gases LLC
1290 Combermere Street
Troy, MI 48083

Lot No: 45008
P.O. No.: 60280427 REF
Folio #: A0085007
Sales Order # : 56004

ANALYTICAL INFORMATION

Gas Type : NO2,BALN

This certification was performed according to EPA Traceability Protocol For Assay & Certification of Gaseous Calibration Standards; Procedure G -1. EPA/600/R-12/531; May 2012. Do not use this standard if pressure is less than 100 psig.

Cylinder Number: ALM054856
Cylinder Pressure: 2000 PSIG

Certification Date: 30Jun2015

Expiration Date: 02Jul2018
Lot No: 45008

Component Name	Concentration (Mole)	Accuracy (Absolute / Relative)
NITROGEN DIOXIDE	19.5 PPM	0.2 PPM / 1.1 %
NITROGEN	BALANCE	

TRACEABILITY

Analytical Traceability

Reference Standard

Component	Concentration	Uncertainty	Cylinder	Type	Exp. Date
NITROGEN DIOXIDE	294.0000 PPM	3.2 PPM	ALM010620	GMIS	23Jan2019

ANALYTICAL METHOD

1st Analysis: 06/30/2015

COMPONENT	INSTRUMENT	ANALYTICAL PRINCIPLE	CALIBRATED	CONCENTRATION
NITROGEN DIOXIDE	AMETEK 921 CE SN AW-921-S281	Ultraviolet	06/11/2015	19.5 PPM

2nd Analysis: 06/30/2015

COMPONENT	INSTRUMENT	ANALYTICAL PRINCIPLE	CALIBRATED	CONCENTRATION
NITROGEN DIOXIDE	AMETEK 921 CE SN AW-921-S281	Ultraviolet	06/11/2015	19.5 PPM

APPROVED BY: Hilary Thatcher

DATE: 30Jun2015

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AIR LIQUIDE Air Liquide America Specialty Gases LLC

Intertek

RATA CLASS

Guaranteed +/- 1% Accuracy

8832 DICE ROAD, SANTA FE SPRINGS, CA 90670-2516 Phone: 800-323-2212 Fax: 562-464-5262

CERTIFICATE OF ACCURACY: EPA Protocol Gas

Assay Laboratory - PGVP Vendor ID: A52013

AIR LIQUIDE AMERICA SPECIALTY GASES LLC
8832 DICE ROAD
SANTA FE SPRINGS, CA 90670-2516

Document # : 51261426-005
P.O. No.: AIRX

Customer

ALHC-HCF-FRESNO-MEDGAS (LOC 24337)
3703 BAGLEY AVENUE
TRANSFER ACCOUNT
FRESNO CA 93725
US

ANALYTICAL INFORMATION Gas Type : CO2,O2,BALN

This certification was performed according to EPA Traceability Protocol For Assay & Certification of Gaseous Calibration Standards, Procedure G-1.
EPA/600/R-12/531; May 2012. Do not use this standard if pressure is less than 100 psig.

Cylinder Number: CC204064 **Certification Date:** 05Jul2013 **Exp. Date:** 06Jul2021
Cylinder Pressure: 2000 PSIG **Batch No:** SB00073216

COMPONENT	CERTIFIED CONCENTRATION (Moles)	ACCURACY ABSOLUTE / RELATIVE
CARBON DIOXIDE	8.03 %	.04 % / .5 %
OXYGEN	4.06 %	.04 % / 1. %
NITROGEN	BALANCE	

TRACEABILITY

REFERENCE STANDARD

COMPONENT	CONCENTRATION	UNCERTAINTY	CYLINDER	TYPE/SRM SAMPLE	EXP. DATE
CARBON DIOXIDE	7.016 %	0.035 %	K003719	NTRM 1674/	03Feb2016
OXYGEN	10.03 %	0.070 %	K019295	NTRM 2658/	01Feb2016

ANALYTICAL METHOD

1st Analysis: 05Jul2013

COMPONENT	INSTRUMENT	ANALYTICAL/PRINCIPLE	CALIBRATED	CONCENTRATION
CARBON DIOXIDE	VARIAN B/3400/2806	FID & TCD	27Jun2013	8.029 %
OXYGEN	VARIAN B/3400/2806	FID & TCD	22Jun2013	4.055 %

APPROVED BY: JMU

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PRAXAIR

Praxair
5700 South Alameda Street
Los Angeles, CA 90058
Tel: (323) 585-2154 Fax:(714) 542-6689
PGVPID: F22015

DocNumber: 000081269

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information:

PRAXAIR WHSE OXNARD CA
455 E WOOLEY RD
OXNARD CA 930300

Praxair Order Number: 31577398
Customer P. O. Number: 05587071
Customer Reference Number:

Fill Date: 6/18/2015
Part Number: EV NICDOXE115AS
Lot Number: 109516908
Cylinder Style & Outlet: AS CGA 590
Cylinder Pressure & Volume: 2000 psig 140 cu. ft

Certified Concentration:

Expiration Date: 6/24/2023			NIST Traceable Analytical Uncertainty:
Cylinder Number: CC77079			
17.51	%	CARBON DIOXIDE	± 0.3 %
7.83	%	OXYGEN	± 0.7 %
Balance		NITROGEN	

Certifcation Information: *Certification Date:* 6/24/2015 *Term:* 96 Months *Expiration Date:* 6/24/2023

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Do Not Use this Standard if Pressure is less than 100 PSIG.

O2 responses have been corrected for CO2 interference.

Analytical Data: *(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)*

1. Component: CARBON DIOXIDE

Requested Concentration: 18 %
Certified Concentration: 17.51 %
Instrument Used: Horiba VIA-510 S/N 2807014
Analytical Method: NDIR
Last Multipoint Calibration: 6/15/2015

First Analysis Data: Date: 6/24/2015

Z:	0	R:	17.89	C:	17.51	Conc:	17.51
R:	17.89	Z:	0	C:	17.51	Conc:	17.51
Z:	0	C:	17.5	R:	17.89	Conc:	17.5

UOM: % Mean Test Assay: 17.507 %

Reference Standard Type: GMIS
Ref. Std. Cylinder # : SA14543
Ref. Std. Conc: 17.89%
Ref. Std. Traceable to SRM # : 1675b
SRM Sample # : 6-F-51
SRM Cylinder # : CAL014538

Second Analysis Data: Date:

Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0

UOM: % Mean Test Assay: 0 %

2. Component: OXYGEN

Requested Concentration: 8 %
Certified Concentration: 7.83 %
Instrument Used: OXYMAT 5E
Analytical Method: PARAMAGNETIC
Last Multipoint Calibration: 5/29/2015

First Analysis Data: Date: 6/24/2015

Z:	0	R:	5	C:	7.83	Conc:	7.83
R:	5	Z:	0	C:	7.83	Conc:	7.83
Z:	0	C:	7.83	R:	5	Conc:	7.83

UOM: % Mean Test Assay: 7.83 %

Reference Standard Type: GMIS
Ref. Std. Cylinder # : CC240877
Ref. Std. Conc: 5.00%
Ref. Std. Traceable to SRM # : 2658a
SRM Sample # : 72-D-28
SRM Cylinder # : CAL016862

Second Analysis Data: Date:

Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0

UOM: % Mean Test Assay: 0 %

Analyzed by: Ying Yu

Certified by: Jack Fu

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc., arising out of the use of the information con tained herein exceed the fee established for providing such information.

PRAXAIR

Praxair
5700 South Alameda Street
Los Angeles, CA 90058
Tel: (323) 585-2154 Fax:(714) 542-6689
PGVPID: F22015

DocNumber: 000085313

CERTIFICATE OF ANALYSIS / EPA PROTOCOL GAS

Customer & Order Information:

PRAXAIR WHSE MADERA CA
3481 YEAGER DR 109
MADERA CA 936370

Praxair Order Number: 32691178
Customer P. O. Number: 05765422
Customer Reference Number:

Fill Date: 10/7/2015
Part Number: NI CO80ME-AS
Lot Number: 109528002
Cylinder Style & Outlet: AS CGA 350
Cylinder Pressure & Volume: 2000 psig 140 cu. ft.

Certified Concentration:

Expiration Date:	10/12/2023	NIST Traceable
Cylinder Number:	CC243872	Analytical Uncertainty:
79.9 ppm	CARBON MONOXIDE	± 0.5 %
Balance	NITROGEN	

Certification Information: *Certification Date:* 10/12/2015 *Term:* 96 Months *Expiration Date:* 10/12/2023

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data: *(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)*

1. Component: CARBON MONOXIDE

Requested Concentration: 80 ppm
Certified Concentration: 79.9 ppm
Instrument Used: Horiba VIA-510, S/N 577172043
Analytical Method: NDIR
Last Multipoint Calibration: 9/21/2015

Reference Standard Type: GMIS
Ref. Std. Cylinder #: CC307494
Ref. Std. Conc: 100.36 ppm
Ref. Std. Traceable to SRM #: 1679c
SRM Sample #: 3-J-30
SRM Cylinder #: CAL017865

First Analysis Data:						Date:	10/12/2015
Z:	0	R:	100.4	C:	79.9	Conc:	79.695
R:	100.3	Z:	0	C:	79.9	Conc:	79.895
Z:	0	C:	79.8	R:	100.4	Conc:	79.795
UOM:	ppm			Mean Test Assay:			79.861 ppm

Second Analysis Data:						Date:	
Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0
UOM:	ppm			Mean Test Assay:			0 ppm

Analyzed by: Jacqueline Fiero

Certified by: Jack Fu

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc., arising out of the use of the information con tained herein exceed the fee established for providing such information.

PRAXAIR

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Tel: (323) 585-2154 Fax:(714) 542-6689
PGVPID: F22016

DocNumber: 000099323

CERTIFICATE OF ANALYSIS/EPA PROTOCOL GAS

Customer & Order Information:

PRAXAIR WHSE OXNARD CA
455 E WOOLEY RD
OXNARD CA 930300

Praxair Order Number: 34851146
Customer P. O. Number: 06125110
Customer Reference Number:

Fill Date: 9/20/2016
Part Number: NI CO180E-AS
Lot Number: 109626409
Cylinder Style & Outlet: AS CGA 350
Cylinder Pressure & Volume: 2000 psig 140 cu. ft.

Certified Concentration:

Expiration Date:	10/3/2024		NIST Traceable
Cylinder Number:	CC14552		Analytical Uncertainty:
179	ppm	CARBON MONOXIDE	± 0.8 %
Balance		NITROGEN	

Certifcation Information: *Certification Date:* 10/3/2016 *Term:* 96 Months *Expiration Date:* 10/3/2024

This cylinder was certified according to the 2012 EPA Traceability Protocol, Document #EPA-600/R-12/531, using Procedure G1. Do Not Use this Standard if Pressure is less than 100 PSIG.

Analytical Data: *(R=Reference Standard, Z=Zero Gas, C=Gas Candidate)*

1. Component: CARBON MONOXIDE

Requested Concentration: 180 ppm
Certified Concentration: 179 ppm
Instrument Used. HORIBA, VIA-510 576 876 015
Analytical Method: NDIR
Last Multipoint Calibration: 9/23/2016

Reference Standard Type: GMIS
Ref. Std. Cylinder # : CC119961
Ref. Std. Conc: 101.27 ppm
Ref. Std. Traceable to SRM # : 1679c
SRM Sample # : 3-J-30
SRM Cylinder # : CAL017865

First Analysis Data:						Date:	10/3/2016
Z:	0	R:	99.3	C:	175.6	Conc:	178.60
R:	99.5	Z:	0	C:	175.9	Conc:	178.91
Z:	0	C:	176.5	R:	99.9	Conc:	179.52
UOM:	ppm			Mean Test Assay:			179.01 ppm

Second Analysis Data:						Date:	
Z:	0	R:	0	C:	0	Conc:	0
R:	0	Z:	0	C:	0	Conc:	0
Z:	0	C:	0	R:	0	Conc:	0
UOM:	ppm			Mean Test Assay:			0 ppm

Analyzed by: Ying Yu

Certified by: Maria Soberanis

Information contained herein has been prepared at your request by qualified experts within Praxair Distribution, Inc. While we believe that the information is accurate within the limits of the analytical methods employed and is complete to the extent of the specific analyses performed, we make no warranty or representation as to the suitability of the use of the information for any purpose. The information is offered with the understanding that any use of the information is at the sole discretion and risk of the user. In no event shall the liability of Praxair Distribution, Inc., arising out of the use of the information con tained herein exceed the fee established for providing such information.

SCAQMD Method 100.1
Procedures For Continuous Gaseous Emission Sampling

Principle: A sample of an exhaust gas stream is continuously extracted, conditioned, and conveyed to instrumental analyzers for the determination of:

SO2 concentration using ultraviolet analyzer
NOx concentration using chemiluminescent analyzer
O2 concentration using electrochemical (fuel cell) type analyzer
CO concentration using non-dispersive infrared analyzer
CO2 concentration using non-dispersive infrared analyzer

Applicability:
Stationary Source Gas Streams flowing in ducts, stacks, and flues
Alternative to SCAQMD reference methods 3.1, 4.1, 7.1, 10.1

Range:
The analytical ***range*** is ***selected so that the sample gas concentration for each run is between 20 and 95% of the range, for 95% of the test period.***

Sensitivity:
The minimum detectable limit shall be less than 2% of the range (i.e. range is 20000 ppm, MDL shall be less than 400 ppm)

Measurement system: Sample interface, Gas analyzer, Data acquisition
Probe, Sample pump, Probe calibration system, Barometer
Sample line: Teflon (to moisture removal system, heated to prevent condensation)
Sample conditioning: reduce moisture content to below a dewpoint of 35°F.
Sample transport lines: Teflon (from moisture removal system to sample gas manifold).
Particulate filter: to prevent accumulation of particulate in the measurement system
Sample flow rate control: control valve + rotameter
Sample gas manifold: Divert a portion of the gas stream to the analyzer and the remainder to the bypass vent
Gas anlyzer: SO2, NOx, O2, CO2, CO. An NO2 to NO converter is not necessary if data are presented to demonstrate that the NO2 portion of the exhaust gas is less than 5% of the total NOx concentration.
Data recorder: strip chart recorder, analog computer, digital recorder. Resolution or readability should be 0.5% of range. Sampling measurements should be obtained at a minimum of 1-minute intervals.
Interference response sampling system: Introduce an interference test gas to the analyzer. The analyzer zero should be given a positive offset prior to the test to allow measurement of a negative interference.
Pitot tubes: Method 1.1 and 1.2
Differential Pressure gauges: Method 1.1 and 1.2
Sample gas moisture content equipment: Method 4.1
Vacuum gauge: leak checking
Thermocouple: temperature stack gas

Range: Upper limit of the gas concentration measurement range displayed on the data recorder

Calibration gas (CalGas): A gas of known concentration in an inert diluent gas
- High-Range: 80 to 100% of the range
- Mid-Range: 40 to 60% of the range
- Zero gas: impurity concentration < 0.25% of the range → Nitrogen

Analyzer calibration error: The difference between the known concentration of the CalGas and the gas concentration exhibited by the gas analyzer when the CalGas is introduced directly to the analyzer.
Performance Spec: less than 2% of the range for the zero, mid-range, and high-range CalGas.

Sampling system BIAS: The difference between the gas concentrations exhibited by the measurement system when CalGas is introduced at the sampling probe tip filter and when the same CalGas is introduced directly to the analyzer.
Performance Spec: less than 5% of the range for the zero, mid-range, and high-range CalGas.

Zero Drift: The difference in the measurement system responses at a zero concentration level during the initial calibration, and final calibration check after a test.
No adjustment to the measurement system is allowed at that point.
Performance Spec: less than 3% of the range over the period of each run.

Calibration Drift: The difference in the measurement system responses at a mid-range concentration level during the initial calibration, and final calibration check after a test.
No adjustment to the measurement system is allowed at that point.
Performance Spec: less than 3% of the range over the period of each run.

Response time: the time required for the system to display 95% of a step change in gas concentration on the data recorder.

Interference response: The output response of the measurement system to a component in the sample gas, other than the gas component being measured.
Performance Spec: For example, an SO2 analyzer should respond no more than 30 ppm when the NO2 concentration in the sample gas is 2000 ppm.

- SO2 analyzer: NO2 → 2000/30, NH3 → 1000000/0
- CO2 analyzer: H2O → 10000/1, CO → 15000/1, CH4 → 20000/1
- CO analyzer: H2O → 200000/1, CO2 → 500000/1, SO2, NO, NO2, HC, H2O → 1000000/1

Calibration Curve: A graph establishing the relationship between the analyzer response and the actual CalGas concentration introduced to the analyzer.

Linearity: Maximum deviation as a percent of range, between a mid range calibration reading and the reading predicted by a straight line drawn between high-range and zero gas calibration points.
Performance Spec: less than 1% of the range for the pretest and post test values.

Measurement System Performance Test Procedures:

- ***Cleaning of sample train:*** Flush probe, lines and conditioner with DW, than acetone. Dry with filtered dry air.
- ***Allow Continuous Analyzers to warm up***
- ***Sampling system preparation:*** assemble sample train as shown in Fig 100.1-1, 100.1-2 and 100.1-3. Leak check the vacuum side of the assembly to a minimum of 20" of Hg (gauge). The sampling system should hold 20" of Hg vacuum for 5 minutes with less than 1" Hg loss. Check the pressure side of the system with liquid soap solution and correct any leaks.
- ***Allowable modifications:*** probe heating element can be eliminated if stack is at or below ambient temperature and condensation is not observed. Pitot tube can be eliminated if flow measurements are not required.
- ***Calibrate analyzers and data recorders:*** introduce CalGases directly to the instruments and make all necessary adjustments to calibrate the analyzer and data recorder. Adjust system components to achieve manufacturer's recommended sampling rates.

- ***Analyzer calibration error check:*** at the beginning and end of each test run
  1. Introduce zero, mid-range, high range CalGas
  2. Make no adjustments to the system except those necessary to achieve the correct flow rate.
  3. Record the analyzer responses to each CalGas on a form similar to 100.1-4
  4. If invalid calibration is exhibited (> 2% of the range), take corrective action and repeat check.

- ***Instrument response time:*** establish during semi-annual certification

- ***Sampling system BIAS check:*** **Mandatory**
  1. Backflash gas through the probe as necessary to prevent particulate buildup
  2. Zero, and either mid-range or high-range (whichever is closest to effluent concentration)
  3. Introduce upscale CalGas and record concentration on a form similar to 100.1-5
  4. Introduce zero CalGas and record concentration
  5. Make no adjustments to the system except those necessary to achieve the correct flow rate.
  6. If invalid calibration is exhibited (> 5% of the range), take corrective action and repeat check.
  7. If adjustment are required, repeat the analyzer calibration error check, then the sampling system BIAS check.

- ***NO2 to NO conversion check:*** EPA Method 20 or gas mixture of NO2 in air

Emission Test Procedure:

- Traverse stack to determine presence of stratification
- Single-point gas sampling is acceptable if gas composition is homogenous (<10% variation)
- Determine moisture content and velocity pressures **or** Mass flow rate may be obtained by stochiometric and gas composition relations
- ***Chart recorder label:*** turn on strip chart recorder and label the chart as to pollutant, source, range, calibration cylinder ID number, certified expiration date, zero and upper range calibration settings, chart speeds, date, time, operator.
- ***Sample probe traverse and minimum sampling time:***

1. Insert probe in stack
2. determine if single point sampling is acceptable
3. if traverse is required, leave the probe at each traverse point for at least the system response time + 1 minute.
4. minimum sampling time of 60 minute is recommended. See District Rules and Regulations and permit conditions for special requirements.
5. When test duration exceeds one hour, conduct zero and span checks every 2 hours. Adjust settings as necessary, mark strip charts and record in log books.

- ***Zero and Calibration DRIFT Tests:***

1. Immediately preceding and following each run, or if adjustments are necessary during the run, repeat the sampling system BIAS procedure. Make no adjustments to the system until after the DRIFT checks are completed. Record the information on a form similar to Figure 100.1-5.
2. If run is invalid (sampling system BIAS specs exceeded), repeat entire procedure before repeating run.
3. If both the zero and upscale calibration values are within the sampling system BIAS specs, then use the average of the initial and final BIAS check values to calculate the gas concentration for the run.
4. If the zero or upscale calibration DRIFT exceeds the DRIFT limits, repeat entire procedure before conducting additional runs.

- ***Post Run Leak Check:***

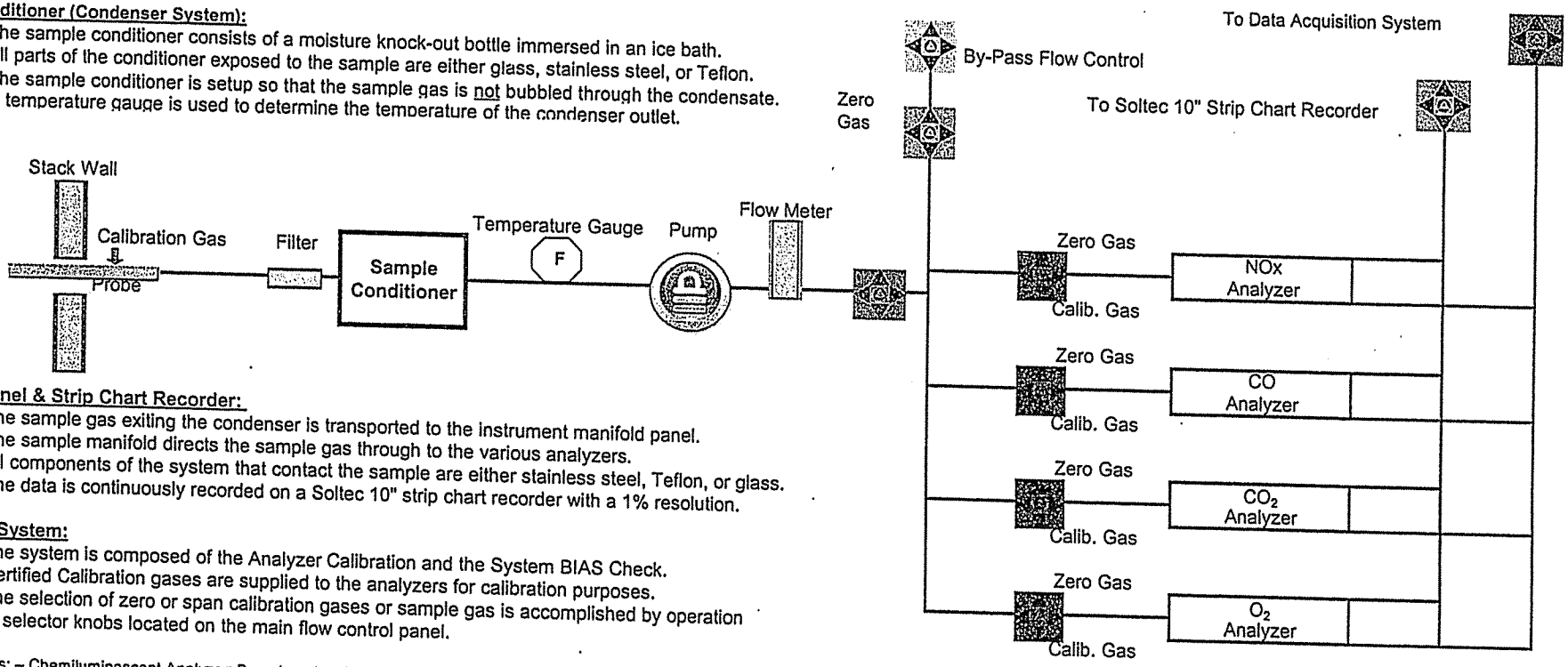
Method 100 – Sample Train Assembly

Probe:

1. AIRx Testing Services, Inc. uses a stainless steel sampling probe.
2. The probe is connected to the sample conditioner using a heated (if necessary) Teflon sampling line.

Sample Conditioner (Condenser System):

1. The sample conditioner consists of a moisture knock-out bottle immersed in an ice bath.
2. All parts of the conditioner exposed to the sample are either glass, stainless steel, or Teflon.
3. The sample conditioner is setup so that the sample gas is not bubbled through the condensate.
4. A temperature gauge is used to determine the temperature of the condenser outlet.



Manifold Panel & Strip Chart Recorder:

1. The sample gas exiting the condenser is transported to the instrument manifold panel.
2. The sample manifold directs the sample gas through to the various analyzers.
3. All components of the system that contact the sample are either stainless steel, Teflon, or glass.
4. The data is continuously recorded on a Soltec 10" strip chart recorder with a 1% resolution.

Calibration System:

1. The system is composed of the Analyzer Calibration and the System BIAS Check.
2. Certified Calibration gases are supplied to the analyzers for calibration purposes.
3. The selection of zero or span calibration gases or sample gas is accomplished by operation of selector knobs located on the main flow control panel.

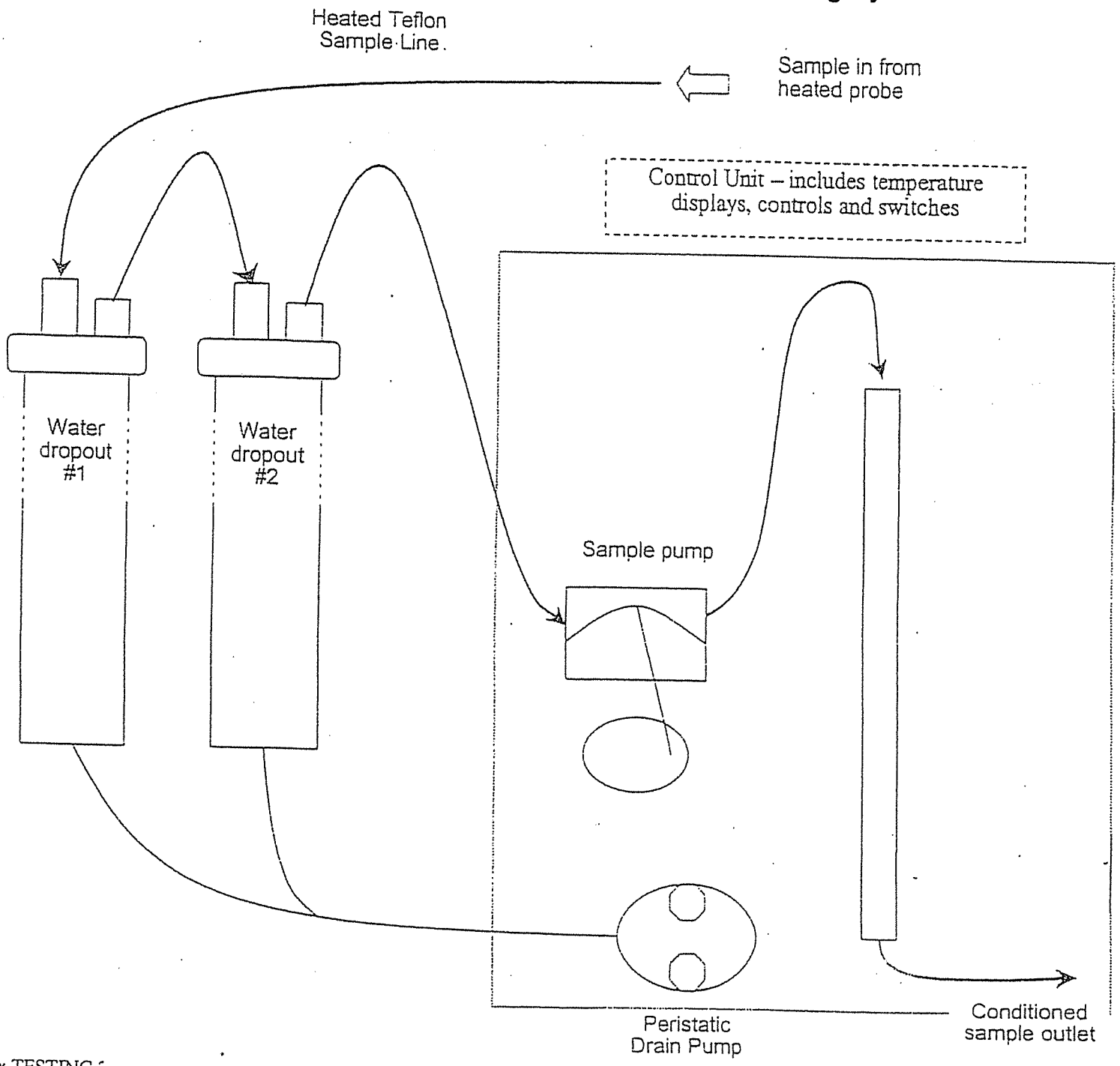
Nitrogen Oxides: – Chemiluminescent Analyzer: Based on the chemiluminescent reaction of NO and ozone to form NO_2 in an excited state. Light emission is monitored through an optical filter by a high sensitivity photomultiplier tube, the output of which is electronically processed so it is linearly proportional to the NO concentration. The output is in units of ppmv.

Carbon Monoxide – Non-Dispersive Infrared (NDIR) Analyzer: Radiation from an infrared source is passed through a narrow band-pass filter and a multiple optical pass sample cell where absorption by the sample gas occurs. The infrared radiation exits the sample cell and falls on a solid state infrared detector. The output is in units of ppmv.

Oxygen – Electrochemical Analyzer: Oxygen in the flue gas sample diffuses through a Teflon membrane and is reduced on the surface of the cathode. A corresponding oxidation occurs at the anode and an electric current proportional to the concentration of oxygen is produced. The output is in units of percent O_2 by volume.

Carbon Dioxide – Non Dispersive Infrared (NDIR) Analyzer: The instrument measures the differential in infrared energy absorbed from energy beams passed through a reference cell (containing a gas selected to have minimal absorption of infrared energy in the wavelength absorbed by CO_2) and a sample cell through which the sample gas flows continuously. The output is in units of percent CO_2 by volume.

SCAQMD Method 100 – Sample Conditioning System



AIRx TESTING ;

Method 100 Sample Conditioner

SOURCE EMISSION INSTRUMENTATION LIST
12/14/2016

OXIDES OF NITROGEN

Unit No. - 1: Manufacturer: API Model No.: 200 EH Serial No.: 233 Method: Chemiluminescence Range (ppmv) 0-5000	**Unit No. - 6:** Manufacturer: API Model No.: 200 A Serial No.: 1013 Method: Chemiluminescence Range (ppmv) 0-50
Unit No. - 2: Manufacturer: API Model No.: 200 EH Serial No.: 234 Method: Chemiluminescence Range (ppmv) 0-5000	
Unit No. - 3: Manufacturer: API Model No.: 200 EH Serial No.: 109 Method: Chemiluminescence Range (ppmv) 0-5000	
Unit No. - 4: Manufacturer: API Model No.: 200 EH Serial No.: 442 Method: Chemiluminescence Range (ppmv) 0-5000	
Unit No. - 5: Manufacturer: API Model No.: 200 EH Serial No.: 441 Method: Chemiluminescence Range (ppmv) 0-5000	

AIR TESTING

SOURCE EMISSION INSTRUMENTATION LIST
12/14/2016

OXYGEN

Unit No. - 5: Manufacturer: Teledyne Model No.: 320-AX Serial No.: 108743 Method: Electrochemical Range (%) 0-5, 10, 25	**Unit No. - 13:** Manufacturer: Servomex Model No.: 1400 Serial No.: X1420/B707 Method: Paramagnetic Range (%) 0-25
Unit No. - 7: Manufacturer: Teledyne Model No.: 320-AX Serial No.: 108742 Method: Electrochemical Range (%) 0-5, 10, 25	**Unit No. - 14:** Manufacturer: Servomex Model No.: 1440 Serial No.: 01440D1V02/4223 Method: Paramagnetic Range (%) 0-25, 100
Unit No. - 9: Manufacturer: Servomex Model No.: 1400 Serial No.: 01420/B701/730 Method: Paramagnetic Range (%) 0-25, 100	
Unit No. - 10: Manufacturer: Servomex Model No.: 1400 Serial No.: 01420/B701/747 Method: Paramagnetic Range (%) 0-25, 100	
Unit No. - 11: Manufacturer: Teledyne Model No.: 320-A Serial No.: 111211 Method: Electrochemical Range (%) 0-5, 10, 25	
Unit No. - 12: Manufacturer: Servomex Model No.: 1400 Serial No.: 01420/B7103 Method: Paramagnetic Range (%) 0-25, 100	

AIR TESTING

SOURCE EMISSION INSTRUMENTATION LIST
12/14/2016

CARBON MONOXIDE

Unit No. - 1: Manufacturer: API Model No.: 300 EM Serial No.: 239 Method: NDIR/GFC Range (ppmv) 0-5, 10, 25, 50, 100, 250, 500, 1000, 2500, 5000	**Unit No. - 2:** Manufacturer: API Model No.: 300 EM Serial No.: 240 Method: NDIR/GFC Range (ppmv) 0-5, 10, 25, 50, 100, 250, 500, 1000, 2500, 5000
Unit No. - 3: Manufacturer: API Model No.: 300 EM Serial No.: 241 Method: NDIR/GFC Range (ppmv) 0-5, 10, 25, 50, 100, 250, 500, 1000, 2500, 5000	**Unit No - 5:** Manufacturer: Thermo Environmental (TECO) Model No.: 48H Serial No.: 25184-219 Method: NDIR/GFC Range (ppmv) 0-50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000, 50000
Unit No. - 6: Manufacturer: Thermo Environmental (TECO) Model No.: 48H Serial No.: 29031-233 Method: NDIR/GFC Range (ppmv) 0-50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000, 50000	**Unit No. - 10:** Manufacturer: Thermo Environmental (TECO) Model No.: 48H Serial No.: 38391-257 Method: NDIR/GFC Range (ppmv) 0-50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000, 50000
Unit No. - 11: Manufacturer: Thermo Environmental (TECO) Model No.: 48H Serial No.: 35226-249 Method: NDIR/GFC Range (ppmv) 0-50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000, 50000	**Unit No. - 13:** Manufacturer: Thermo Environmental (TECO) Model No.: 48 Serial No.: 48-15970-159 Method: NDIR/GFC Range (ppmv) 0-1, 2, 5, 10, 20, 50, 100, 200, 500, 1000
Unit No - 14: Manufacturer: California Analytical Instruments Model No.: 601 Serial No.: C04051-M Method: NDIR/GFC Range (ppmv) 0-50, 100, 200, 500, 1000, 2000, 5000, 10000, 20000, 50000	

AIR TESTING

SOURCE EMISSION INSTRUMENTATION LIST
12/16/2016

CARBON DIOXIDE

Unit No. - 3: Manufacturer: ACS (Fugi) Model No.: 3300 Serial No.: N8M6611T Method: NDIR Range (%) 0-5 & 20	**Unit No. - 8:** Manufacturer: Servomex Model No.: 1400 Serial No.: X1415/B202 Method: NDIR Range (%) 0-10
Unit No. - 4: Manufacturer: ACS (Fugi) Model No.: 3300 EM Serial No.: N9C5479T Method: NDIR Range (%) 0-5 & 20	**Unit No - 9:** Manufacturer: Servomex Model No.: 1440 Serial No.: 2554-01440C1 Method: NDIR Range (%) 0-20, 0-25
Unit No. - 5: Manufacturer: Milton-Roy (Fugi) Model No.: 3300 Serial No.: N2EO363T Method: NDIR Range (%) 10/20/25	
Unit No. - 6: Manufacturer: Horbia Model No.: 3400 Serial No.: N1P7019T Method: NDIR Range (%) 0-20	
Unit No - 7: Manufacturer: Servomex Model No.: 1400 Serial No.: 01415/B7-103 Method: NDIR Range (%) 0-10	

AIR TESTING

APPENDIX C FUEL METER RAA DATA

"F" FACTOR EXHAUST GAS FLOWRATE CALCULATION

Client : Sentinel Peak Resources
Site : Los Angeles
Unit : Radco Heater

Date : 2/15/2018
Job# : 19094
Lab# : 218-013

"F" Factor, Q(std): 9438 dscf/MMBTU

Standard Temperature, T std: 68 deg. F

	Run #1	*Run #2*	*Run #3*
Oxygen, %	4.1	4.1	4.1
Fuel Usage, dscfm	113.0	106.5	111.5
MMBTU/min	0.115	0.108	0.113
Flowrate ("F" Factor), dscfm	1347	1269	1329
Reference Flowrate, dscfm	1338	1338	1338
RAA, %	**0.6**	**-5.1**	**-0.7**

Formulae:
MMBTU/min = (Fuel Useage * 1050 Btu/ft3)/10^6
Flowrate ("F" Factor) = "F" Factor * MMBTU/min * (20.0/(20.9-O2))
RAA = 100 * (Reference Flowrate - Flowrate {"F" Factor})/Reference Flowrate

FUEL GAS COMBUSTION : Q STD & F-FACTOR

Client : Sentinel Peak Resources
Site : LA
Unit : Radco Heater

Date : 2/15/2018
Job #: 19094
Lab #: 218-013

Fuel Gas Flow Rate : 110.3 scfm
Exhaust Oxygen, O2 : 4.1 % (Avg)

Fuel Energy, hhv : 1,015 Btu/scf
T std : 60 ° F
T std : 68 ° F

Components	Mole %		(prod. factor)		dscf Exh. / scf Fuel (Exp. Factor)
Oxygen, O2	0.00	*	(0.0100)	=	0.000
Nitrogen, N2	0.07	*	(0.0100)	=	0.001
Carbon Dioxide, CO2	1.12	*	(0.0100)	=	0.011
Methane, CH4	94.82	*	(0.0857)	=	8.126
Ethane, C2H6	3.44	*	(0.1525)	=	0.525
Propane, C3H8	0.47	*	(0.2192)	=	0.103
Butane, C4H10	0.08	*	(0.2860)	=	0.023
Pentane, C5H12	0.00	*	(0.3528)	=	0.000
Hexane, C6H14	0.00	*	(0.4195)	=	0.000
Totals	**100.00**				**8.788**

CALCULATION METHOD

Exhaust gas flow rates (dscfm) are calculated from the fuel gas rates to the engines, the factor for the combustion of the gases when stoichiometrically burned in air, and the oxygen content of the exhaust gases. The "Expansion Factor" determines the cubic feet of exhaust gases (on a dry std. basis) produced per cubic foot of fuel burned at 68 deg F. The F-Factor is used to calculate emissions in : lb/MM Btu.

STOICHIOMETRIC COMBUSTION OF HYDROCARBONS

The exhaust volume concentration of each fuel gas component is determined by the general equation for the stoichiometric combustion of a gaseous hydrocarbon CxHy in air :

CxHy + AIR = x CO2 + (y/2) H2O + (x + y/4) (3.785) N2

Therefore, for each mole (or standard cubic foot) of each fuel gas component CxHy, There will be :

1 scf of CxHy produces 4.785 x + 0.946 y dscf of flue gas.

Where: x = # of carbon atoms in component CxHy y = # of hydrogen atoms in component CxHy

If non-combustible components such as N2, O2 or CO2 are present in the gaseous fuel, these will not participate in the combustion process.

1 scf Non-combustible component produces 1 dscf of flue gas.

F-Factor = Expansion Factor Sum*10^6 *((Tstd60+460)/528) / (Btu/scf Fuel)
T std 60 ° F = **8,527** **dscf Exhaust/MM Btu**

F-Factor = Expansion Factor Sum*10^6 *((Tstd68+460)/528) / (Btu/scf Fuel)
T std 68 ° F = **8,659** **dscf Exhaust/MM Btu**

AIRX TESTING SERVICES Inc.

Fuel Meter Data Sheet

Client:	Sentinel Peak	Date:	2-15-18
Site:	Inglewood	Client #:	19094
Unit:	Radco Heater	Lab #:	218-013

Serial #:	D0034S3		
Manufacturer:	NuFlow - Scanner 2000 - Micro EFM		
Type of fuel:	Nat Gas (✓)	Diesel ( )	Other ( )
Read out in units of:	ccf ( )	Gal ( )	Btu ( )
	mcf (✓)	L ( )	Therm ( )
	m3 ( )	ft3 ( )	
Temperature corrected:	Yes (✓) No ( )	Cor. Temp:	@60°
Pressure corrected:	Yes (✓) No ( )	Cor. Pres.:	

mcfd @ 14:55 → 1580.5 mcfd @ 15:15 → 1562

Run #1

Start Time:	14:55	Stop Time:	15:15
Meter Reading:	5028.63	Meter Reading:	5030.89
Fuel temp.:	84 °F	Elapsed Time:	20 mins
Fuel pres.:	113 psi	Fuel Usage:	2.26 x 1000/20 = 113.0 cfm

Avg = 1572 mcfd = 1572 x 1000/(24x60) = 109.2 cfm

mcfd @ 15:15 → 1545 mcfd @ 15:35 → 1551

Run #2

Start Time:	15:15	Stop Time:	15:35
Meter Reading:	5030.89	Meter Reading:	5033.02
Fuel temp.:	84 °F	Elapsed Time:	20 mins
Fuel pres.:	112 psi	Fuel Usage:	2.13 x 1000/20 = 106.5 cfm

Avg = 1548 mcfd = 1548 x 1000/(24x60) = 107.5 cfm

mcfd @ 15:35 → 1555

Run #3

Start Time:	15:35	Stop Time:	15:55
Meter Reading:	5033.02	Meter Reading:	5035.25
Fuel temp.:	83° °F	Elapsed Time:	20 mins
Fuel pres.:	113 psi	Fuel Usage:	2.23 x 1000/20 = 111.5 cfm

mcfd @ 15:55 → 1576

Avg = 1565.5 mcfd = 1087 cfm

6.62 x 1000/60 = 1103 cfm used

Oilfield Environmental & Compliance, Inc.

Tom Porter
AIRx Testing
2472 Eastman Avenue, Unit 34
Ventura, CA 93003

Report: March 5, 2018 11:19 Work Order: 1800864

Project: AIRx Testing
Number: Sentinel Peak Resources 218-013

Dear Client:

Enclosed is an analytical report for the above referenced project. The samples included in this report were received on February 16, 2018 16:40 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Jessica Gerhardt, Project Manager
jgerhardt@oecusa.com

OILFIELD ENVIRONMENTAL & COMPLIANCE, INC.

Client: AIRx Testing	SAMPLE ID: 1800864-02
2472 Eastman Avenue, Unit 34	Date Sampled: 2/15/18 4:30 PM
Ventura, CA 93003	Date Analyzed: 2/17/18 7:25 AM
Attn: Tom Porter	Lab Contact: Jessica Gerhardt
Facility: AIRx Testing	Meter:
Description: Fuel Bag Backup	Pressure: psig
Note: Sentinel Peak Resources 218-013	Temperature: °F

Gas Analysis by Chromatography - ASTM D 1945/3588

Component	Mole %	Weight %	G/MCF
Oxygen	0.00	0.00	-
Nitrogen	0.07	0.12	-
Carbon Dioxide	1.12	2.91	-
Methane	94.82	89.40	-
Ethane	3.44	6.07	0.916
Propane	0.47	1.21	0.129
i-Butane	0.01	0.04	0.003
n-Butane	0.07	0.25	0.023
neo-Pentane	0.00	0.00	0.000
i-Pentane	0.00	0.00	0.000
n-Pentane	0.00	0.00	0.000
2,2-Dimethylbutane	0.00	0.00	0.000
2,3-Dimethylbutane	0.00	0.00	0.000
2-Methylpentane	0.00	0.00	0.000
3-Methylpentane	0.00	0.00	0.000
n-Hexane	0.00	0.00	0.000
Heptanes Plus	0.00	0.00	0.000
Total Mole%	100.0	Total Weight % 100.0	Total C2+ 1.072
Hexanes Plus	0.00	0.00	0.000

Specific Gravity, Calculated	0.5874	air = 1.0000	
Compressibility (Z) Factor	0.9978		
Gross Calorific Value		CHON	Weight %
BTU/ft³ dry	1032.9	Carbon	73.80
BTU/ft³ wet	1015.0	Hydrogen	23.96
		Oxygen	2.11
		Nitrogen	0.12
Net Calorific Value			
BTU/ft³ dry	931.2	EPA 'F' Factor (60°F, 1ATM)	9464.9
BTU/ft³ wet	915.0	SDCF/MMBTU	

results reported at 60°F and 14.696 psia.

ND: None Detected NA: Not Analyzed G/MCF: Gallons/Thousand Cubic Feet

74

'OICE TO: SAME

TN: OEC

REPORT TO: PO#

AIRx Testing Inc.
2472 Eastman Avenue, Unit 34
Ventura, CA 93003
(805) 644-1099 Fax (805) 644-2672

Contact:

Wind Peak Resources

Rush: 24hr. Normal: 10 Day

Sample Method:

Return or Dispose

ANALYSIS: ASTM-D 1945/03588

Sample Description	Volume (g) (ml)	Fuel (ng) (oil)	ASTM-D 1945/03588	REMARKS
Fuel Bag	1L	NG	X	1800864-1A
Fuel Bag Back up	1L	NG	X	Hold For Backup

Received by: Date: 2/16/18 Time 1310

Relinquished by: Date: 2/16/18 Time: 1631

Received by: Date: 02/16/18 Time 1631

WORK ORDER: B008644 TEMPERATURE: _____ °C SAMPLE RECEIPT

02/16/18 @ 1631 LOGIN DATE/TIME: 02/16/18 @ 1652 Acceptable Range: 0°C to 6°C [see exception notes below] REFRIGERATOR(S): 6R

SAMPLE RECEIPT, CONDITION, PRESERVATION (*) PROBLEM CHAIN REQUIRED

- ☐ Samples Received on Ice Within Temperature Range [Acceptable]
- ☒ Samples Received Outside Temperature Range [Acceptable]
  - ☐ Direct from Field, on Ice
  - ☒ Ambient: Air or Filter Matrix
  - ☐ Received Ambient, Placed on Ice for Transport
  - ☐ Sample Temperature Acceptable for Analysis Requested
- ☐ Samples Received Outside Temperature Range [Exception] V
  - ☐ Insufficient Ice or Unknown Cause
- ☐ Excessive Free Liquid in Sample Bags or Cooler

	YES	NO	N/A	(**) OEC PRES. ID
Completed COC(s) Received With Samples	☒	☐ *	☐	
Correct Container(s)/Preserve for Analysis	☒	☐ *	☐	
Container(s) Intact and in Good Condition	☒	☐ *	☐	
Container Label(s) Consistent with COC	☒	☐ *	☐	
OEC Preservation Added **	☐	☐	☒	
Sample Quantity Sufficient & Appropriate	☒	☐ *	☐	
VOA Containers Free of Headspace	☐	☐ V	☒	
Tedlar Bag(s) Free of Condensation	☒	☐ V	☐	

V See Comments below or Problem Chain

☐ * OR ☐ ↓(Comments) Expedited PM Notification [Init/Date/Time]: _____

R CORRECTIONS

ESCRIPTION	PRESERVATIVE	CHECKS: Cl⁻, S⁻ &/or pH	MATRIX	COMMENTS	INITIALS
BAG EA			A		

Rev. 08/09/2017

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Attachment E

HRA Modeling Results

Attachment E – HRA Modeling Results

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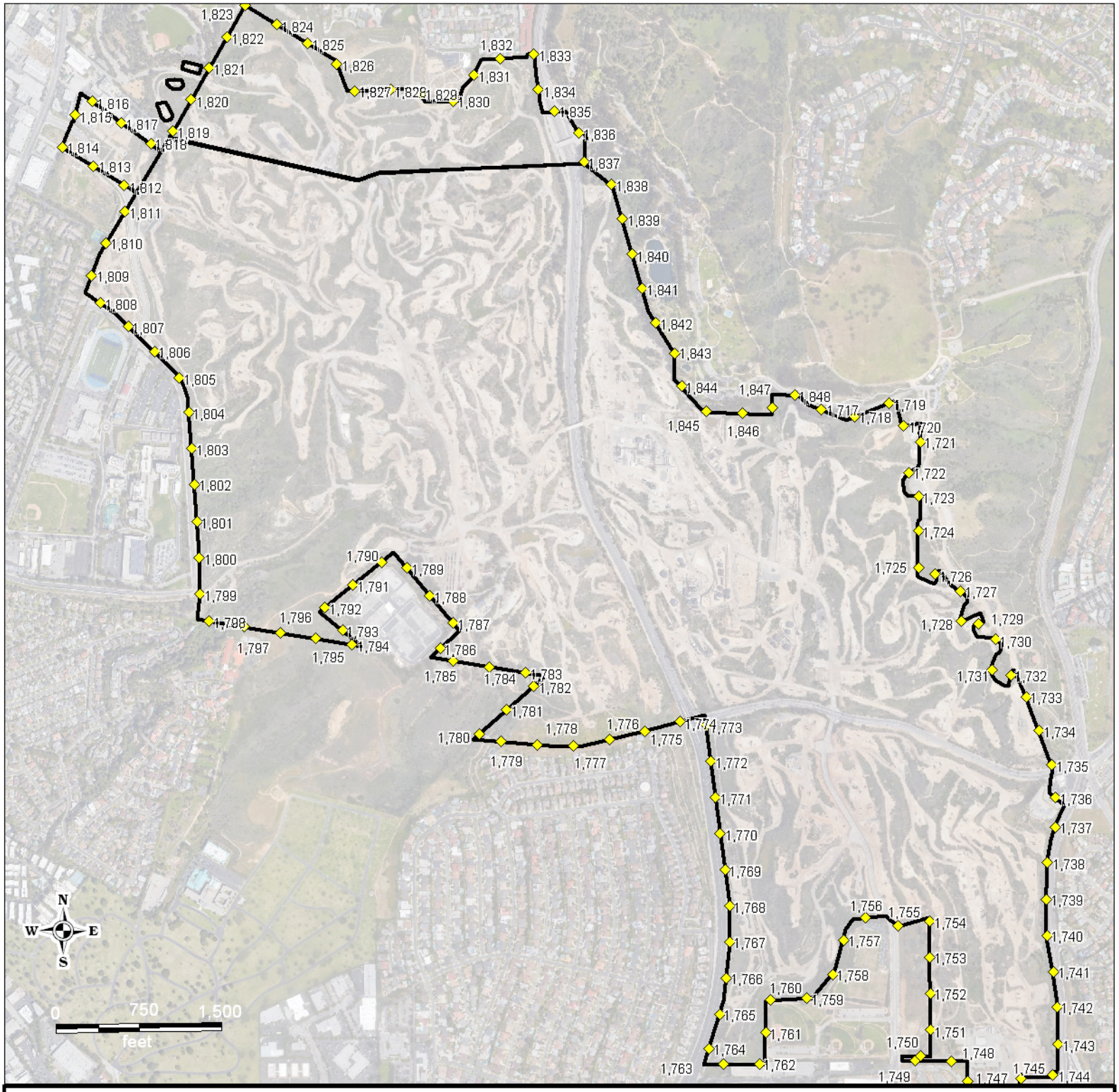
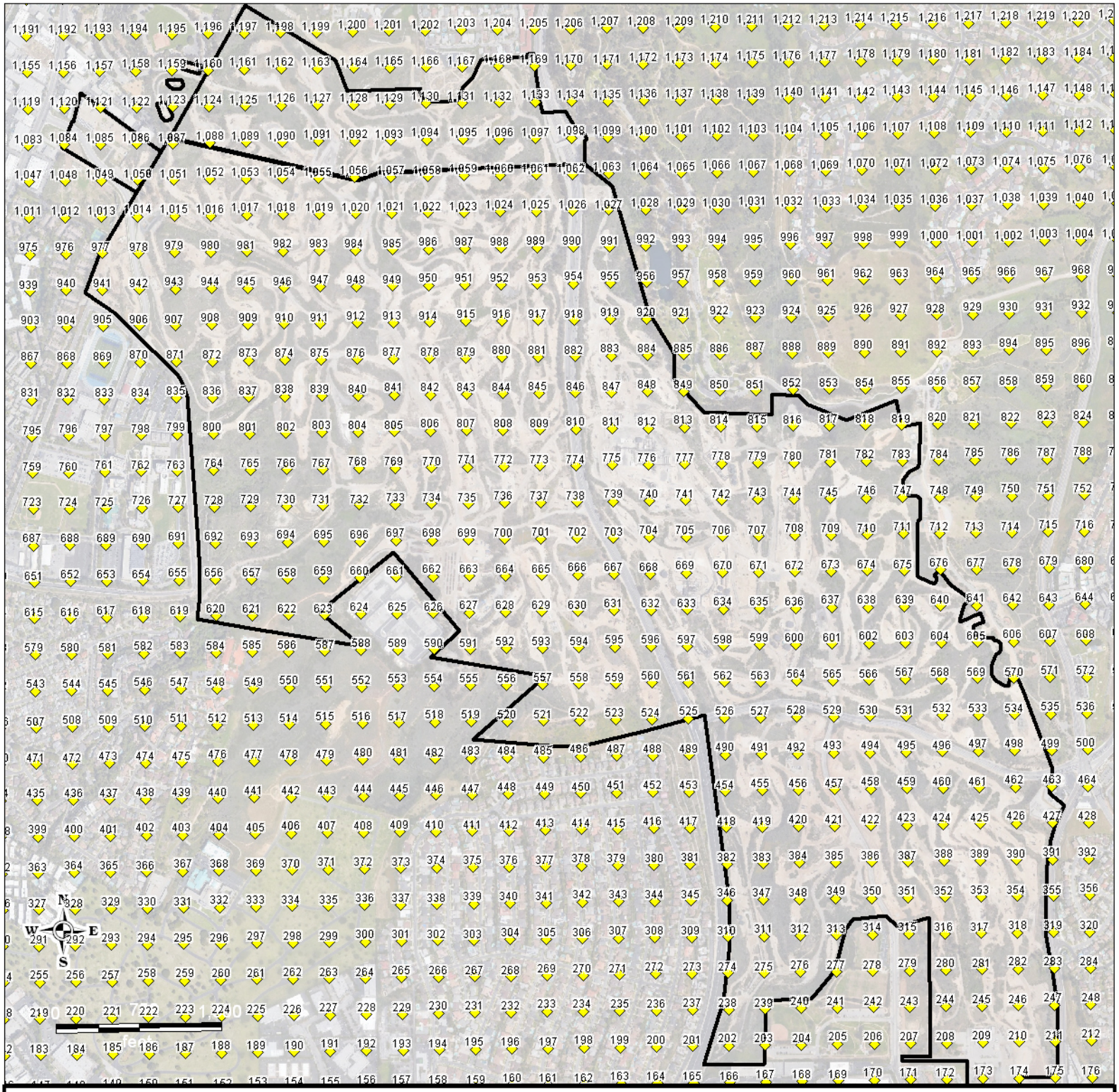


LEGEND

Facility Boundary

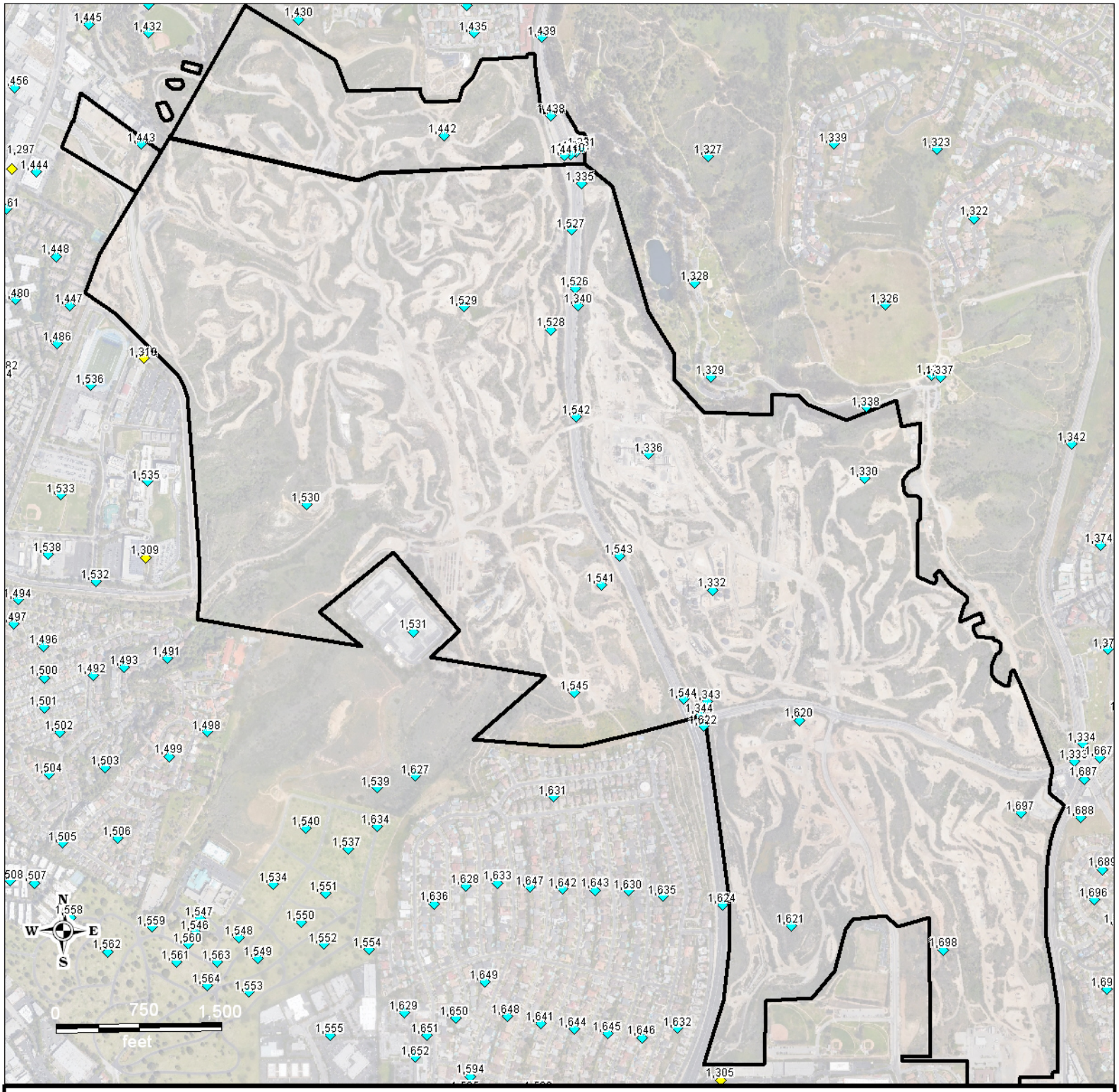
1,700 Receptor and Receptor Number



LEGEND

Facility Boundary

1,700 Receptor and Receptor Number



LEGEND

Facility Boundary

1,700 Receptor and Receptor Number: Census

1,700 Receptor and Receptor Number: Schools

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1	CARTGRID	1	371500	3761400	1.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-07	1.15E-08	6.11E-10	1.50E-09	0.00E+00	0.00E+00	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	CARTGRID	1	371600	3761400	1.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-07	1.17E-08	6.21E-10	1.52E-09	0.00E+00	0.00E+00	8.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	CARTGRID	1	371700	3761400	1.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	1.17E-08	6.23E-10	1.53E-09	0.00E+00	0.00E+00	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	CARTGRID	1	371800	3761400	1.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	1.17E-08	6.24E-10	1.53E-09	0.00E+00	0.00E+00	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	CARTGRID	1	371900	3761400	1.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-07	1.17E-08	6.24E-10	1.52E-09	0.00E+00	0.00E+00	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	CARTGRID	1	372000	3761400	1.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-07	1.17E-08	6.19E-10	1.49E-09	0.00E+00	0.00E+00	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	CARTGRID	1	372100	3761400	1.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-07	1.15E-08	6.08E-10	1.45E-09	0.00E+00	0.00E+00	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	CARTGRID	1	372200	3761400	1.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-07	1.13E-08	5.93E-10	1.39E-09	0.00E+00	0.00E+00	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	CARTGRID	1	372300	3761400	1.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	1.13E-08	5.87E-10	1.32E-09	0.00E+00	0.00E+00	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	CARTGRID	1	372400	3761400	1.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	1.10E-08	5.69E-10	1.24E-09	0.00E+00	0.00E+00	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	CARTGRID	1	372500	3761400	1.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	1.08E-08	5.52E-10	1.16E-09	0.00E+00	0.00E+00	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	CARTGRID	1	372600	3761400	1.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	1.05E-08	5.36E-10	1.08E-09	0.00E+00	0.00E+00	7.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	CARTGRID	1	372700	3761400	1.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	1.03E-08	5.19E-10	9.98E-10	0.00E+00	0.00E+00	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	CARTGRID	1	372800	3761400	1.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	1.01E-08	5.02E-10	9.27E-10	0.00E+00	0.00E+00	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	CARTGRID	1	372900	3761400	1.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-07	9.79E-09	4.86E-10	8.66E-10	0.00E+00	0.00E+00	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	CARTGRID	1	373000	3761400	1.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-07	9.54E-09	4.71E-10	8.16E-10	0.00E+00	0.00E+00	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	CARTGRID	1	373100	3761400	1.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	9.31E-09	4.58E-10	7.76E-10	0.00E+00	0.00E+00	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	CARTGRID	1	373200	3761400	1.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-07	9.08E-09	4.45E-10	7.44E-10	0.00E+00	0.00E+00	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	CARTGRID	1	373300	3761400	1.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.77E-07	8.82E-09	4.32E-10	7.16E-10	0.00E+00	0.00E+00	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	CARTGRID	1	373400	3761400	1.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-07	8.66E-09	4.23E-10	6.93E-10	0.00E+00	0.00E+00	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	CARTGRID	1	373500	3761400	1.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-07	8.65E-09	4.21E-10	6.75E-10	0.00E+00	0.00E+00	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	CARTGRID	1	373600	3761400	1.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	8.61E-09	4.18E-10	6.57E-10	0.00E+00	0.00E+00	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	CARTGRID	1	373700	3761400	1.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-07	8.64E-09	4.18E-10	6.40E-10	0.00E+00	0.00E+00	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	CARTGRID	1	373800	3761400	1.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-07	8.83E-09	4.25E-10	6.29E-10	0.00E+00	0.00E+00	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	CARTGRID	1	373900	3761400	1.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	8.90E-09	4.27E-10	6.16E-10	0.00E+00	0.00E+00	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	CARTGRID	1	374000	3761400	1.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-07	8.90E-09	4.25E-10	6.05E-10	0.00E+00	0.00E+00	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	CARTGRID	1	374100	3761400	1.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-07	8.89E-09	4.24E-10	5.97E-10	0.00E+00	0.00E+00	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	CARTGRID	1	374200	3761400	1.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	8.71E-09	4.16E-10	5.85E-10	0.00E+00	0.00E+00	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	CARTGRID	1	374300	3761400	1.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	8.42E-09	4.02E-10	5.68E-10	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	CARTGRID	1	374400	3761400	1.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.09E-08	7.75E-09	3.72E-10	5.38E-10	0.00E+00	0.00E+00	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	CARTGRID	1	374500	3761400	1.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.68E-08	7.67E-09	3.68E-10	5.33E-10	0.00E+00	0.00E+00	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	CARTGRID	1	374600	3761400	9.44E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.14E-08	7.35E-09	3.54E-10	5.24E-10	0.00E+00	0.00E+00	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	CARTGRID	1	374700	3761400	9.17E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.88E-08	7.26E-09	3.52E-10	5.49E-10	0.00E+00	0.00E+00	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	CARTGRID	1	374800	3761400	8.48E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.25E-08	6.82E-09	3.35E-10	5.67E-10	0.00E+00	0.00E+00	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	CARTGRID	1	374900	3761400	7.82E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.67E-08	6.31E-09	3.13E-10	5.55E-10	0.00E+00	0.00E+00	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	CARTGRID	1	375000	3761400	7.25E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.19E-08	5.86E-09	2.91E-10	5.17E-10	0.00E+00	0.00E+00	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	CARTGRID	1	371500	3761500	1.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-07	1.18E-08	6.31E-10	1.55E-09	0.00E+00	0.00E+00	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	CARTGRID	1	371600	3761500	1.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-07	1.21E-08	6.46E-10	1.57E-09	0.00E+00	0.00E+00	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	CARTGRID	1	371700	3761500	1.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-07	1.25E-08	6.61E-10	1.60E-09	0.00E+00	0.00E+00	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	CARTGRID	1	371800	3761500	1.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-07	1.25E-08	6.63E-10	1.60E-09	0.00E+00	0.00E+00	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	CARTGRID	1	371900	3761500	1.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-07	1.25E-08	6.63E-10	1.60E-09	0.00E+00	0.00E+00	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	CARTGRID	1	372000	3761500	1.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	1.25E-08	6.60E-10	1.58E-09	0.00E+00	0.00E+00	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	CARTGRID	1	372100	3761500	1.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	1.24E-08	6.56E-10	1.54E-09	0.00E+00	0.00E+00	9.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	CARTGRID	1	372200	3761500	1.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-07	1.23E-08	6.43E-10	1.49E-09	0.00E+00	0.00E+00	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	CARTGRID	1	372300	3761500	2.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	1.21E-08	6.32E-10	1.42E-09	0.00E+00	0.00E+00	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	CARTGRID	1	372400	3761500	2.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-07	1.20E-08	6.20E-10	1.34E-09	0.00E+00	0.00E+00	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	CARTGRID	1	372500	3761500	2.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	1.18E-08	6.03E-10	1.25E-09	0.00E+00	0.00E+00	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	CARTGRID	1	372600	3761500	2.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-07	1.16E-08	5.86E-10	1.16E-09	0.00E+00	0.00E+00	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	CARTGRID	1	372700	3761500	2.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	1.13E-08	5.68E-10	1.07E-09	0.00E+00	0.00E+00	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	CARTGRID	1	372800	3761500	2.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	1.11E-08	5.51E-10	9.93E-10	0.00E+00	0.00E+00	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	CARTGRID	1	372900	3761500	2.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	1.09E-08	5.35E-10	9.24E-10	0.00E+00	0.00E+00	7.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	CARTGRID	1	373000	3761500	2.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	1.06E-08	5.19E-10	8.66E-10	0.00E+00	0.00E+00	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	CARTGRID	1	373100	3761500	2.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-07	1.03E-08	5.05E-10	8.20E-10	0.00E+00	0.00E+00	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	CARTGRID	1	373200	3761500	2.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-07	1.01E-08	4.90E-10	7.84E-10	0.00E+00	0.00E+00	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	CARTGRID	1	373300	3761500	2.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-07	9.81E-09	4.77E-10	7.54E-10	0.00E+00	0.00E+00	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	CARTGRID	1	373400	3761500	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-07	9.54E-09	4.63E-10	7.27E-10	0.00E+00	0.00E+00	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	CARTGRID	1	373500	3761500	2.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	9.58E-09	4.63E-10	7.10E-10	0.00E+00	0.00E+00	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	CARTGRID	1	373600	3761500	2.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-07	9.58E-09	4.62E-10	6.93E-10	0.00E+00	0.00E+00	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	CARTGRID	1	373700	3761500	2.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-07	9.61E-09	4.62E-10	6.76E-10	0.00E+00	0.00E+00	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	CARTGRID	1	373800	3761500	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-07	9.69E-09	4.64E-10	6.62E-10	0.00E+00	0.00E+00	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	CARTGRID	1	373900	3761500	2.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-07	9.76E-09	4.66E-10	6.51E-10	0.00E+00	0.00E+00	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	CARTGRID	1	374000	3761500	1.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-07	9.74E-09	4.64E-10	6.40E-10	0.00E+00	0.00E+00	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	CARTGRID	1	374100	3761500	1.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-07	9.63E-09	4.58E-10	6.30E-10	0.00E+00	0.00E+00	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	CARTGRID	1	374200	3761500	1.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-07	9.43E-09	4.49E-10	6.16E-10	0.00E+00	0.00E+00	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
65	CARTGRID	1	374300	3761500	1.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-07	9.06E-09	4.32E-10	5.95E-10	0.00E+00	0.00E+00	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	CARTGRID	1	374400	3761500	1.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	8.26E-09	3.95E-10	5.60E-10	0.00E+00	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	CARTGRID	1	374500	3761500	1.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.85E-08	8.13E-09	3.89E-10	5.54E-10	0.00E+00	0.00E+00	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	CARTGRID	1	374600	3761500	1.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.28E-08	7.84E-09	3.77E-10	5.52E-10	0.00E+00	0.00E+00	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	CARTGRID	1	374700	3761500	1.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.65E-08	7.65E-09	3.72E-10	5.91E-10	0.00E+00	0.00E+00	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	CARTGRID	1	374800	3761500	9.06E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.77E-08	7.09E-09	3.50E-10	6.05E-10	0.00E+00	0.00E+00	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	CARTGRID	1	374900	3761500	8.29E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.09E-08	6.58E-09	3.27E-10	5.85E-10	0.00E+00	0.00E+00	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	CARTGRID	1	375000	3761500	7.69E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.59E-08	6.09E-09	3.00E-10	5.18E-10	0.00E+00	0.00E+00	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	CARTGRID	1	371500	3761600	1.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-07	1.24E-08	6.57E-10	1.59E-09	0.00E+00	0.00E+00	9.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	CARTGRID	1	371600	3761600	1.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	1.27E-08	6.73E-10	1.62E-09	0.00E+00	0.00E+00	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	CARTGRID	1	371700	3761600	1.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-07	1.31E-08	6.91E-10	1.65E-09	0.00E+00	0.00E+00	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	CARTGRID	1	371800	3761600	1.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	1.33E-08	7.05E-10	1.67E-09	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	CARTGRID	1	371900	3761600	2.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-07	1.35E-08	7.10E-10	1.68E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	CARTGRID	1	372000	3761600	2.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-07	1.34E-08	7.07E-10	1.67E-09	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	CARTGRID	1	372100	3761600	2.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	1.34E-08	7.04E-10	1.64E-09	0.00E+00	0.00E+00	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	CARTGRID	1	372200	3761600	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-07	1.33E-08	6.97E-10	1.60E-09	0.00E+00	0.00E+00	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	CARTGRID	1	372300	3761600	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	1.31E-08	6.81E-10	1.53E-09	0.00E+00	0.00E+00	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	CARTGRID	1	372400	3761600	2.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-07	1.30E-08	6.71E-10	1.45E-09	0.00E+00	0.00E+00	9.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	CARTGRID	1	372500	3761600	2.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-07	1.29E-08	6.59E-10	1.36E-09	0.00E+00	0.00E+00	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	CARTGRID	1	372600	3761600	2.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	1.27E-08	6.42E-10	1.26E-09	0.00E+00	0.00E+00	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	CARTGRID	1	372700	3761600	2.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-07	1.25E-08	6.25E-10	1.16E-09	0.00E+00	0.00E+00	8.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	CARTGRID	1	372800	3761600	2.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-07	1.23E-08	6.11E-10	1.07E-09	0.00E+00	0.00E+00	8.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	CARTGRID	1	372900	3761600	2.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	1.22E-08	5.97E-10	9.92E-10	0.00E+00	0.00E+00	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	CARTGRID	1	373000	3761600	2.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-07	1.19E-08	5.79E-10	9.24E-10	0.00E+00	0.00E+00	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	CARTGRID	1	373100	3761600	2.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	1.16E-08	5.62E-10	8.70E-10	0.00E+00	0.00E+00	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	CARTGRID	1	373200	3761600	2.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-07	1.13E-08	5.46E-10	8.29E-10	0.00E+00	0.00E+00	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	CARTGRID	1	373300	3761600	2.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-07	1.10E-08	5.29E-10	7.95E-10	0.00E+00	0.00E+00	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	CARTGRID	1	373400	3761600	2.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-07	1.06E-08	5.09E-10	7.64E-10	0.00E+00	0.00E+00	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	CARTGRID	1	373500	3761600	2.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	1.05E-08	5.05E-10	7.44E-10	0.00E+00	0.00E+00	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	CARTGRID	1	373600	3761600	2.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-07	1.06E-08	5.09E-10	7.30E-10	0.00E+00	0.00E+00	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	CARTGRID	1	373700	3761600	2.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	1.08E-08	5.15E-10	7.21E-10	0.00E+00	0.00E+00	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	CARTGRID	1	373800	3761600	2.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-07	1.08E-08	5.15E-10	7.08E-10	0.00E+00	0.00E+00	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	CARTGRID	1	373900	3761600	2.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-07	1.08E-08	5.14E-10	6.96E-10	0.00E+00	0.00E+00	6.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	CARTGRID	1	374000	3761600	2.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	1.07E-08	5.09E-10	6.84E-10	0.00E+00	0.00E+00	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	CARTGRID	1	374100	3761600	2.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-07	1.06E-08	5.01E-10	6.72E-10	0.00E+00	0.00E+00	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	CARTGRID	1	374200	3761600	2.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	1.03E-08	4.88E-10	6.52E-10	0.00E+00	0.00E+00	6.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	CARTGRID	1	374300	3761600	1.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	9.56E-09	4.54E-10	6.13E-10	0.00E+00	0.00E+00	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	CARTGRID	1	374400	3761600	1.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	9.00E-09	4.29E-10	5.89E-10	0.00E+00	0.00E+00	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	CARTGRID	1	374500	3761600	1.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	8.71E-09	4.15E-10	5.81E-10	0.00E+00	0.00E+00	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	CARTGRID	1	374600	3761600	1.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	8.41E-09	4.04E-10	5.89E-10	0.00E+00	0.00E+00	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	CARTGRID	1	374700	3761600	1.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.14E-08	8.01E-09	3.91E-10	6.33E-10	0.00E+00	0.00E+00	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	CARTGRID	1	374800	3761600	9.61E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.29E-08	7.36E-09	3.62E-10	6.09E-10	0.00E+00	0.00E+00	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	CARTGRID	1	374900	3761600	8.92E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.67E-08	6.88E-09	3.40E-10	5.93E-10	0.00E+00	0.00E+00	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	CARTGRID	1	375000	3761600	8.19E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.02E-08	6.51E-09	3.21E-10	5.54E-10	0.00E+00	0.00E+00	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	CARTGRID	1	371500	3761700	1.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-07	1.30E-08	6.85E-10	1.62E-09	0.00E+00	0.00E+00	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	CARTGRID	1	371600	3761700	1.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-07	1.34E-08	7.05E-10	1.67E-09	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	CARTGRID	1	371700	3761700	2.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-07	1.39E-08	7.32E-10	1.71E-09	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	CARTGRID	1	371800	3761700	2.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	1.42E-08	7.46E-10	1.74E-09	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	CARTGRID	1	371900	3761700	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	1.44E-08	7.56E-10	1.76E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	CARTGRID	1	372000	3761700	2.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	1.45E-08	7.60E-10	1.76E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	CARTGRID	1	372100	3761700	2.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-07	1.44E-08	7.56E-10	1.74E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	CARTGRID	1	372200	3761700	2.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-07	1.44E-08	7.54E-10	1.71E-09	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	CARTGRID	1	372300	3761700	2.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	1.43E-08	7.44E-10	1.65E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	CARTGRID	1	372400	3761700	2.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-07	1.41E-08	7.28E-10	1.57E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	CARTGRID	1	372500	3761700	2.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	1.41E-08	7.20E-10	1.48E-09	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	CARTGRID	1	372600	3761700	2.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.20E-07	1.40E-08	7.07E-10	1.37E-09	0.00E+00	0.00E+00	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	CARTGRID	1	372700	3761700	2.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-07	1.39E-08	6.94E-10	1.26E-09	0.00E+00	0.00E+00	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	CARTGRID	1	372800	3761700	2.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-07	1.38E-08	6.79E-10	1.16E-09	0.00E+00	0.00E+00	9.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	CARTGRID	1	372900	3761700	2.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-07	1.37E-08	6.66E-10	1.07E-09	0.00E+00	0.00E+00	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	CARTGRID	1	373000	3761700	2.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-07	1.34E-08	6.49E-10	9.90E-10	0.00E+00	0.00E+00	8.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	CARTGRID	1	373100	3761700	2.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-07	1.32E-08	6.33E-10	9.28E-10	0.00E+00	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	CARTGRID	1	373200	3761700	2.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-07	1.28E-08	6.13E-10	8.79E-10	0.00E+00	0.00E+00	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	CARTGRID	1	373300	3761700	2.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-07	1.26E-08	6.00E-10	8.46E-10	0.00E+00	0.00E+00	8.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	CARTGRID	1	373400	3761700	2.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	1.20E-08	5.74E-10	8.10E-10	0.00E+00	0.00E+00	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
129	CARTGRID	1	373500	3761700	2.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	1.17E-08	5.57E-10	7.82E-10	0.00E+00	0.00E+00	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	CARTGRID	1	373600	3761700	2.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-07	1.19E-08	5.65E-10	7.72E-10	0.00E+00	0.00E+00	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	CARTGRID	1	373700	3761700	3.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-07	1.19E-08	5.64E-10	7.59E-10	0.00E+00	0.00E+00	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	CARTGRID	1	373800	3761700	3.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	1.19E-08	5.64E-10	7.51E-10	0.00E+00	0.00E+00	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	CARTGRID	1	373900	3761700	3.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-07	1.18E-08	5.60E-10	7.38E-10	0.00E+00	0.00E+00	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	CARTGRID	1	374000	3761700	3.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	1.18E-08	5.56E-10	7.27E-10	0.00E+00	0.00E+00	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	CARTGRID	1	374100	3761700	2.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	1.16E-08	5.47E-10	7.13E-10	0.00E+00	0.00E+00	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	CARTGRID	1	374200	3761700	2.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	1.12E-08	5.28E-10	6.86E-10	0.00E+00	0.00E+00	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	CARTGRID	1	374300	3761700	2.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-07	1.04E-08	4.91E-10	6.43E-10	0.00E+00	0.00E+00	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	CARTGRID	1	374400	3761700	1.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-07	9.79E-09	4.64E-10	6.20E-10	0.00E+00	0.00E+00	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	CARTGRID	1	374500	3761700	1.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	9.22E-09	4.39E-10	6.04E-10	0.00E+00	0.00E+00	5.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	CARTGRID	1	374600	3761700	1.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-07	8.63E-09	4.14E-10	5.96E-10	0.00E+00	0.00E+00	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	CARTGRID	1	374700	3761700	1.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-07	8.21E-09	3.98E-10	6.16E-10	0.00E+00	0.00E+00	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	CARTGRID	1	374800	3761700	1.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.26E-08	7.71E-09	3.78E-10	6.33E-10	0.00E+00	0.00E+00	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	CARTGRID	1	374900	3761700	9.64E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.33E-08	7.24E-09	3.55E-10	5.97E-10	0.00E+00	0.00E+00	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	CARTGRID	1	375000	3761700	8.74E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.49E-08	6.93E-09	3.41E-10	5.79E-10	0.00E+00	0.00E+00	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	CARTGRID	1	371500	3761800	1.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-07	1.36E-08	7.14E-10	1.65E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	CARTGRID	1	371600	3761800	1.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	1.40E-08	7.37E-10	1.70E-09	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	CARTGRID	1	371700	3761800	2.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	1.45E-08	7.59E-10	1.75E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	CARTGRID	1	371800	3761800	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-07	1.49E-08	7.78E-10	1.79E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	CARTGRID	1	371900	3761800	2.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	1.52E-08	7.96E-10	1.82E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	CARTGRID	1	372000	3761800	2.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	1.54E-08	8.08E-10	1.84E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	CARTGRID	1	372100	3761800	2.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-07	1.56E-08	8.14E-10	1.84E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	CARTGRID	1	372200	3761800	2.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-07	1.56E-08	8.13E-10	1.82E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	CARTGRID	1	372300	3761800	2.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-07	1.56E-08	8.08E-10	1.77E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	CARTGRID	1	372400	3761800	2.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	1.56E-08	8.01E-10	1.70E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	CARTGRID	1	372500	3761800	2.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-07	1.55E-08	7.91E-10	1.61E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	CARTGRID	1	372600	3761800	2.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-07	1.55E-08	7.78E-10	1.50E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	CARTGRID	1	372700	3761800	2.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	1.54E-08	7.67E-10	1.38E-09	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	CARTGRID	1	372800	3761800	2.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-07	1.53E-08	7.53E-10	1.26E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	CARTGRID	1	372900	3761800	2.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.59E-07	1.53E-08	7.42E-10	1.16E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	CARTGRID	1	373000	3761800	2.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.70E-07	1.53E-08	7.35E-10	1.07E-09	0.00E+00	0.00E+00	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	CARTGRID	1	373100	3761800	3.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-07	1.52E-08	7.22E-10	9.97E-10	0.00E+00	0.00E+00	9.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	CARTGRID	1	373200	3761800	3.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-07	1.47E-08	6.96E-10	9.37E-10	0.00E+00	0.00E+00	9.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	CARTGRID	1	373300	3761800	3.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.03E-07	1.45E-08	6.86E-10	9.02E-10	0.00E+00	0.00E+00	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	CARTGRID	1	373400	3761800	3.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	1.42E-08	6.71E-10	8.74E-10	0.00E+00	0.00E+00	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	CARTGRID	1	373500	3761800	3.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.01E-07	1.30E-08	6.18E-10	8.23E-10	0.00E+00	0.00E+00	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	CARTGRID	1	373600	3761800	3.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.21E-07	1.33E-08	6.29E-10	8.16E-10	0.00E+00	0.00E+00	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	CARTGRID	1	373700	3761800	3.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.36E-07	1.33E-08	6.30E-10	8.12E-10	0.00E+00	0.00E+00	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	CARTGRID	1	373800	3761800	3.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-07	1.33E-08	6.30E-10	8.13E-10	0.00E+00	0.00E+00	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	CARTGRID	1	373900	3761800	3.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.60E-07	1.32E-08	6.21E-10	7.97E-10	0.00E+00	0.00E+00	8.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	CARTGRID	1	374000	3761800	3.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-07	1.30E-08	6.12E-10	7.79E-10	0.00E+00	0.00E+00	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	CARTGRID	1	374100	3761800	3.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-07	1.28E-08	6.02E-10	7.62E-10	0.00E+00	0.00E+00	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	CARTGRID	1	374200	3761800	3.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-07	1.21E-08	5.69E-10	7.14E-10	0.00E+00	0.00E+00	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	CARTGRID	1	374300	3761800	4.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.80E-07	1.13E-08	5.31E-10	6.74E-10	0.00E+00	0.00E+00	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	CARTGRID	1	374400	3761800	2.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-07	1.05E-08	4.97E-10	6.48E-10	0.00E+00	0.00E+00	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	CARTGRID	1	374500	3761800	1.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	9.85E-09	4.68E-10	6.34E-10	0.00E+00	0.00E+00	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	CARTGRID	1	374600	3761800	1.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	9.30E-09	4.46E-10	6.44E-10	0.00E+00	0.00E+00	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	CARTGRID	1	374700	3761800	1.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-07	8.74E-09	4.25E-10	6.72E-10	0.00E+00	0.00E+00	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	CARTGRID	1	374800	3761800	1.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	8.08E-09	3.93E-10	6.22E-10	0.00E+00	0.00E+00	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	CARTGRID	1	374900	3761800	1.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.02E-08	7.73E-09	3.78E-10	6.25E-10	0.00E+00	0.00E+00	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	CARTGRID	1	375000	3761800	9.40E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.07E-08	7.40E-09	3.62E-10	5.99E-10	0.00E+00	0.00E+00	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	CARTGRID	1	371500	3761900	1.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	1.43E-08	7.44E-10	1.68E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	CARTGRID	1	371600	3761900	2.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	1.47E-08	7.69E-10	1.74E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	CARTGRID	1	371700	3761900	2.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-07	1.53E-08	7.99E-10	1.79E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	CARTGRID	1	371800	3761900	2.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-07	1.58E-08	8.22E-10	1.85E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	CARTGRID	1	371900	3761900	2.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-07	1.62E-08	8.43E-10	1.89E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	CARTGRID	1	372000	3761900	2.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	1.66E-08	8.61E-10	1.92E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	CARTGRID	1	372100	3761900	2.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-07	1.69E-08	8.75E-10	1.94E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	CARTGRID	1	372200	3761900	2.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-07	1.70E-08	8.79E-10	1.93E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	CARTGRID	1	372300	3761900	2.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-07	1.70E-08	8.79E-10	1.90E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	CARTGRID	1	372400	3761900	2.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.46E-07	1.71E-08	8.76E-10	1.84E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	CARTGRID	1	372500	3761900	2.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.54E-07	1.71E-08	8.70E-10	1.75E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	CARTGRID	1	372600	3761900	2.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-07	1.73E-08	8.70E-10	1.64E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
193	CARTGRID	1	372700	3761900	3.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-07	1.73E-08	8.58E-10	1.51E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	CARTGRID	1	372800	3761900	3.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	1.73E-08	8.45E-10	1.38E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	CARTGRID	1	372900	3761900	3.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	1.74E-08	8.39E-10	1.26E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	CARTGRID	1	373000	3761900	3.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-07	1.76E-08	8.38E-10	1.16E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	CARTGRID	1	373100	3761900	3.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	1.75E-08	8.28E-10	1.08E-09	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	CARTGRID	1	373200	3761900	3.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-07	1.72E-08	8.09E-10	1.01E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	CARTGRID	1	373300	3761900	3.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-07	1.70E-08	7.96E-10	9.70E-10	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	CARTGRID	1	373400	3761900	4.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-07	1.66E-08	7.77E-10	9.40E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	CARTGRID	1	373500	3761900	4.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-07	1.52E-08	7.14E-10	8.79E-10	0.00E+00	0.00E+00	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	CARTGRID	1	373600	3761900	3.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.66E-07	1.42E-08	6.67E-10	8.39E-10	0.00E+00	0.00E+00	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	CARTGRID	1	373700	3761900	4.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-07	1.48E-08	6.94E-10	8.56E-10	0.00E+00	0.00E+00	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	CARTGRID	1	373800	3761900	4.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.16E-07	1.48E-08	6.98E-10	8.72E-10	0.00E+00	0.00E+00	9.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	CARTGRID	1	373900	3761900	4.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-07	1.47E-08	6.89E-10	8.58E-10	0.00E+00	0.00E+00	9.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	CARTGRID	1	374000	3761900	4.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.61E-07	1.44E-08	6.78E-10	8.34E-10	0.00E+00	0.00E+00	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	CARTGRID	1	374100	3761900	5.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.87E-07	1.42E-08	6.67E-10	8.16E-10	0.00E+00	0.00E+00	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	CARTGRID	1	374200	3761900	5.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.23E-07	1.33E-08	6.22E-10	7.51E-10	0.00E+00	0.00E+00	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	CARTGRID	1	374300	3761900	6.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.14E-07	1.21E-08	5.69E-10	7.01E-10	0.00E+00	0.00E+00	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	CARTGRID	1	374400	3761900	8.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.28E-07	1.15E-08	5.40E-10	6.86E-10	0.00E+00	0.00E+00	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	CARTGRID	1	374500	3761900	3.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-07	1.06E-08	5.04E-10	6.75E-10	0.00E+00	0.00E+00	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	CARTGRID	1	374600	3761900	1.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	9.88E-09	4.74E-10	6.86E-10	0.00E+00	0.00E+00	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	CARTGRID	1	374700	3761900	1.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-07	8.90E-09	4.28E-10	6.28E-10	0.00E+00	0.00E+00	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	CARTGRID	1	374800	3761900	1.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-07	8.66E-09	4.19E-10	6.46E-10	0.00E+00	0.00E+00	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	CARTGRID	1	374900	3761900	1.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.24E-08	8.14E-09	3.92E-10	5.82E-10	0.00E+00	0.00E+00	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	CARTGRID	1	375000	3761900	9.99E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.59E-08	7.86E-09	3.81E-10	5.86E-10	0.00E+00	0.00E+00	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	CARTGRID	1	371500	3762000	2.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	1.49E-08	7.74E-10	1.70E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	CARTGRID	1	371600	3762000	2.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-07	1.55E-08	8.04E-10	1.76E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	CARTGRID	1	371700	3762000	2.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-07	1.62E-08	8.39E-10	1.83E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	CARTGRID	1	371800	3762000	2.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	1.71E-08	8.81E-10	1.90E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	CARTGRID	1	371900	3762000	2.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	1.74E-08	9.00E-10	1.95E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	CARTGRID	1	372000	3762000	2.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-07	1.76E-08	9.13E-10	1.99E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	CARTGRID	1	372100	3762000	2.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-07	1.80E-08	9.30E-10	2.03E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	CARTGRID	1	372200	3762000	2.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-07	1.83E-08	9.44E-10	2.04E-09	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	CARTGRID	1	372300	3762000	2.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-07	1.87E-08	9.59E-10	2.03E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	CARTGRID	1	372400	3762000	3.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-07	1.88E-08	9.61E-10	1.99E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	CARTGRID	1	372500	3762000	3.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	1.90E-08	9.61E-10	1.91E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	CARTGRID	1	372600	3762000	3.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	1.87E-08	9.38E-10	1.79E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	CARTGRID	1	372700	3762000	3.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-07	1.94E-08	9.60E-10	1.67E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	CARTGRID	1	372800	3762000	3.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-07	1.96E-08	9.52E-10	1.52E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	CARTGRID	1	372900	3762000	3.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-07	2.00E-08	9.58E-10	1.38E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	CARTGRID	1	373000	3762000	3.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.46E-07	2.04E-08	9.67E-10	1.27E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	CARTGRID	1	373100	3762000	3.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-07	2.05E-08	9.63E-10	1.18E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	CARTGRID	1	373200	3762000	4.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.82E-07	2.04E-08	9.50E-10	1.10E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	CARTGRID	1	373300	3762000	4.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-07	2.02E-08	9.37E-10	1.05E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	CARTGRID	1	373400	3762000	4.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-07	1.96E-08	9.10E-10	1.02E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	CARTGRID	1	373500	3762000	4.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.67E-07	1.84E-08	8.57E-10	9.67E-10	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	CARTGRID	1	373600	3762000	9.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.14E-07	1.63E-08	7.63E-10	8.94E-10	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	CARTGRID	1	373700	3762000	5.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.97E-07	1.61E-08	7.53E-10	8.87E-10	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	CARTGRID	1	373800	3762000	5.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.99E-07	1.66E-08	7.76E-10	9.32E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	CARTGRID	1	373900	3762000	5.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.24E-07	1.65E-08	7.73E-10	9.40E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	CARTGRID	1	374000	3762000	5.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.63E-07	1.64E-08	7.65E-10	9.19E-10	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	CARTGRID	1	374100	3762000	6.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.33E-07	1.60E-08	7.49E-10	8.87E-10	0.00E+00	0.00E+00	9.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	CARTGRID	1	374200	3762000	8.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.41E-07	1.52E-08	7.07E-10	8.22E-10	0.00E+00	0.00E+00	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	CARTGRID	1	374300	3762000	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	1.34E-08	6.24E-10	7.40E-10	0.00E+00	0.00E+00	8.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	CARTGRID	1	374400	3762000	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	1.25E-08	5.89E-10	7.32E-10	0.00E+00	0.00E+00	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	CARTGRID	1	374500	3762000	3.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-07	1.14E-08	5.41E-10	7.18E-10	0.00E+00	0.00E+00	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	CARTGRID	1	374600	3762000	1.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	9.72E-09	4.64E-10	6.51E-10	0.00E+00	0.00E+00	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	CARTGRID	1	374700	3762000	1.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-07	9.21E-09	4.40E-10	6.20E-10	0.00E+00	0.00E+00	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	CARTGRID	1	374800	3762000	1.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-07	9.25E-09	4.44E-10	6.44E-10	0.00E+00	0.00E+00	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	CARTGRID	1	374900	3762000	1.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.79E-08	8.40E-09	4.01E-10	5.60E-10	0.00E+00	0.00E+00	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	CARTGRID	1	375000	3762000	1.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.15E-08	8.20E-09	3.92E-10	5.55E-10	0.00E+00	0.00E+00	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	CARTGRID	1	371500	3762100	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-07	1.56E-08	8.05E-10	1.71E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	CARTGRID	1	371600	3762100	2.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	1.63E-08	8.39E-10	1.78E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	CARTGRID	1	371700	3762100	2.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-07	1.71E-08	8.79E-10	1.86E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	CARTGRID	1	371800	3762100	2.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-07	1.83E-08	9.34E-10	1.94E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
257	CARTGRID	1	371900	3762100	2.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-07	1.87E-08	9.56E-10	2.00E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	CARTGRID	1	372000	3762100	2.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-07	1.90E-08	9.74E-10	2.06E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	CARTGRID	1	372100	3762100	2.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	1.94E-08	9.99E-10	2.11E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	CARTGRID	1	372200	3762100	2.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	1.97E-08	1.01E-09	2.14E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	CARTGRID	1	372300	3762100	3.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-07	1.99E-08	1.02E-09	2.15E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	CARTGRID	1	372400	3762100	3.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	2.07E-08	1.05E-09	2.14E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	CARTGRID	1	372500	3762100	3.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-07	2.11E-08	1.06E-09	2.08E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	CARTGRID	1	372600	3762100	3.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	2.13E-08	1.06E-09	1.97E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	CARTGRID	1	372700	3762100	3.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.21E-07	2.12E-08	1.05E-09	1.82E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	CARTGRID	1	372800	3762100	3.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.41E-07	2.19E-08	1.06E-09	1.67E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	CARTGRID	1	372900	3762100	4.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-07	2.28E-08	1.09E-09	1.53E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	CARTGRID	1	373000	3762100	4.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.89E-07	2.38E-08	1.12E-09	1.42E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	CARTGRID	1	373100	3762100	4.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-07	2.44E-08	1.14E-09	1.32E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	CARTGRID	1	373200	3762100	4.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-07	2.42E-08	1.12E-09	1.21E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	CARTGRID	1	373300	3762100	5.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.62E-07	2.41E-08	1.11E-09	1.16E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	CARTGRID	1	373400	3762100	5.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.04E-07	2.34E-08	1.08E-09	1.11E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	CARTGRID	1	373500	3762100	6.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.63E-07	2.21E-08	1.02E-09	1.06E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	CARTGRID	1	373600	3762100	6.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.71E-07	1.98E-08	9.13E-10	9.80E-10	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	CARTGRID	1	373700	3762100	7.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.79E-07	1.73E-08	8.03E-10	9.13E-10	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	CARTGRID	1	373800	3762100	7.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.57E-07	1.69E-08	7.86E-10	8.98E-10	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	CARTGRID	1	373900	3762100	6.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.49E-07	1.86E-08	8.65E-10	1.00E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	CARTGRID	1	374000	3762100	6.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.67E-07	1.86E-08	8.68E-10	1.03E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	CARTGRID	1	374100	3762100	7.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.55E-07	1.82E-08	8.49E-10	9.84E-10	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	CARTGRID	1	374200	3762100	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-06	1.70E-08	7.89E-10	8.77E-10	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	CARTGRID	1	374300	3762100	2.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	1.46E-08	6.77E-10	7.76E-10	0.00E+00	0.00E+00	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	CARTGRID	1	374400	3762100	2.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-06	1.36E-08	6.39E-10	7.82E-10	0.00E+00	0.00E+00	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	CARTGRID	1	374500	3762100	6.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.12E-07	1.24E-08	5.88E-10	7.82E-10	0.00E+00	0.00E+00	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	CARTGRID	1	374600	3762100	2.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-07	1.08E-08	5.10E-10	6.82E-10	0.00E+00	0.00E+00	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	CARTGRID	1	374700	3762100	1.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	9.78E-09	4.65E-10	6.28E-10	0.00E+00	0.00E+00	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	CARTGRID	1	374800	3762100	1.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-07	9.72E-09	4.61E-10	6.19E-10	0.00E+00	0.00E+00	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	CARTGRID	1	374900	3762100	1.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-07	8.63E-09	4.10E-10	5.58E-10	0.00E+00	0.00E+00	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	CARTGRID	1	375000	3762100	1.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.99E-08	8.33E-09	3.96E-10	5.39E-10	0.00E+00	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	CARTGRID	1	371500	3762200	2.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	1.63E-08	8.34E-10	1.73E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	CARTGRID	1	371600	3762200	2.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	1.72E-08	8.76E-10	1.80E-09	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	CARTGRID	1	371700	3762200	2.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	1.80E-08	9.19E-10	1.88E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	CARTGRID	1	371800	3762200	2.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	1.94E-08	9.85E-10	1.97E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	CARTGRID	1	371900	3762200	2.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-07	2.01E-08	1.02E-09	2.05E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	CARTGRID	1	372000	3762200	2.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	2.05E-08	1.04E-09	2.12E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	CARTGRID	1	372100	3762200	3.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-07	2.14E-08	1.09E-09	2.19E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	CARTGRID	1	372200	3762200	3.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-07	2.17E-08	1.10E-09	2.24E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	CARTGRID	1	372300	3762200	3.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-07	2.20E-08	1.12E-09	2.27E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	CARTGRID	1	372400	3762200	3.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-07	2.21E-08	1.12E-09	2.26E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	CARTGRID	1	372500	3762200	3.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.24E-07	2.29E-08	1.16E-09	2.23E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	CARTGRID	1	372600	3762200	3.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-07	2.39E-08	1.19E-09	2.16E-09	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	CARTGRID	1	372700	3762200	4.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.67E-07	2.44E-08	1.20E-09	2.03E-09	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	CARTGRID	1	372800	3762200	4.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.90E-07	2.55E-08	1.23E-09	1.89E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	CARTGRID	1	372900	3762200	4.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.07E-07	2.62E-08	1.25E-09	1.71E-09	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	CARTGRID	1	373000	3762200	4.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-07	2.77E-08	1.30E-09	1.59E-09	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	CARTGRID	1	373100	3762200	5.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.53E-07	2.88E-08	1.33E-09	1.49E-09	0.00E+00	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	CARTGRID	1	373200	3762200	5.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.78E-07	2.90E-08	1.34E-09	1.37E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	CARTGRID	1	373300	3762200	5.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.08E-07	2.92E-08	1.34E-09	1.31E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	CARTGRID	1	373400	3762200	5.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.51E-07	2.85E-08	1.31E-09	1.26E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	CARTGRID	1	373500	3762200	6.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-07	2.69E-08	1.23E-09	1.19E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	CARTGRID	1	373600	3762200	9.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.36E-07	2.41E-08	1.11E-09	1.09E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	CARTGRID	1	373700	3762200	7.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.06E-07	2.01E-08	9.27E-10	9.78E-10	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	CARTGRID	1	373800	3762200	7.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.61E-07	2.15E-08	9.95E-10	1.07E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	CARTGRID	1	373900	3762200	8.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.57E-07	2.04E-08	9.40E-10	9.93E-10	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	CARTGRID	1	374000	3762200	9.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.88E-07	2.11E-08	9.76E-10	1.07E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	CARTGRID	1	374100	3762200	9.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.20E-07	2.06E-08	9.54E-10	1.03E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	CARTGRID	1	374200	3762200	1.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-06	1.87E-08	8.62E-10	9.01E-10	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	CARTGRID	1	374300	3762200	2.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	1.62E-08	7.50E-10	8.27E-10	0.00E+00	0.00E+00	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	CARTGRID	1	374400	3762200	2.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-06	1.49E-08	6.96E-10	8.43E-10	0.00E+00	0.00E+00	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	CARTGRID	1	374500	3762200	7.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.00E-07	1.33E-08	6.27E-10	8.08E-10	0.00E+00	0.00E+00	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	CARTGRID	1	374600	3762200	3.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-07	1.17E-08	5.53E-10	7.01E-10	0.00E+00	0.00E+00	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
321	CARTGRID	1	374700	3762200	2.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-07	1.00E-08	4.75E-10	6.28E-10	0.00E+00	0.00E+00	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	CARTGRID	1	374800	3762200	1.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	9.53E-09	4.51E-10	5.95E-10	0.00E+00	0.00E+00	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	CARTGRID	1	374900	3762200	1.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-07	8.92E-09	4.23E-10	5.62E-10	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	CARTGRID	1	375000	3762200	1.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-07	8.46E-09	4.01E-10	5.40E-10	0.00E+00	0.00E+00	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	CARTGRID	1	371500	3762300	2.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-07	1.70E-08	8.62E-10	1.73E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	CARTGRID	1	371600	3762300	2.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-07	1.80E-08	9.10E-10	1.81E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	CARTGRID	1	371700	3762300	2.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-07	1.90E-08	9.62E-10	1.89E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	CARTGRID	1	371800	3762300	2.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-07	2.01E-08	1.01E-09	1.98E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	CARTGRID	1	371900	3762300	2.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	2.14E-08	1.08E-09	2.08E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	CARTGRID	1	372000	3762300	3.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	2.22E-08	1.12E-09	2.16E-09	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	CARTGRID	1	372100	3762300	3.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-07	2.35E-08	1.18E-09	2.25E-09	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	CARTGRID	1	372200	3762300	3.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.03E-07	2.43E-08	1.22E-09	2.33E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	CARTGRID	1	372300	3762300	3.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	2.48E-08	1.25E-09	2.38E-09	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	CARTGRID	1	372400	3762300	3.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-07	2.47E-08	1.24E-09	2.40E-09	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	CARTGRID	1	372500	3762300	3.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-07	2.55E-08	1.28E-09	2.39E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	CARTGRID	1	372600	3762300	4.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-07	2.56E-08	1.27E-09	2.32E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	CARTGRID	1	372700	3762300	4.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.09E-07	2.79E-08	1.36E-09	2.27E-09	0.00E+00	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	CARTGRID	1	372800	3762300	4.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-07	2.93E-08	1.41E-09	2.15E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	CARTGRID	1	372900	3762300	5.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.56E-07	3.04E-08	1.45E-09	1.97E-09	0.00E+00	0.00E+00	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	CARTGRID	1	373000	3762300	5.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.76E-07	3.20E-08	1.50E-09	1.81E-09	0.00E+00	0.00E+00	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	CARTGRID	1	373100	3762300	5.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.88E-07	3.37E-08	1.57E-09	1.77E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	CARTGRID	1	373200	3762300	5.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.12E-07	3.46E-08	1.59E-09	1.61E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	CARTGRID	1	373300	3762300	5.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.38E-07	3.49E-08	1.59E-09	1.53E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	CARTGRID	1	373400	3762300	6.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.76E-07	3.44E-08	1.57E-09	1.45E-09	0.00E+00	0.00E+00	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	CARTGRID	1	373500	3762300	7.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.82E-07	3.18E-08	1.44E-09	1.24E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	CARTGRID	1	373600	3762300	8.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.54E-07	2.74E-08	1.24E-09	1.12E-09	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	CARTGRID	1	373700	3762300	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-06	2.42E-08	1.10E-09	1.06E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	CARTGRID	1	373800	3762300	1.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	2.56E-08	1.18E-09	1.21E-09	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	CARTGRID	1	373900	3762300	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	2.47E-08	1.14E-09	1.14E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	CARTGRID	1	374000	3762300	2.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	2.40E-08	1.10E-09	1.09E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	CARTGRID	1	374100	3762300	2.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	2.38E-08	1.09E-09	1.09E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	CARTGRID	1	374200	3762300	2.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-06	2.02E-08	9.28E-10	9.17E-10	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	CARTGRID	1	374300	3762300	6.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.77E-06	1.84E-08	8.49E-10	9.15E-10	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	CARTGRID	1	374400	3762300	5.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.36E-06	1.62E-08	7.60E-10	9.14E-10	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	CARTGRID	1	374500	3762300	8.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.34E-07	1.38E-08	6.47E-10	7.69E-10	0.00E+00	0.00E+00	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	CARTGRID	1	374600	3762300	4.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	1.10E-08	5.20E-10	6.75E-10	0.00E+00	0.00E+00	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	CARTGRID	1	374700	3762300	3.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.95E-07	1.04E-08	4.92E-10	6.36E-10	0.00E+00	0.00E+00	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	CARTGRID	1	374800	3762300	2.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	9.31E-09	4.41E-10	5.90E-10	0.00E+00	0.00E+00	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	CARTGRID	1	374900	3762300	1.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	8.84E-09	4.19E-10	5.61E-10	0.00E+00	0.00E+00	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	CARTGRID	1	375000	3762300	1.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	8.24E-09	3.92E-10	5.36E-10	0.00E+00	0.00E+00	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	CARTGRID	1	371500	3762400	2.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	1.76E-08	8.87E-10	1.73E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	CARTGRID	1	371600	3762400	2.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	1.87E-08	9.43E-10	1.81E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	CARTGRID	1	371700	3762400	2.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-07	2.01E-08	1.01E-09	1.90E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	CARTGRID	1	371800	3762400	2.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	2.13E-08	1.07E-09	1.99E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	CARTGRID	1	371900	3762400	3.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	2.28E-08	1.14E-09	2.09E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	CARTGRID	1	372000	3762400	3.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-07	2.40E-08	1.20E-09	2.19E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	CARTGRID	1	372100	3762400	3.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-07	2.52E-08	1.26E-09	2.29E-09	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	CARTGRID	1	372200	3762400	3.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-07	2.69E-08	1.34E-09	2.40E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	CARTGRID	1	372300	3762400	4.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-07	2.82E-08	1.40E-09	2.49E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	CARTGRID	1	372400	3762400	4.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	2.87E-08	1.43E-09	2.54E-09	0.00E+00	0.00E+00	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	CARTGRID	1	372500	3762400	4.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.02E-07	3.00E-08	1.48E-09	2.60E-09	0.00E+00	0.00E+00	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	CARTGRID	1	372600	3762400	4.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-07	2.87E-08	1.42E-09	2.51E-09	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	CARTGRID	1	372700	3762400	5.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.56E-07	3.20E-08	1.57E-09	2.57E-09	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	CARTGRID	1	372800	3762400	5.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-07	3.36E-08	1.63E-09	2.51E-09	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	CARTGRID	1	372900	3762400	5.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.02E-07	3.52E-08	1.68E-09	2.33E-09	0.00E+00	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	CARTGRID	1	373000	3762400	5.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.20E-07	3.70E-08	1.74E-09	2.14E-09	0.00E+00	0.00E+00	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	CARTGRID	1	373100	3762400	5.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-07	3.88E-08	1.80E-09	2.00E-09	0.00E+00	0.00E+00	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	CARTGRID	1	373200	3762400	6.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.33E-07	4.03E-08	1.84E-09	1.79E-09	0.00E+00	0.00E+00	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	CARTGRID	1	373300	3762400	6.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.64E-07	4.11E-08	1.86E-09	1.64E-09	0.00E+00	0.00E+00	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	CARTGRID	1	373400	3762400	6.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-07	4.09E-08	1.85E-09	1.54E-09	0.00E+00	0.00E+00	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	CARTGRID	1	373500	3762400	7.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-07	4.00E-08	1.80E-09	1.42E-09	0.00E+00	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	CARTGRID	1	373600	3762400	8.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.94E-07	3.39E-08	1.52E-09	1.22E-09	0.00E+00	0.00E+00	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	CARTGRID	1	373700	3762400	9.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.92E-07	3.08E-08	1.39E-09	1.17E-09	0.00E+00	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	CARTGRID	1	373800	3762400	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	3.12E-08	1.43E-09	1.34E-09	0.00E+00	0.00E+00	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
385	CARTGRID	1	373900	3762400	1.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	2.98E-08	1.36E-09	1.29E-09	0.00E+00	0.00E+00	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	CARTGRID	1	374000	3762400	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-06	2.85E-08	1.30E-09	1.17E-09	0.00E+00	0.00E+00	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	CARTGRID	1	374100	3762400	3.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-06	2.71E-08	1.23E-09	1.07E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	CARTGRID	1	374200	3762400	3.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-06	2.31E-08	1.05E-09	9.83E-10	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	CARTGRID	1	374300	3762400	4.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.30E-06	2.00E-08	9.21E-10	9.44E-10	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	CARTGRID	1	374400	3762400	3.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.58E-06	1.77E-08	8.25E-10	9.37E-10	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	CARTGRID	1	374500	3762400	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-06	1.40E-08	6.53E-10	7.59E-10	0.00E+00	0.00E+00	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	CARTGRID	1	374600	3762400	5.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.60E-07	1.04E-08	4.95E-10	6.67E-10	0.00E+00	0.00E+00	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	CARTGRID	1	374700	3762400	3.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	9.90E-09	4.69E-10	6.29E-10	0.00E+00	0.00E+00	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	CARTGRID	1	374800	3762400	2.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-07	9.10E-09	4.32E-10	5.90E-10	0.00E+00	0.00E+00	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	CARTGRID	1	374900	3762400	2.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	8.45E-09	4.03E-10	5.60E-10	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	CARTGRID	1	375000	3762400	2.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	8.15E-09	3.89E-10	5.47E-10	0.00E+00	0.00E+00	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	CARTGRID	1	371500	3762500	2.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-07	1.81E-08	9.10E-10	1.73E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	CARTGRID	1	371600	3762500	2.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-07	1.94E-08	9.71E-10	1.82E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	CARTGRID	1	371700	3762500	2.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-07	2.08E-08	1.04E-09	1.90E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	CARTGRID	1	371800	3762500	3.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-07	2.29E-08	1.13E-09	2.01E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	CARTGRID	1	371900	3762500	3.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-07	2.44E-08	1.21E-09	2.11E-09	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	CARTGRID	1	372000	3762500	3.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-07	2.62E-08	1.29E-09	2.22E-09	0.00E+00	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	CARTGRID	1	372100	3762500	3.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-07	2.72E-08	1.34E-09	2.32E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	CARTGRID	1	372200	3762500	3.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-07	2.92E-08	1.44E-09	2.44E-09	0.00E+00	0.00E+00	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	CARTGRID	1	372300	3762500	4.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.82E-07	3.17E-08	1.55E-09	2.58E-09	0.00E+00	0.00E+00	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	CARTGRID	1	372400	3762500	4.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.12E-07	3.33E-08	1.63E-09	2.69E-09	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	CARTGRID	1	372500	3762500	4.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.28E-07	3.34E-08	1.64E-09	2.73E-09	0.00E+00	0.00E+00	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	CARTGRID	1	372600	3762500	5.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.41E-07	3.31E-08	1.62E-09	2.72E-09	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	CARTGRID	1	372700	3762500	5.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.88E-07	3.52E-08	1.72E-09	2.74E-09	0.00E+00	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	CARTGRID	1	372800	3762500	5.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.24E-07	3.84E-08	1.87E-09	2.98E-09	0.00E+00	0.00E+00	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	CARTGRID	1	372900	3762500	6.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.42E-07	4.03E-08	1.94E-09	2.88E-09	0.00E+00	0.00E+00	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	CARTGRID	1	373000	3762500	6.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.62E-07	4.26E-08	2.01E-09	2.56E-09	0.00E+00	0.00E+00	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	CARTGRID	1	373100	3762500	6.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.52E-07	4.45E-08	2.05E-09	2.18E-09	0.00E+00	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	CARTGRID	1	373200	3762500	6.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.49E-07	4.58E-08	2.08E-09	1.88E-09	0.00E+00	0.00E+00	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	CARTGRID	1	373300	3762500	6.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.78E-07	4.71E-08	2.12E-09	1.71E-09	0.00E+00	0.00E+00	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	CARTGRID	1	373400	3762500	7.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.29E-07	4.77E-08	2.14E-09	1.63E-09	0.00E+00	0.00E+00	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	CARTGRID	1	373500	3762500	8.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.10E-07	4.99E-08	2.23E-09	1.65E-09	0.00E+00	0.00E+00	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	CARTGRID	1	373600	3762500	1.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	4.28E-08	1.91E-09	1.34E-09	0.00E+00	0.00E+00	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	CARTGRID	1	373700	3762500	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-06	4.15E-08	1.86E-09	1.32E-09	0.00E+00	0.00E+00	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	CARTGRID	1	373800	3762500	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-06	4.03E-08	1.81E-09	1.47E-09	0.00E+00	0.00E+00	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	CARTGRID	1	373900	3762500	1.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-06	3.56E-08	1.61E-09	1.34E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	CARTGRID	1	374000	3762500	2.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-06	3.58E-08	1.61E-09	1.28E-09	0.00E+00	0.00E+00	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	CARTGRID	1	374100	3762500	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-06	3.05E-08	1.37E-09	1.09E-09	0.00E+00	0.00E+00	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	CARTGRID	1	374200	3762500	3.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.34E-06	2.68E-08	1.22E-09	1.08E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	CARTGRID	1	374300	3762500	3.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-06	2.25E-08	1.03E-09	1.04E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	CARTGRID	1	374400	3762500	2.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	1.87E-08	8.59E-10	8.80E-10	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	CARTGRID	1	374500	3762500	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	1.35E-08	6.32E-10	7.56E-10	0.00E+00	0.00E+00	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	CARTGRID	1	374600	3762500	6.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.64E-07	1.07E-08	5.05E-10	6.74E-10	0.00E+00	0.00E+00	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	CARTGRID	1	374700	3762500	4.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.49E-07	9.45E-09	4.50E-10	6.23E-10	0.00E+00	0.00E+00	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	CARTGRID	1	374800	3762500	3.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.28E-07	8.38E-09	4.02E-10	5.84E-10	0.00E+00	0.00E+00	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	CARTGRID	1	374900	3762500	2.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-07	7.69E-09	3.71E-10	5.56E-10	0.00E+00	0.00E+00	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	CARTGRID	1	375000	3762500	2.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-07	7.63E-09	3.67E-10	5.45E-10	0.00E+00	0.00E+00	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	CARTGRID	1	371500	3762600	2.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.20E-07	1.86E-08	9.32E-10	1.73E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	CARTGRID	1	371600	3762600	2.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-07	2.01E-08	9.99E-10	1.82E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	CARTGRID	1	371700	3762600	2.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	2.17E-08	1.07E-09	1.91E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	CARTGRID	1	371800	3762600	3.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	2.35E-08	1.16E-09	2.00E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	CARTGRID	1	371900	3762600	3.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-07	2.62E-08	1.28E-09	2.13E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	CARTGRID	1	372000	3762600	3.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-07	2.84E-08	1.38E-09	2.24E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	CARTGRID	1	372100	3762600	3.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.43E-07	3.02E-08	1.47E-09	2.35E-09	0.00E+00	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	CARTGRID	1	372200	3762600	4.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-07	3.17E-08	1.54E-09	2.46E-09	0.00E+00	0.00E+00	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	CARTGRID	1	372300	3762600	4.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.02E-07	3.48E-08	1.68E-09	2.61E-09	0.00E+00	0.00E+00	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	CARTGRID	1	372400	3762600	5.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.51E-07	3.82E-08	1.85E-09	2.83E-09	0.00E+00	0.00E+00	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	CARTGRID	1	372500	3762600	5.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-07	3.96E-08	1.92E-09	2.96E-09	0.00E+00	0.00E+00	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	CARTGRID	1	372600	3762600	5.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.16E-07	4.09E-08	1.99E-09	3.12E-09	0.00E+00	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	CARTGRID	1	372700	3762600	5.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-07	3.91E-08	1.89E-09	2.93E-09	0.00E+00	0.00E+00	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	CARTGRID	1	372800	3762600	6.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.65E-07	4.13E-08	1.98E-09	2.92E-09	0.00E+00	0.00E+00	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	CARTGRID	1	372900	3762600	6.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.05E-07	4.58E-08	2.20E-09	3.18E-09	0.00E+00	0.00E+00	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	CARTGRID	1	373000	3762600	6.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.95E-07	4.83E-08	2.27E-09	2.87E-09	0.00E+00	0.00E+00	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
449	CARTGRID	1	373100	3762600	6.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.94E-07	5.07E-08	2.34E-09	2.45E-09	0.00E+00	0.00E+00	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	CARTGRID	1	373200	3762600	6.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.84E-07	5.19E-08	2.36E-09	2.11E-09	0.00E+00	0.00E+00	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	CARTGRID	1	373300	3762600	6.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.98E-07	5.27E-08	2.37E-09	1.89E-09	0.00E+00	0.00E+00	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	CARTGRID	1	373400	3762600	7.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.65E-07	5.51E-08	2.46E-09	1.78E-09	0.00E+00	0.00E+00	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	CARTGRID	1	373500	3762600	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.86E-07	6.05E-08	2.68E-09	1.68E-09	0.00E+00	0.00E+00	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	CARTGRID	1	373600	3762600	1.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-06	5.68E-08	2.51E-09	1.52E-09	0.00E+00	0.00E+00	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	CARTGRID	1	373700	3762600	2.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	6.38E-08	2.81E-09	1.59E-09	0.00E+00	0.00E+00	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	CARTGRID	1	373800	3762600	1.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	5.85E-08	2.59E-09	1.67E-09	0.00E+00	0.00E+00	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	CARTGRID	1	373900	3762600	2.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	4.92E-08	2.20E-09	1.54E-09	0.00E+00	0.00E+00	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	CARTGRID	1	374000	3762600	2.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-06	4.93E-08	2.19E-09	1.47E-09	0.00E+00	0.00E+00	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	CARTGRID	1	374100	3762600	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	3.62E-08	1.62E-09	1.17E-09	0.00E+00	0.00E+00	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	CARTGRID	1	374200	3762600	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	3.11E-08	1.41E-09	1.19E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	CARTGRID	1	374300	3762600	2.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	2.50E-08	1.14E-09	1.05E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	CARTGRID	1	374400	3762600	1.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	1.80E-08	8.30E-10	8.56E-10	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	CARTGRID	1	374500	3762600	8.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.95E-07	1.36E-08	6.36E-10	7.61E-10	0.00E+00	0.00E+00	8.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	CARTGRID	1	374600	3762600	6.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.92E-07	1.15E-08	5.42E-10	6.95E-10	0.00E+00	0.00E+00	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	CARTGRID	1	374700	3762600	4.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.58E-07	9.06E-09	4.34E-10	6.25E-10	0.00E+00	0.00E+00	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	CARTGRID	1	374800	3762600	3.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.66E-07	7.84E-09	3.79E-10	5.84E-10	0.00E+00	0.00E+00	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	CARTGRID	1	374900	3762600	3.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-07	7.39E-09	3.59E-10	5.62E-10	0.00E+00	0.00E+00	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	CARTGRID	1	375000	3762600	2.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	7.22E-09	3.50E-10	5.43E-10	0.00E+00	0.00E+00	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	CARTGRID	1	371500	3762700	2.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-07	1.92E-08	9.56E-10	1.73E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	CARTGRID	1	371600	3762700	2.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	2.08E-08	1.03E-09	1.81E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	CARTGRID	1	371700	3762700	2.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-07	2.25E-08	1.11E-09	1.90E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	CARTGRID	1	371800	3762700	3.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	2.45E-08	1.20E-09	2.00E-09	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	CARTGRID	1	371900	3762700	3.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.07E-07	2.71E-08	1.32E-09	2.12E-09	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	CARTGRID	1	372000	3762700	4.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.48E-07	3.05E-08	1.48E-09	2.26E-09	0.00E+00	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	CARTGRID	1	372100	3762700	4.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.74E-07	3.33E-08	1.60E-09	2.38E-09	0.00E+00	0.00E+00	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	CARTGRID	1	372200	3762700	4.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.81E-07	3.49E-08	1.68E-09	2.47E-09	0.00E+00	0.00E+00	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	CARTGRID	1	372300	3762700	4.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	3.81E-08	1.82E-09	2.62E-09	0.00E+00	0.00E+00	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	CARTGRID	1	372400	3762700	5.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.71E-07	4.21E-08	2.01E-09	2.82E-09	0.00E+00	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	CARTGRID	1	372500	3762700	6.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-07	4.70E-08	2.26E-09	3.30E-09	0.00E+00	0.00E+00	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	CARTGRID	1	372600	3762700	6.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.64E-07	4.81E-08	2.31E-09	3.44E-09	0.00E+00	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	CARTGRID	1	372700	3762700	6.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.00E-07	4.82E-08	2.32E-09	3.42E-09	0.00E+00	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	CARTGRID	1	372800	3762700	7.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-07	4.90E-08	2.35E-09	3.37E-09	0.00E+00	0.00E+00	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	CARTGRID	1	372900	3762700	7.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.79E-07	5.13E-08	2.43E-09	3.22E-09	0.00E+00	0.00E+00	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	CARTGRID	1	373000	3762700	7.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.59E-07	5.54E-08	2.61E-09	3.34E-09	0.00E+00	0.00E+00	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	CARTGRID	1	373100	3762700	7.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.71E-07	5.82E-08	2.69E-09	2.89E-09	0.00E+00	0.00E+00	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	CARTGRID	1	373200	3762700	7.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.82E-07	6.02E-08	2.74E-09	2.46E-09	0.00E+00	0.00E+00	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	CARTGRID	1	373300	3762700	7.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.85E-07	6.25E-08	2.81E-09	2.16E-09	0.00E+00	0.00E+00	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	CARTGRID	1	373400	3762700	8.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.62E-07	6.85E-08	3.05E-09	2.03E-09	0.00E+00	0.00E+00	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	CARTGRID	1	373500	3762700	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	7.68E-08	3.39E-09	1.93E-09	0.00E+00	0.00E+00	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	CARTGRID	1	373600	3762700	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-06	7.71E-08	3.38E-09	1.77E-09	0.00E+00	0.00E+00	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	CARTGRID	1	373700	3762700	2.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	9.99E-08	4.36E-09	2.01E-09	0.00E+00	0.00E+00	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	CARTGRID	1	373800	3762700	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-06	1.08E-07	4.70E-09	2.04E-09	0.00E+00	0.00E+00	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	CARTGRID	1	373900	3762700	1.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-06	8.29E-08	3.63E-09	1.82E-09	0.00E+00	0.00E+00	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	CARTGRID	1	374000	3762700	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-06	6.71E-08	2.94E-09	1.51E-09	0.00E+00	0.00E+00	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	CARTGRID	1	374100	3762700	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	4.66E-08	2.07E-09	1.30E-09	0.00E+00	0.00E+00	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	CARTGRID	1	374200	3762700	2.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-06	3.60E-08	1.62E-09	1.24E-09	0.00E+00	0.00E+00	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	CARTGRID	1	374300	3762700	1.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	2.41E-08	1.09E-09	9.75E-10	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	CARTGRID	1	374400	3762700	1.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	1.59E-08	7.38E-10	8.41E-10	0.00E+00	0.00E+00	9.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	CARTGRID	1	374500	3762700	9.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.15E-07	1.29E-08	6.06E-10	7.55E-10	0.00E+00	0.00E+00	8.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	CARTGRID	1	374600	3762700	5.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-07	1.15E-08	5.41E-10	7.05E-10	0.00E+00	0.00E+00	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	CARTGRID	1	374700	3762700	4.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.65E-07	9.90E-09	4.72E-10	6.55E-10	0.00E+00	0.00E+00	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	CARTGRID	1	374800	3762700	3.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-07	8.00E-09	3.87E-10	5.97E-10	0.00E+00	0.00E+00	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	CARTGRID	1	374900	3762700	3.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.09E-07	7.24E-09	3.53E-10	5.65E-10	0.00E+00	0.00E+00	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	CARTGRID	1	375000	3762700	2.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-07	7.14E-09	3.47E-10	5.50E-10	0.00E+00	0.00E+00	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	CARTGRID	1	371500	3762800	2.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-07	1.99E-08	9.83E-10	1.73E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	CARTGRID	1	371600	3762800	2.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-07	2.16E-08	1.06E-09	1.81E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	CARTGRID	1	371700	3762800	3.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	2.34E-08	1.15E-09	1.90E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	CARTGRID	1	371800	3762800	3.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-07	2.55E-08	1.24E-09	2.00E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	CARTGRID	1	371900	3762800	3.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-07	2.80E-08	1.36E-09	2.10E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	CARTGRID	1	372000	3762800	4.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-07	3.17E-08	1.52E-09	2.24E-09	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	CARTGRID	1	372100	3762800	4.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.07E-07	3.65E-08	1.74E-09	2.42E-09	0.00E+00	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	CARTGRID	1	372200	3762800	4.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.27E-07	3.94E-08	1.87E-09	2.52E-09	0.00E+00	0.00E+00	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
513	CARTGRID	1	372300	3762800	5.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.54E-07	4.28E-08	2.02E-09	2.66E-09	0.00E+00	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	CARTGRID	1	372400	3762800	6.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.17E-07	4.87E-08	2.30E-09	2.93E-09	0.00E+00	0.00E+00	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	CARTGRID	1	372500	3762800	6.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.68E-07	5.35E-08	2.52E-09	3.23E-09	0.00E+00	0.00E+00	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	CARTGRID	1	372600	3762800	7.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.14E-07	5.76E-08	2.75E-09	3.88E-09	0.00E+00	0.00E+00	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	CARTGRID	1	372700	3762800	7.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.61E-07	5.80E-08	2.78E-09	3.98E-09	0.00E+00	0.00E+00	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	CARTGRID	1	372800	3762800	8.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.99E-07	5.86E-08	2.83E-09	4.27E-09	0.00E+00	0.00E+00	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	CARTGRID	1	372900	3762800	8.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.66E-07	6.07E-08	2.87E-09	3.81E-09	0.00E+00	0.00E+00	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	CARTGRID	1	373000	3762800	9.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.07E-07	6.64E-08	3.13E-09	4.00E-09	0.00E+00	0.00E+00	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	CARTGRID	1	373100	3762800	8.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.77E-07	6.82E-08	3.16E-09	3.53E-09	0.00E+00	0.00E+00	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	CARTGRID	1	373200	3762800	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	7.14E-08	3.25E-09	2.96E-09	0.00E+00	0.00E+00	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	CARTGRID	1	373300	3762800	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.63E-07	7.61E-08	3.41E-09	2.53E-09	0.00E+00	0.00E+00	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	CARTGRID	1	373400	3762800	1.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	9.21E-08	4.08E-09	2.51E-09	0.00E+00	0.00E+00	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	CARTGRID	1	373500	3762800	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-06	9.69E-08	4.24E-09	2.15E-09	0.00E+00	0.00E+00	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	CARTGRID	1	373600	3762800	2.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-06	1.07E-07	4.66E-09	2.13E-09	0.00E+00	0.00E+00	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	CARTGRID	1	373700	3762800	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	1.42E-07	6.15E-09	2.34E-09	0.00E+00	0.00E+00	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	CARTGRID	1	373800	3762800	2.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	2.35E-07	1.01E-08	2.77E-09	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	CARTGRID	1	373900	3762800	3.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	4.37E-07	1.86E-08	3.64E-09	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	CARTGRID	1	374000	3762800	1.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-06	1.25E-07	5.42E-09	1.96E-09	0.00E+00	0.00E+00	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	CARTGRID	1	374100	3762800	2.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	6.59E-08	2.90E-09	1.53E-09	0.00E+00	0.00E+00	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	CARTGRID	1	374200	3762800	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	3.48E-08	1.56E-09	1.13E-09	0.00E+00	0.00E+00	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	CARTGRID	1	374300	3762800	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-06	2.51E-08	1.14E-09	9.82E-10	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	CARTGRID	1	374400	3762800	9.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.38E-07	1.62E-08	7.52E-10	8.27E-10	0.00E+00	0.00E+00	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	CARTGRID	1	374500	3762800	7.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.21E-07	1.39E-08	6.50E-10	7.77E-10	0.00E+00	0.00E+00	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	CARTGRID	1	374600	3762800	6.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.98E-07	1.22E-08	5.75E-10	7.23E-10	0.00E+00	0.00E+00	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	CARTGRID	1	374700	3762800	5.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.17E-07	1.21E-08	5.67E-10	6.90E-10	0.00E+00	0.00E+00	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	CARTGRID	1	374800	3762800	3.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.59E-07	8.94E-09	4.29E-10	6.24E-10	0.00E+00	0.00E+00	5.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	CARTGRID	1	374900	3762800	3.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-07	8.07E-09	3.90E-10	5.91E-10	0.00E+00	0.00E+00	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	CARTGRID	1	375000	3762800	2.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-07	7.76E-09	3.75E-10	5.72E-10	0.00E+00	0.00E+00	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	CARTGRID	1	371500	3762900	2.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	2.05E-08	1.01E-09	1.72E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	CARTGRID	1	371600	3762900	2.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-07	2.24E-08	1.10E-09	1.80E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	CARTGRID	1	371700	3762900	3.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-07	2.45E-08	1.19E-09	1.89E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	CARTGRID	1	371800	3762900	3.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-07	2.68E-08	1.30E-09	1.99E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	CARTGRID	1	371900	3762900	3.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-07	2.96E-08	1.42E-09	2.10E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	CARTGRID	1	372000	3762900	4.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-07	3.32E-08	1.58E-09	2.22E-09	0.00E+00	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	CARTGRID	1	372100	3762900	5.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-07	3.94E-08	1.86E-09	2.46E-09	0.00E+00	0.00E+00	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	CARTGRID	1	372200	3762900	5.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-07	4.47E-08	2.11E-09	2.69E-09	0.00E+00	0.00E+00	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	CARTGRID	1	372300	3762900	5.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.99E-07	4.81E-08	2.25E-09	2.71E-09	0.00E+00	0.00E+00	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	CARTGRID	1	372400	3762900	6.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.44E-07	5.40E-08	2.51E-09	2.91E-09	0.00E+00	0.00E+00	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	CARTGRID	1	372500	3762900	7.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.22E-07	6.42E-08	3.01E-09	3.70E-09	0.00E+00	0.00E+00	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	CARTGRID	1	372600	3762900	7.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.76E-07	6.90E-08	3.23E-09	3.91E-09	0.00E+00	0.00E+00	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	CARTGRID	1	372700	3762900	8.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.21E-07	7.13E-08	3.36E-09	4.24E-09	0.00E+00	0.00E+00	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	CARTGRID	1	372800	3762900	8.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.66E-07	7.01E-08	3.33E-09	4.46E-09	0.00E+00	0.00E+00	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	CARTGRID	1	372900	3762900	9.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.27E-07	7.20E-08	3.42E-09	4.66E-09	0.00E+00	0.00E+00	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	CARTGRID	1	373000	3762900	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.59E-07	7.84E-08	3.65E-09	4.27E-09	0.00E+00	0.00E+00	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	CARTGRID	1	373100	3762900	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.90E-07	8.50E-08	3.93E-09	4.26E-09	0.00E+00	0.00E+00	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	CARTGRID	1	373200	3762900	1.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-06	8.40E-08	3.84E-09	3.70E-09	0.00E+00	0.00E+00	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	CARTGRID	1	373300	3762900	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	9.59E-08	4.29E-09	3.08E-09	0.00E+00	0.00E+00	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	CARTGRID	1	373400	3762900	3.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.48E-06	1.18E-07	5.17E-09	2.75E-09	0.00E+00	0.00E+00	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	CARTGRID	1	373500	3762900	2.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	1.52E-07	6.60E-09	2.67E-09	0.00E+00	0.00E+00	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	CARTGRID	1	373600	3762900	4.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.59E-06	1.62E-07	7.00E-09	2.63E-09	0.00E+00	0.00E+00	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	CARTGRID	1	373700	3762900	3.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-06	1.91E-07	8.22E-09	2.76E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	CARTGRID	1	373800	3762900	3.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-06	3.37E-07	1.44E-08	3.32E-09	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	CARTGRID	1	373900	3762900	1.76E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.60E-06	7.64E-06	3.23E-07	3.88E-08	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	CARTGRID	1	374000	3762900	4.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-06	8.88E-07	3.77E-08	5.72E-09	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	CARTGRID	1	374100	3762900	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	1.78E-07	7.63E-09	1.98E-09	0.00E+00	0.00E+00	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	CARTGRID	1	374200	3762900	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	6.59E-08	2.87E-09	1.29E-09	0.00E+00	0.00E+00	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	CARTGRID	1	374300	3762900	9.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.43E-07	3.27E-08	1.46E-09	1.04E-09	0.00E+00	0.00E+00	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	CARTGRID	1	374400	3762900	6.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.93E-07	2.11E-08	9.59E-10	8.69E-10	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	CARTGRID	1	374500	3762900	6.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.00E-07	1.72E-08	7.90E-10	8.13E-10	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	CARTGRID	1	374600	3762900	5.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.03E-07	1.50E-08	6.94E-10	7.64E-10	0.00E+00	0.00E+00	9.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	CARTGRID	1	374700	3762900	5.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-07	1.65E-08	7.58E-10	7.51E-10	0.00E+00	0.00E+00	9.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	CARTGRID	1	374800	3762900	4.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.06E-07	1.24E-08	5.80E-10	6.87E-10	0.00E+00	0.00E+00	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	CARTGRID	1	374900	3762900	3.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.19E-07	1.00E-08	4.76E-10	6.39E-10	0.00E+00	0.00E+00	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	CARTGRID	1	375000	3762900	3.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-07	9.30E-09	4.43E-10	6.13E-10	0.00E+00	0.00E+00	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
577	CARTGRID	1	371500	3763000	2.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-07	2.11E-08	1.03E-09	1.70E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	CARTGRID	1	371600	3763000	3.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-07	2.32E-08	1.13E-09	1.78E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	CARTGRID	1	371700	3763000	3.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-07	2.55E-08	1.23E-09	1.87E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	CARTGRID	1	371800	3763000	3.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-07	2.82E-08	1.35E-09	1.97E-09	0.00E+00	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	CARTGRID	1	371900	3763000	3.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.38E-07	3.12E-08	1.49E-09	2.08E-09	0.00E+00	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	CARTGRID	1	372000	3763000	4.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.74E-07	3.48E-08	1.65E-09	2.20E-09	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	CARTGRID	1	372100	3763000	4.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-07	3.97E-08	1.87E-09	2.34E-09	0.00E+00	0.00E+00	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	CARTGRID	1	372200	3763000	5.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.12E-07	4.85E-08	2.28E-09	2.77E-09	0.00E+00	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	CARTGRID	1	372300	3763000	6.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.62E-07	5.60E-08	2.62E-09	3.13E-09	0.00E+00	0.00E+00	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	CARTGRID	1	372400	3763000	7.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.10E-07	6.31E-08	2.92E-09	3.17E-09	0.00E+00	0.00E+00	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	CARTGRID	1	372500	3763000	7.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.72E-07	7.30E-08	3.36E-09	3.45E-09	0.00E+00	0.00E+00	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	CARTGRID	1	372600	3763000	8.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.42E-07	8.52E-08	3.93E-09	4.12E-09	0.00E+00	0.00E+00	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	CARTGRID	1	372700	3763000	9.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.16E-07	9.18E-08	4.23E-09	4.42E-09	0.00E+00	0.00E+00	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	CARTGRID	1	372800	3763000	1.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.56E-07	8.89E-08	4.13E-09	4.73E-09	0.00E+00	0.00E+00	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	CARTGRID	1	372900	3763000	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.81E-07	8.94E-08	4.19E-09	5.07E-09	0.00E+00	0.00E+00	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	CARTGRID	1	373000	3763000	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	9.66E-08	4.51E-09	5.28E-09	0.00E+00	0.00E+00	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	CARTGRID	1	373100	3763000	1.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	9.51E-08	4.49E-09	5.73E-09	0.00E+00	0.00E+00	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	CARTGRID	1	373200	3763000	1.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	1.00E-07	4.61E-09	4.85E-09	0.00E+00	0.00E+00	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	CARTGRID	1	373300	3763000	1.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-06	1.22E-07	5.45E-09	3.95E-09	0.00E+00	0.00E+00	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	CARTGRID	1	373400	3763000	2.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-06	1.52E-07	6.68E-09	3.38E-09	0.00E+00	0.00E+00	8.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	CARTGRID	1	373500	3763000	5.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.92E-06	3.52E-07	1.51E-08	4.01E-09	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	CARTGRID	1	373600	3763000	5.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.20E-06	6.04E-07	2.57E-08	5.24E-09	0.00E+00	0.00E+00	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	CARTGRID	1	373700	3763000	4.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.80E-06	7.21E-07	3.07E-08	5.61E-09	0.00E+00	0.00E+00	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	CARTGRID	1	373800	3763000	3.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-06	4.31E-07	1.84E-08	3.89E-09	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	CARTGRID	1	373900	3763000	1.83E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.64E-06	8.07E-06	3.42E-07	4.09E-08	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	CARTGRID	1	374000	3763000	3.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-06	7.60E-07	3.23E-08	4.99E-09	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	CARTGRID	1	374100	3763000	1.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	3.36E-07	1.43E-08	2.77E-09	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	CARTGRID	1	374200	3763000	1.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	1.50E-07	6.43E-09	1.74E-09	0.00E+00	0.00E+00	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	CARTGRID	1	374300	3763000	8.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.03E-07	6.98E-08	3.03E-09	1.22E-09	0.00E+00	0.00E+00	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	CARTGRID	1	374400	3763000	6.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.55E-07	4.09E-08	1.80E-09	1.02E-09	0.00E+00	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	CARTGRID	1	374500	3763000	5.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.83E-07	2.84E-08	1.27E-09	9.19E-10	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	CARTGRID	1	374600	3763000	4.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.56E-07	2.21E-08	1.00E-09	8.47E-10	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	CARTGRID	1	374700	3763000	5.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.94E-07	2.31E-08	1.04E-09	8.29E-10	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	CARTGRID	1	374800	3763000	4.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.21E-07	1.81E-08	8.24E-10	7.68E-10	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	CARTGRID	1	374900	3763000	3.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.09E-07	1.25E-08	5.85E-10	6.97E-10	0.00E+00	0.00E+00	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	CARTGRID	1	375000	3763000	3.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-07	1.14E-08	5.37E-10	6.71E-10	0.00E+00	0.00E+00	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	CARTGRID	1	371500	3763100	2.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-07	2.15E-08	1.05E-09	1.67E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	CARTGRID	1	371600	3763100	3.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-07	2.38E-08	1.15E-09	1.76E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	CARTGRID	1	371700	3763100	3.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	2.64E-08	1.27E-09	1.85E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	CARTGRID	1	371800	3763100	3.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-07	2.94E-08	1.40E-09	1.94E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	CARTGRID	1	371900	3763100	4.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-07	3.28E-08	1.55E-09	2.05E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	CARTGRID	1	372000	3763100	4.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	3.71E-08	1.74E-09	2.17E-09	0.00E+00	0.00E+00	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	CARTGRID	1	372100	3763100	4.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-07	4.15E-08	1.94E-09	2.30E-09	0.00E+00	0.00E+00	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	CARTGRID	1	372200	3763100	5.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-07	4.76E-08	2.21E-09	2.46E-09	0.00E+00	0.00E+00	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	CARTGRID	1	372300	3763100	7.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.98E-07	6.05E-08	2.80E-09	3.08E-09	0.00E+00	0.00E+00	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	CARTGRID	1	372400	3763100	7.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.43E-07	7.26E-08	3.34E-09	3.44E-09	0.00E+00	0.00E+00	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	CARTGRID	1	372500	3763100	8.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.29E-07	8.28E-08	3.77E-09	3.47E-09	0.00E+00	0.00E+00	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	CARTGRID	1	372600	3763100	9.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.25E-07	1.02E-07	4.61E-09	3.98E-09	0.00E+00	0.00E+00	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	CARTGRID	1	372700	3763100	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.37E-07	1.20E-07	5.38E-09	4.23E-09	0.00E+00	0.00E+00	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	CARTGRID	1	372800	3763100	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-06	1.27E-07	5.75E-09	5.00E-09	0.00E+00	0.00E+00	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	CARTGRID	1	372900	3763100	1.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	1.24E-07	5.66E-09	5.44E-09	0.00E+00	0.00E+00	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	CARTGRID	1	373000	3763100	1.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-06	1.02E-07	4.98E-09	7.95E-09	0.00E+00	0.00E+00	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	CARTGRID	1	373100	3763100	1.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	1.14E-07	5.40E-09	7.33E-09	0.00E+00	0.00E+00	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	CARTGRID	1	373200	3763100	2.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-06	1.33E-07	6.09E-09	6.03E-09	0.00E+00	0.00E+00	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	CARTGRID	1	373300	3763100	4.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.91E-06	1.56E-07	6.97E-09	5.15E-09	0.00E+00	0.00E+00	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	CARTGRID	1	373400	3763100	2.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.32E-06	2.16E-07	9.41E-09	4.33E-09	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	CARTGRID	1	373500	3763100	4.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-06	6.80E-07	2.90E-08	6.53E-09	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	CARTGRID	1	373600	3763100	3.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	3.62E-07	1.56E-08	4.90E-09	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	CARTGRID	1	373700	3763100	3.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.15E-06	5.21E-07	2.23E-08	5.13E-09	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	CARTGRID	1	373800	3763100	5.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.12E-06	1.11E-06	4.72E-08	7.40E-09	0.00E+00	0.00E+00	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	CARTGRID	1	373900	3763100	1.47E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.61E-06	5.79E-06	2.45E-07	2.99E-08	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	CARTGRID	1	374000	3763100	2.99E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	6.80E-07	2.89E-08	4.65E-09	0.00E+00	0.00E+00	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	CARTGRID	1	374100	3763100	1.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.86E-07	3.59E-07	1.53E-08	2.95E-09	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	CARTGRID	1	374200	3763100	1.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-06	2.22E-07	9.47E-09	2.15E-09	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
641	CARTGRID	1	374300	3763100	8.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.72E-07	1.36E-07	5.82E-09	1.61E-09	0.00E+00	0.00E+00	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	CARTGRID	1	374400	3763100	7.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.68E-07	8.65E-08	3.74E-09	1.33E-09	0.00E+00	0.00E+00	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	CARTGRID	1	374500	3763100	6.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.37E-07	6.13E-08	2.67E-09	1.16E-09	0.00E+00	0.00E+00	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	CARTGRID	1	374600	3763100	5.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.45E-07	3.98E-08	1.75E-09	1.01E-09	0.00E+00	0.00E+00	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	CARTGRID	1	374700	3763100	5.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.60E-07	3.51E-08	1.55E-09	9.57E-10	0.00E+00	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	CARTGRID	1	374800	3763100	5.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.61E-07	3.21E-08	1.43E-09	9.73E-10	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	CARTGRID	1	374900	3763100	4.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-07	2.41E-08	1.08E-09	8.62E-10	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	CARTGRID	1	375000	3763100	3.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-07	1.51E-08	6.99E-10	7.57E-10	0.00E+00	0.00E+00	9.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	CARTGRID	1	371500	3763200	2.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-07	2.17E-08	1.05E-09	1.63E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	CARTGRID	1	371600	3763200	3.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-07	2.42E-08	1.16E-09	1.72E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	CARTGRID	1	371700	3763200	3.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-07	2.70E-08	1.29E-09	1.80E-09	0.00E+00	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	CARTGRID	1	371800	3763200	3.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.32E-07	3.03E-08	1.44E-09	1.90E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	CARTGRID	1	371900	3763200	4.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.62E-07	3.41E-08	1.60E-09	2.00E-09	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	CARTGRID	1	372000	3763200	4.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.20E-07	3.97E-08	1.85E-09	2.14E-09	0.00E+00	0.00E+00	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	CARTGRID	1	372100	3763200	5.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.83E-07	4.63E-08	2.14E-09	2.31E-09	0.00E+00	0.00E+00	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	CARTGRID	1	372200	3763200	5.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.04E-07	5.13E-08	2.36E-09	2.42E-09	0.00E+00	0.00E+00	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	CARTGRID	1	372300	3763200	6.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.53E-07	5.91E-08	2.70E-09	2.59E-09	0.00E+00	0.00E+00	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	CARTGRID	1	372400	3763200	7.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.68E-07	7.31E-08	3.32E-09	2.89E-09	0.00E+00	0.00E+00	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	CARTGRID	1	372500	3763200	9.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.00E-07	9.51E-08	4.30E-09	3.65E-09	0.00E+00	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	CARTGRID	1	372600	3763200	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.65E-07	1.25E-07	5.59E-09	4.19E-09	0.00E+00	0.00E+00	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	CARTGRID	1	372700	3763200	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	1.69E-07	7.51E-09	4.73E-09	0.00E+00	0.00E+00	9.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	CARTGRID	1	372800	3763200	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	2.22E-07	9.77E-09	5.46E-09	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	CARTGRID	1	372900	3763200	2.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-06	2.01E-07	8.95E-09	6.18E-09	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	CARTGRID	1	373000	3763200	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	1.64E-07	7.49E-09	7.33E-09	0.00E+00	0.00E+00	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	CARTGRID	1	373100	3763200	4.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.05E-06	1.44E-07	6.77E-09	8.40E-09	0.00E+00	0.00E+00	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	CARTGRID	1	373200	3763200	2.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-06	1.62E-07	7.50E-09	8.10E-09	0.00E+00	0.00E+00	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	CARTGRID	1	373300	3763200	4.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-06	1.92E-07	8.68E-09	7.09E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	CARTGRID	1	373400	3763200	4.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.96E-06	3.91E-07	1.70E-08	6.58E-09	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	CARTGRID	1	373500	3763200	5.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.89E-06	5.00E-07	2.16E-08	7.21E-09	0.00E+00	0.00E+00	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	CARTGRID	1	373600	3763200	3.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-06	5.40E-07	2.34E-08	8.58E-09	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	CARTGRID	1	373700	3763200	3.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	1.03E-06	4.39E-08	8.35E-09	0.00E+00	0.00E+00	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	CARTGRID	1	373800	3763200	2.56E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.13E-06	1.17E-05	4.96E-07	5.93E-08	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	CARTGRID	1	373900	3763200	6.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.37E-06	1.72E-06	7.29E-08	1.02E-08	0.00E+00	0.00E+00	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	CARTGRID	1	374000	3763200	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	6.18E-07	2.63E-08	4.47E-09	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	CARTGRID	1	374100	3763200	1.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	3.44E-07	1.47E-08	3.02E-09	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	CARTGRID	1	374200	3763200	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.64E-07	2.40E-07	1.03E-08	2.35E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	CARTGRID	1	374300	3763200	8.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.79E-07	1.84E-07	7.87E-09	2.02E-09	0.00E+00	0.00E+00	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	CARTGRID	1	374400	3763200	7.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.70E-07	1.40E-07	6.02E-09	1.74E-09	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	CARTGRID	1	374500	3763200	7.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.69E-07	1.12E-07	4.83E-09	1.53E-09	0.00E+00	0.00E+00	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	CARTGRID	1	374600	3763200	5.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.38E-07	6.82E-08	2.97E-09	1.27E-09	0.00E+00	0.00E+00	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	CARTGRID	1	374700	3763200	5.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.35E-07	5.47E-08	2.39E-09	1.16E-09	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	CARTGRID	1	374800	3763200	5.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-07	4.68E-08	2.06E-09	1.12E-09	0.00E+00	0.00E+00	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	CARTGRID	1	374900	3763200	4.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.26E-07	4.05E-08	1.80E-09	1.17E-09	0.00E+00	0.00E+00	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	CARTGRID	1	375000	3763200	4.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.67E-07	2.94E-08	1.32E-09	9.71E-10	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	CARTGRID	1	371500	3763300	3.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	2.18E-08	1.05E-09	1.58E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	CARTGRID	1	371600	3763300	3.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-07	2.44E-08	1.17E-09	1.66E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	CARTGRID	1	371700	3763300	3.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-07	2.74E-08	1.30E-09	1.75E-09	0.00E+00	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	CARTGRID	1	371800	3763300	3.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-07	3.10E-08	1.46E-09	1.84E-09	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	CARTGRID	1	371900	3763300	4.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-07	3.52E-08	1.64E-09	1.94E-09	0.00E+00	0.00E+00	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	CARTGRID	1	372000	3763300	4.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.15E-07	4.03E-08	1.87E-09	2.05E-09	0.00E+00	0.00E+00	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	CARTGRID	1	372100	3763300	5.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.96E-07	4.82E-08	2.21E-09	2.22E-09	0.00E+00	0.00E+00	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	CARTGRID	1	372200	3763300	6.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.78E-07	5.76E-08	2.62E-09	2.43E-09	0.00E+00	0.00E+00	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	CARTGRID	1	372300	3763300	7.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.29E-07	6.65E-08	3.01E-09	2.57E-09	0.00E+00	0.00E+00	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	CARTGRID	1	372400	3763300	8.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.01E-07	7.94E-08	3.57E-09	2.79E-09	0.00E+00	0.00E+00	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	CARTGRID	1	372500	3763300	9.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.87E-07	9.75E-08	4.35E-09	3.05E-09	0.00E+00	0.00E+00	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	CARTGRID	1	372600	3763300	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-06	1.45E-07	6.46E-09	4.21E-09	0.00E+00	0.00E+00	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	CARTGRID	1	372700	3763300	1.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-06	2.23E-07	9.78E-09	5.08E-09	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	CARTGRID	1	372800	3763300	3.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-06	4.49E-07	1.94E-08	6.65E-09	0.00E+00	0.00E+00	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	CARTGRID	1	372900	3763300	3.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.07E-06	7.69E-07	3.30E-08	9.22E-09	0.00E+00	0.00E+00	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	CARTGRID	1	373000	3763300	2.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-06	3.58E-07	1.57E-08	7.83E-09	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	CARTGRID	1	373100	3763300	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-06	2.26E-07	1.02E-08	8.46E-09	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	CARTGRID	1	373200	3763300	3.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.26E-06	2.11E-07	9.81E-09	1.10E-08	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	CARTGRID	1	373300	3763300	3.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-06	2.26E-07	1.06E-08	1.28E-08	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	CARTGRID	1	373400	3763300	6.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-06	1.61E-06	6.88E-08	1.74E-08	0.00E+00	0.00E+00	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
705	CARTGRID	1	373500	3763300	5.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.38E-06	8.94E-07	3.86E-08	1.29E-08	0.00E+00	0.00E+00	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	CARTGRID	1	373600	3763300	9.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-06	3.08E-06	1.31E-07	2.12E-08	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	CARTGRID	1	373700	3763300	7.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-06	2.47E-06	1.05E-07	1.63E-08	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	CARTGRID	1	373800	3763300	4.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-06	1.33E-06	5.66E-08	9.53E-09	0.00E+00	0.00E+00	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	CARTGRID	1	373900	3763300	4.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-06	7.93E-07	3.37E-08	6.09E-09	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	CARTGRID	1	374000	3763300	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-06	4.52E-07	1.93E-08	4.17E-09	0.00E+00	0.00E+00	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	CARTGRID	1	374100	3763300	1.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.32E-07	3.24E-07	1.38E-08	3.27E-09	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	CARTGRID	1	374200	3763300	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.58E-07	2.45E-07	1.05E-08	2.67E-09	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	CARTGRID	1	374300	3763300	8.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.52E-07	1.98E-07	8.49E-09	2.34E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	CARTGRID	1	374400	3763300	7.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.09E-07	1.62E-07	6.95E-09	2.09E-09	0.00E+00	0.00E+00	8.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	CARTGRID	1	374500	3763300	8.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.10E-07	1.66E-07	7.14E-09	2.04E-09	0.00E+00	0.00E+00	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	CARTGRID	1	374600	3763300	5.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.11E-07	9.44E-08	4.09E-09	1.60E-09	0.00E+00	0.00E+00	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	CARTGRID	1	374700	3763300	5.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.00E-07	7.53E-08	3.28E-09	1.44E-09	0.00E+00	0.00E+00	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	CARTGRID	1	374800	3763300	5.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.00E-07	6.30E-08	2.76E-09	1.33E-09	0.00E+00	0.00E+00	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	CARTGRID	1	374900	3763300	5.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.12E-07	5.61E-08	2.46E-09	1.31E-09	0.00E+00	0.00E+00	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	CARTGRID	1	375000	3763300	4.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-07	4.69E-08	2.09E-09	1.37E-09	0.00E+00	0.00E+00	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	CARTGRID	1	371500	3763400	3.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-07	2.17E-08	1.04E-09	1.52E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	CARTGRID	1	371600	3763400	3.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	2.44E-08	1.16E-09	1.60E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	CARTGRID	1	371700	3763400	3.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.19E-07	2.76E-08	1.30E-09	1.68E-09	0.00E+00	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	CARTGRID	1	371800	3763400	4.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-07	3.15E-08	1.47E-09	1.77E-09	0.00E+00	0.00E+00	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	CARTGRID	1	371900	3763400	4.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.91E-07	3.61E-08	1.68E-09	1.86E-09	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	CARTGRID	1	372000	3763400	5.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.35E-07	4.18E-08	1.92E-09	1.97E-09	0.00E+00	0.00E+00	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	CARTGRID	1	372100	3763400	5.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.91E-07	4.89E-08	2.23E-09	2.09E-09	0.00E+00	0.00E+00	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	CARTGRID	1	372200	3763400	6.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.78E-07	5.88E-08	2.66E-09	2.26E-09	0.00E+00	0.00E+00	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	CARTGRID	1	372300	3763400	8.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.20E-07	7.41E-08	3.33E-09	2.61E-09	0.00E+00	0.00E+00	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	CARTGRID	1	372400	3763400	1.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.46E-07	9.38E-08	4.21E-09	3.20E-09	0.00E+00	0.00E+00	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	CARTGRID	1	372500	3763400	1.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.45E-07	1.12E-07	4.94E-09	3.02E-09	0.00E+00	0.00E+00	6.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	CARTGRID	1	372600	3763400	1.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	1.51E-07	6.61E-09	3.43E-09	0.00E+00	0.00E+00	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	CARTGRID	1	372700	3763400	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	2.42E-07	1.05E-08	4.29E-09	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	CARTGRID	1	372800	3763400	2.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	6.12E-07	2.62E-08	6.94E-09	0.00E+00	0.00E+00	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	CARTGRID	1	372900	3763400	1.16E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.67E-06	4.37E-06	1.86E-07	2.65E-08	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	CARTGRID	1	373000	3763400	2.07E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.00E-06	8.71E-06	3.69E-07	4.82E-08	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	CARTGRID	1	373100	3763400	5.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-06	1.08E-06	4.61E-08	1.19E-08	0.00E+00	0.00E+00	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	CARTGRID	1	373200	3763400	4.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-06	4.10E-07	1.82E-08	1.21E-08	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	CARTGRID	1	373300	3763400	4.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-06	3.27E-07	1.59E-08	2.46E-08	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	CARTGRID	1	373400	3763400	5.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.43E-06	4.50E-07	2.54E-08	7.51E-08	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	CARTGRID	1	373500	3763400	7.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.34E-06	1.21E-06	5.29E-08	2.48E-08	0.00E+00	0.00E+00	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	CARTGRID	1	373600	3763400	8.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.57E-06	2.43E-06	1.04E-07	2.05E-08	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	CARTGRID	1	373700	3763400	5.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.86E-06	1.18E-06	5.05E-08	1.18E-08	0.00E+00	0.00E+00	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	CARTGRID	1	373800	3763400	3.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	7.92E-07	3.39E-08	8.57E-09	0.00E+00	0.00E+00	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	CARTGRID	1	373900	3763400	2.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-06	4.65E-07	2.00E-08	5.83E-09	0.00E+00	0.00E+00	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	CARTGRID	1	374000	3763400	1.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-06	3.22E-07	1.39E-08	4.60E-09	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	CARTGRID	1	374100	3763400	1.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.58E-07	2.76E-07	1.19E-08	3.82E-09	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	CARTGRID	1	374200	3763400	1.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.27E-07	2.36E-07	1.02E-08	3.25E-09	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	CARTGRID	1	374300	3763400	8.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.48E-07	2.02E-07	8.72E-09	2.88E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	CARTGRID	1	374400	3763400	8.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.20E-07	1.77E-07	7.63E-09	2.61E-09	0.00E+00	0.00E+00	9.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	CARTGRID	1	374500	3763400	9.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.42E-07	2.01E-07	8.64E-09	2.65E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	CARTGRID	1	374600	3763400	6.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.44E-07	1.24E-07	5.36E-09	2.05E-09	0.00E+00	0.00E+00	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	CARTGRID	1	374700	3763400	5.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.88E-07	9.57E-08	4.17E-09	1.80E-09	0.00E+00	0.00E+00	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	CARTGRID	1	374800	3763400	5.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.85E-07	8.20E-08	3.58E-09	1.65E-09	0.00E+00	0.00E+00	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	CARTGRID	1	374900	3763400	4.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.71E-07	6.82E-08	2.99E-09	1.51E-09	0.00E+00	0.00E+00	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	CARTGRID	1	375000	3763400	4.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-07	5.81E-08	2.56E-09	1.42E-09	0.00E+00	0.00E+00	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	CARTGRID	1	371500	3763500	3.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-07	2.15E-08	1.03E-09	1.45E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	CARTGRID	1	371600	3763500	3.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-07	2.43E-08	1.15E-09	1.52E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	CARTGRID	1	371700	3763500	3.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-07	2.76E-08	1.29E-09	1.59E-09	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	CARTGRID	1	371800	3763500	4.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-07	3.17E-08	1.47E-09	1.67E-09	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	CARTGRID	1	371900	3763500	4.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.06E-07	3.66E-08	1.69E-09	1.76E-09	0.00E+00	0.00E+00	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	CARTGRID	1	372000	3763500	5.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.56E-07	4.27E-08	1.95E-09	1.86E-09	0.00E+00	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	CARTGRID	1	372100	3763500	5.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.15E-07	5.04E-08	2.28E-09	1.97E-09	0.00E+00	0.00E+00	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	CARTGRID	1	372200	3763500	6.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.93E-07	6.05E-08	2.72E-09	2.11E-09	0.00E+00	0.00E+00	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	CARTGRID	1	372300	3763500	8.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.12E-07	7.39E-08	3.29E-09	2.29E-09	0.00E+00	0.00E+00	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	CARTGRID	1	372400	3763500	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	9.89E-08	4.39E-09	2.88E-09	0.00E+00	0.00E+00	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	CARTGRID	1	372500	3763500	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.25E-07	5.48E-09	2.99E-09	0.00E+00	0.00E+00	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	CARTGRID	1	372600	3763500	1.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	1.76E-07	7.71E-09	3.72E-09	0.00E+00	0.00E+00	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
769	CARTGRID	1	372700	3763500	2.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	2.70E-07	1.17E-08	4.23E-09	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	CARTGRID	1	372800	3763500	3.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-06	6.48E-07	2.77E-08	6.53E-09	0.00E+00	0.00E+00	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	CARTGRID	1	372900	3763500	9.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.87E-06	3.11E-06	1.32E-07	1.93E-08	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	CARTGRID	1	373000	3763500	5.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-06	1.20E-06	5.13E-08	1.03E-08	0.00E+00	0.00E+00	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	CARTGRID	1	373100	3763500	2.21E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.61E-06	9.20E-06	3.90E-07	5.03E-08	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	CARTGRID	1	373200	3763500	7.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.45E-06	1.46E-06	6.26E-08	1.51E-08	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	CARTGRID	1	373300	3763500	9.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.66E-06	7.55E-07	3.35E-08	2.08E-08	0.00E+00	0.00E+00	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	CARTGRID	1	373400	3763500	9.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.29E-06	7.47E-07	3.46E-08	3.84E-08	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	CARTGRID	1	373500	3763500	1.99E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.58E-06	6.78E-06	3.06E-07	2.51E-07	0.00E+00	0.00E+00	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	CARTGRID	1	373600	3763500	5.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.87E-06	1.12E-06	5.21E-08	6.04E-08	0.00E+00	0.00E+00	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	CARTGRID	1	373700	3763500	4.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.38E-06	8.22E-07	3.70E-08	2.95E-08	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	CARTGRID	1	373800	3763500	4.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-06	6.03E-07	2.66E-08	1.60E-08	0.00E+00	0.00E+00	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	CARTGRID	1	373900	3763500	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	3.92E-07	1.73E-08	9.90E-09	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	CARTGRID	1	374000	3763500	1.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	2.74E-07	1.21E-08	7.15E-09	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	CARTGRID	1	374100	3763500	1.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.06E-07	2.33E-07	1.02E-08	5.37E-09	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	CARTGRID	1	374200	3763500	9.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.42E-07	2.14E-07	9.34E-09	4.49E-09	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	CARTGRID	1	374300	3763500	9.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.07E-07	2.06E-07	8.98E-09	3.99E-09	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	CARTGRID	1	374400	3763500	9.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.94E-07	1.99E-07	8.63E-09	3.51E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	CARTGRID	1	374500	3763500	9.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.02E-07	1.97E-07	8.54E-09	3.20E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	CARTGRID	1	374600	3763500	8.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.77E-07	1.78E-07	7.73E-09	2.97E-09	0.00E+00	0.00E+00	9.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	CARTGRID	1	374700	3763500	5.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.84E-07	1.11E-07	4.83E-09	2.29E-09	0.00E+00	0.00E+00	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	CARTGRID	1	374800	3763500	5.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.61E-07	9.38E-08	4.11E-09	2.05E-09	0.00E+00	0.00E+00	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	CARTGRID	1	374900	3763500	4.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-07	8.20E-08	3.60E-09	1.86E-09	0.00E+00	0.00E+00	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	CARTGRID	1	375000	3763500	4.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-07	7.59E-08	3.33E-09	1.77E-09	0.00E+00	0.00E+00	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	CARTGRID	1	371500	3763600	3.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-07	2.11E-08	1.01E-09	1.38E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	CARTGRID	1	371600	3763600	3.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-07	2.39E-08	1.13E-09	1.44E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	CARTGRID	1	371700	3763600	3.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-07	2.73E-08	1.27E-09	1.50E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	CARTGRID	1	371800	3763600	4.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-07	3.15E-08	1.46E-09	1.57E-09	0.00E+00	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	CARTGRID	1	371900	3763600	4.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.22E-07	3.68E-08	1.69E-09	1.65E-09	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	CARTGRID	1	372000	3763600	5.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.83E-07	4.35E-08	1.97E-09	1.74E-09	0.00E+00	0.00E+00	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	CARTGRID	1	372100	3763600	6.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.54E-07	5.19E-08	2.33E-09	1.84E-09	0.00E+00	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	CARTGRID	1	372200	3763600	7.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.61E-07	6.41E-08	2.86E-09	1.99E-09	0.00E+00	0.00E+00	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	CARTGRID	1	372300	3763600	9.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.82E-07	7.97E-08	3.53E-09	2.17E-09	0.00E+00	0.00E+00	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	CARTGRID	1	372400	3763600	1.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	1.08E-07	4.75E-09	2.79E-09	0.00E+00	0.00E+00	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	CARTGRID	1	372500	3763600	1.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-06	1.38E-07	6.03E-09	2.99E-09	0.00E+00	0.00E+00	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	CARTGRID	1	372600	3763600	1.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	2.00E-07	8.67E-09	3.49E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	CARTGRID	1	372700	3763600	2.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-06	3.50E-07	1.50E-08	4.29E-09	0.00E+00	0.00E+00	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	CARTGRID	1	372800	3763600	4.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.59E-06	1.44E-06	6.12E-08	9.95E-09	0.00E+00	0.00E+00	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	CARTGRID	1	372900	3763600	5.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-06	1.99E-06	8.47E-08	1.29E-08	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	CARTGRID	1	373000	3763600	5.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.06E-06	8.87E-07	3.78E-08	7.74E-09	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	CARTGRID	1	373100	3763600	5.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-06	1.11E-06	4.74E-08	9.19E-09	0.00E+00	0.00E+00	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	CARTGRID	1	373200	3763600	2.84E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.13E-06	1.22E-05	5.17E-07	6.45E-08	0.00E+00	0.00E+00	6.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	CARTGRID	1	373300	3763600	1.08E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.54E-06	2.71E-06	1.16E-07	2.06E-08	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	CARTGRID	1	373400	3763600	2.46E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-05	8.16E-06	3.46E-07	4.85E-08	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	CARTGRID	1	373500	3763600	9.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.83E-06	2.22E-06	9.59E-08	3.37E-08	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	CARTGRID	1	373600	3763600	5.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.03E-06	9.14E-07	4.28E-08	5.12E-08	0.00E+00	0.00E+00	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	CARTGRID	1	373700	3763600	4.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	6.99E-07	3.32E-08	4.52E-08	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	CARTGRID	1	373800	3763600	3.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-06	5.34E-07	2.50E-08	2.95E-08	0.00E+00	0.00E+00	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	CARTGRID	1	373900	3763600	3.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-06	3.83E-07	1.77E-08	1.90E-08	0.00E+00	0.00E+00	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	CARTGRID	1	374000	3763600	1.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.74E-07	2.44E-07	1.13E-08	1.28E-08	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	CARTGRID	1	374100	3763600	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.24E-07	2.05E-07	9.34E-09	8.53E-09	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	CARTGRID	1	374200	3763600	9.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-07	1.93E-07	8.70E-09	6.92E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	CARTGRID	1	374300	3763600	9.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.44E-07	1.98E-07	8.79E-09	5.80E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	CARTGRID	1	374400	3763600	1.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.75E-07	2.17E-07	9.52E-09	4.97E-09	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	CARTGRID	1	374500	3763600	9.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.56E-07	2.12E-07	9.26E-09	4.48E-09	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	CARTGRID	1	374600	3763600	9.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-07	1.91E-07	8.35E-09	4.13E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	CARTGRID	1	374700	3763600	6.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.06E-07	1.24E-07	5.46E-09	3.00E-09	0.00E+00	0.00E+00	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	CARTGRID	1	374800	3763600	5.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	1.07E-07	4.71E-09	2.63E-09	0.00E+00	0.00E+00	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	CARTGRID	1	374900	3763600	5.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.62E-07	9.70E-08	4.27E-09	2.37E-09	0.00E+00	0.00E+00	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	CARTGRID	1	375000	3763600	5.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	9.06E-08	3.99E-09	2.20E-09	0.00E+00	0.00E+00	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	CARTGRID	1	371500	3763700	2.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	2.06E-08	9.75E-10	1.30E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	CARTGRID	1	371600	3763700	3.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-07	2.33E-08	1.09E-09	1.35E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	CARTGRID	1	371700	3763700	3.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.34E-07	2.68E-08	1.24E-09	1.41E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	CARTGRID	1	371800	3763700	4.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.79E-07	3.10E-08	1.43E-09	1.47E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
833	CARTGRID	1	371900	3763700	4.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.38E-07	3.66E-08	1.67E-09	1.54E-09	0.00E+00	0.00E+00	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	CARTGRID	1	372000	3763700	5.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.12E-07	4.37E-08	1.97E-09	1.62E-09	0.00E+00	0.00E+00	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	CARTGRID	1	372100	3763700	6.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.09E-07	5.28E-08	2.36E-09	1.71E-09	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	CARTGRID	1	372200	3763700	8.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.52E-07	6.52E-08	2.89E-09	1.83E-09	0.00E+00	0.00E+00	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	CARTGRID	1	372300	3763700	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.89E-07	8.23E-08	3.62E-09	1.99E-09	0.00E+00	0.00E+00	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	CARTGRID	1	372400	3763700	1.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	1.17E-07	5.12E-09	2.54E-09	0.00E+00	0.00E+00	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	CARTGRID	1	372500	3763700	2.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-06	1.58E-07	6.88E-09	2.80E-09	0.00E+00	0.00E+00	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	CARTGRID	1	372600	3763700	2.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-06	2.31E-07	9.98E-09	3.33E-09	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	CARTGRID	1	372700	3763700	2.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	5.31E-07	2.27E-08	4.80E-09	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	CARTGRID	1	372800	3763700	1.32E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.14E-06	5.14E-06	2.18E-07	2.76E-08	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	CARTGRID	1	372900	3763700	4.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	1.14E-06	4.84E-08	8.05E-09	0.00E+00	0.00E+00	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	CARTGRID	1	373000	3763700	3.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	6.57E-07	2.80E-08	5.84E-09	0.00E+00	0.00E+00	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	CARTGRID	1	373100	3763700	4.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-06	5.47E-07	2.34E-08	5.38E-09	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	CARTGRID	1	373200	3763700	4.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.08E-06	7.51E-07	3.21E-08	6.96E-09	0.00E+00	0.00E+00	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	CARTGRID	1	373300	3763700	8.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.16E-06	1.63E-06	6.92E-08	1.17E-08	0.00E+00	0.00E+00	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	CARTGRID	1	373400	3763700	7.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.68E-06	1.91E-06	8.12E-08	1.36E-08	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	CARTGRID	1	373500	3763700	5.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-06	1.25E-06	5.35E-08	1.18E-08	0.00E+00	0.00E+00	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	CARTGRID	1	373600	3763700	3.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	8.95E-07	3.92E-08	1.93E-08	0.00E+00	0.00E+00	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	CARTGRID	1	373700	3763700	3.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-06	6.83E-07	3.11E-08	2.88E-08	0.00E+00	0.00E+00	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	CARTGRID	1	373800	3763700	2.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	5.23E-07	2.45E-08	3.02E-08	0.00E+00	0.00E+00	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	CARTGRID	1	373900	3763700	1.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	2.93E-07	1.46E-08	2.61E-08	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	CARTGRID	1	374000	3763700	1.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.60E-07	2.39E-07	1.17E-08	1.91E-08	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	CARTGRID	1	374100	3763700	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.12E-07	2.04E-07	9.75E-09	1.38E-08	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	CARTGRID	1	374200	3763700	8.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.92E-07	1.77E-07	8.27E-09	9.96E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	CARTGRID	1	374300	3763700	8.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.48E-07	1.66E-07	7.65E-09	8.03E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	CARTGRID	1	374400	3763700	8.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.78E-07	1.74E-07	7.87E-09	6.68E-09	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	CARTGRID	1	374500	3763700	9.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.43E-07	1.99E-07	8.85E-09	5.77E-09	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	CARTGRID	1	374600	3763700	9.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.23E-07	1.87E-07	8.28E-09	4.91E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	CARTGRID	1	374700	3763700	6.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.51E-07	1.39E-07	6.17E-09	4.00E-09	0.00E+00	0.00E+00	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	CARTGRID	1	374800	3763700	5.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-07	1.19E-07	5.28E-09	3.44E-09	0.00E+00	0.00E+00	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	CARTGRID	1	374900	3763700	5.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.75E-07	1.08E-07	4.81E-09	3.04E-09	0.00E+00	0.00E+00	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	CARTGRID	1	375000	3763700	5.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.71E-07	1.01E-07	4.47E-09	2.75E-09	0.00E+00	0.00E+00	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	CARTGRID	1	371500	3763800	2.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	1.99E-08	9.41E-10	1.22E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	CARTGRID	1	371600	3763800	3.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-07	2.26E-08	1.06E-09	1.26E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	CARTGRID	1	371700	3763800	3.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.32E-07	2.60E-08	1.20E-09	1.31E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	CARTGRID	1	371800	3763800	4.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.84E-07	3.03E-08	1.39E-09	1.37E-09	0.00E+00	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	CARTGRID	1	371900	3763800	5.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.50E-07	3.59E-08	1.63E-09	1.43E-09	0.00E+00	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	CARTGRID	1	372000	3763800	6.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.42E-07	4.32E-08	1.94E-09	1.50E-09	0.00E+00	0.00E+00	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	CARTGRID	1	372100	3763800	7.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.80E-07	5.32E-08	2.37E-09	1.59E-09	0.00E+00	0.00E+00	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	CARTGRID	1	372200	3763800	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.36E-07	6.67E-08	2.94E-09	1.70E-09	0.00E+00	0.00E+00	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	CARTGRID	1	372300	3763800	2.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	8.86E-08	3.88E-09	1.91E-09	0.00E+00	0.00E+00	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	CARTGRID	1	372400	3763800	1.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	1.24E-07	5.42E-09	2.42E-09	0.00E+00	0.00E+00	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	CARTGRID	1	372500	3763800	1.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-06	1.89E-07	8.14E-09	2.67E-09	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	CARTGRID	1	372600	3763800	2.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	3.39E-07	1.45E-08	3.50E-09	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	CARTGRID	1	372700	3763800	5.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-06	1.23E-06	5.22E-08	7.95E-09	0.00E+00	0.00E+00	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	CARTGRID	1	372800	3763800	7.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.28E-06	2.19E-06	9.29E-08	1.27E-08	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	CARTGRID	1	372900	3763800	4.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.66E-06	7.84E-07	3.34E-08	5.97E-09	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	CARTGRID	1	373000	3763800	5.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.81E-06	5.19E-07	2.21E-08	4.66E-09	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	CARTGRID	1	373100	3763800	4.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.60E-06	4.06E-07	1.74E-08	4.07E-09	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	CARTGRID	1	373200	3763800	3.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-06	4.12E-07	1.76E-08	4.31E-09	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	CARTGRID	1	373300	3763800	4.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-06	5.03E-07	2.15E-08	4.97E-09	0.00E+00	0.00E+00	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	CARTGRID	1	373400	3763800	3.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-06	6.86E-07	2.93E-08	5.93E-09	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	CARTGRID	1	373500	3763800	3.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	7.15E-07	3.05E-08	6.45E-09	0.00E+00	0.00E+00	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	CARTGRID	1	373600	3763800	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-06	7.14E-07	3.07E-08	9.26E-09	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	CARTGRID	1	373700	3763800	2.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-06	6.56E-07	2.88E-08	1.53E-08	0.00E+00	0.00E+00	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	CARTGRID	1	373800	3763800	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-06	4.47E-07	2.06E-08	2.10E-08	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	CARTGRID	1	373900	3763800	1.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.56E-07	3.02E-07	1.46E-08	2.22E-08	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	CARTGRID	1	374000	3763800	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.14E-07	2.61E-07	1.27E-08	2.01E-08	0.00E+00	0.00E+00	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	CARTGRID	1	374100	3763800	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.95E-07	2.38E-07	1.14E-08	1.64E-08	0.00E+00	0.00E+00	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	CARTGRID	1	374200	3763800	8.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.77E-07	1.75E-07	8.43E-09	1.27E-08	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	CARTGRID	1	374300	3763800	8.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-07	1.60E-07	7.60E-09	1.04E-08	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	CARTGRID	1	374400	3763800	7.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.92E-07	1.49E-07	6.98E-09	8.50E-09	0.00E+00	0.00E+00	9.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	CARTGRID	1	374500	3763800	7.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.98E-07	1.50E-07	6.89E-09	7.14E-09	0.00E+00	0.00E+00	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	CARTGRID	1	374600	3763800	9.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.23E-07	1.84E-07	8.24E-09	6.09E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
897	CARTGRID	1	374700	3763800	8.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.68E-07	1.69E-07	7.56E-09	5.59E-09	0.00E+00	0.00E+00	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	CARTGRID	1	374800	3763800	6.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.33E-07	1.31E-07	5.88E-09	4.43E-09	0.00E+00	0.00E+00	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	CARTGRID	1	374900	3763800	5.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-07	1.11E-07	4.97E-09	3.79E-09	0.00E+00	0.00E+00	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	CARTGRID	1	375000	3763800	5.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-07	1.03E-07	4.60E-09	3.36E-09	0.00E+00	0.00E+00	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	CARTGRID	1	371500	3763900	2.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-07	1.93E-08	9.07E-10	1.14E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
902	CARTGRID	1	371600	3763900	3.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.85E-07	2.18E-08	1.02E-09	1.18E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	CARTGRID	1	371700	3763900	3.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-07	2.50E-08	1.16E-09	1.22E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	CARTGRID	1	371800	3763900	4.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.86E-07	2.92E-08	1.33E-09	1.27E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	CARTGRID	1	371900	3763900	5.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.63E-07	3.47E-08	1.57E-09	1.33E-09	0.00E+00	0.00E+00	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	CARTGRID	1	372000	3763900	6.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.67E-07	4.23E-08	1.89E-09	1.39E-09	0.00E+00	0.00E+00	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	CARTGRID	1	372100	3763900	8.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.59E-07	5.36E-08	2.38E-09	1.48E-09	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	CARTGRID	1	372200	3763900	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-06	6.83E-08	3.00E-09	1.59E-09	0.00E+00	0.00E+00	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	CARTGRID	1	372300	3763900	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-06	8.91E-08	3.88E-09	1.72E-09	0.00E+00	0.00E+00	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	CARTGRID	1	372400	3763900	1.99E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-06	1.29E-07	5.60E-09	2.10E-09	0.00E+00	0.00E+00	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	CARTGRID	1	372500	3763900	2.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-06	1.95E-07	8.37E-09	2.49E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	CARTGRID	1	372600	3763900	2.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-06	3.97E-07	1.69E-08	3.60E-09	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	CARTGRID	1	372700	3763900	1.42E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-06	5.69E-06	2.41E-07	2.94E-08	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	CARTGRID	1	372800	3763900	5.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.14E-06	1.21E-06	5.13E-08	7.58E-09	0.00E+00	0.00E+00	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	CARTGRID	1	372900	3763900	3.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-06	5.79E-07	2.46E-08	4.51E-09	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	CARTGRID	1	373000	3763900	3.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-06	4.24E-07	1.81E-08	3.78E-09	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	CARTGRID	1	373100	3763900	5.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.80E-06	3.38E-07	1.44E-08	3.34E-09	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	CARTGRID	1	373200	3763900	2.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-06	3.25E-07	1.39E-08	3.39E-09	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	CARTGRID	1	373300	3763900	4.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-06	3.32E-07	1.42E-08	3.57E-09	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	CARTGRID	1	373400	3763900	2.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-06	3.41E-07	1.46E-08	3.57E-09	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	CARTGRID	1	373500	3763900	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	3.94E-07	1.69E-08	4.11E-09	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	CARTGRID	1	373600	3763900	2.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-06	4.75E-07	2.04E-08	5.65E-09	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	CARTGRID	1	373700	3763900	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	5.22E-07	2.26E-08	8.96E-09	0.00E+00	0.00E+00	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	CARTGRID	1	373800	3763900	1.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.76E-07	3.80E-07	1.70E-08	1.26E-08	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	CARTGRID	1	373900	3763900	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.53E-07	3.09E-07	1.43E-08	1.51E-08	0.00E+00	0.00E+00	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	CARTGRID	1	374000	3763900	1.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.48E-07	3.08E-07	1.43E-08	1.61E-08	0.00E+00	0.00E+00	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	CARTGRID	1	374100	3763900	1.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.82E-07	2.64E-07	1.24E-08	1.53E-08	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	CARTGRID	1	374200	3763900	8.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.51E-07	1.83E-07	8.82E-09	1.33E-08	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	CARTGRID	1	374300	3763900	8.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.70E-07	1.78E-07	8.51E-09	1.20E-08	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	CARTGRID	1	374400	3763900	9.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.37E-07	1.92E-07	8.90E-09	1.00E-08	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	CARTGRID	1	374500	3763900	8.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.79E-07	1.74E-07	8.02E-09	8.52E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	CARTGRID	1	374600	3763900	9.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.11E-07	1.79E-07	8.12E-09	6.94E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	CARTGRID	1	374700	3763900	8.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.61E-07	1.66E-07	7.54E-09	6.59E-09	0.00E+00	0.00E+00	9.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	CARTGRID	1	374800	3763900	6.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.08E-07	1.23E-07	5.63E-09	5.34E-09	0.00E+00	0.00E+00	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	CARTGRID	1	374900	3763900	5.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.97E-07	1.19E-07	5.39E-09	4.68E-09	0.00E+00	0.00E+00	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	CARTGRID	1	375000	3763900	6.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.11E-07	1.21E-07	5.44E-09	4.24E-09	0.00E+00	0.00E+00	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	CARTGRID	1	371500	3764000	2.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-07	1.85E-08	8.69E-10	1.07E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	CARTGRID	1	371600	3764000	3.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	2.09E-08	9.73E-10	1.10E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	CARTGRID	1	371700	3764000	3.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-07	2.39E-08	1.10E-09	1.14E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	CARTGRID	1	371800	3764000	4.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.85E-07	2.79E-08	1.27E-09	1.19E-09	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	CARTGRID	1	371900	3764000	5.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.84E-07	3.32E-08	1.50E-09	1.24E-09	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	CARTGRID	1	372000	3764000	6.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.18E-07	4.08E-08	1.82E-09	1.30E-09	0.00E+00	0.00E+00	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	CARTGRID	1	372100	3764000	9.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.94E-07	5.34E-08	2.36E-09	1.39E-09	0.00E+00	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	CARTGRID	1	372200	3764000	1.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	7.18E-08	3.14E-09	1.54E-09	0.00E+00	0.00E+00	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	CARTGRID	1	372300	3764000	1.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	9.82E-08	4.27E-09	1.75E-09	0.00E+00	0.00E+00	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	CARTGRID	1	372400	3764000	2.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	1.38E-07	5.95E-09	1.97E-09	0.00E+00	0.00E+00	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	CARTGRID	1	372500	3764000	2.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-06	2.34E-07	1.00E-08	2.55E-09	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	CARTGRID	1	372600	3764000	3.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-06	6.26E-07	2.66E-08	4.46E-09	0.00E+00	0.00E+00	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	CARTGRID	1	372700	3764000	9.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-06	3.55E-06	1.50E-07	1.87E-08	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	CARTGRID	1	372800	3764000	4.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-06	8.21E-07	3.49E-08	5.52E-09	0.00E+00	0.00E+00	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	CARTGRID	1	372900	3764000	4.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.77E-06	5.07E-07	2.16E-08	4.05E-09	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	CARTGRID	1	373000	3764000	2.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-06	3.59E-07	1.53E-08	3.16E-09	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	CARTGRID	1	373100	3764000	2.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-06	2.95E-07	1.26E-08	2.85E-09	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	CARTGRID	1	373200	3764000	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-06	2.74E-07	1.17E-08	2.81E-09	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955	CARTGRID	1	373300	3764000	2.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	2.53E-07	1.08E-08	2.73E-09	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	CARTGRID	1	373400	3764000	1.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-06	2.44E-07	1.05E-08	2.75E-09	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	CARTGRID	1	373500	3764000	1.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-06	2.60E-07	1.12E-08	3.05E-09	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	CARTGRID	1	373600	3764000	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	3.04E-07	1.31E-08	3.84E-09	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	CARTGRID	1	373700	3764000	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	3.59E-07	1.55E-08	5.59E-09	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	CARTGRID	1	373800	3764000	1.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.59E-07	3.08E-07	1.36E-08	7.60E-09	0.00E+00	0.00E+00	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
961	CARTGRID	1	373900	3764000	1.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.49E-07	2.74E-07	1.23E-08	9.75E-09	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	CARTGRID	1	374000	3764000	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.70E-07	3.00E-07	1.36E-08	1.16E-08	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	CARTGRID	1	374100	3764000	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.24E-07	2.69E-07	1.24E-08	1.24E-08	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	CARTGRID	1	374200	3764000	8.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.25E-07	1.94E-07	9.19E-09	1.20E-08	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	CARTGRID	1	374300	3764000	8.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.25E-07	1.82E-07	8.62E-09	1.16E-08	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	CARTGRID	1	374400	3764000	1.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.68E-07	2.11E-07	9.72E-09	1.03E-08	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	CARTGRID	1	374500	3764000	9.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.43E-07	1.96E-07	8.93E-09	8.48E-09	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	CARTGRID	1	374600	3764000	8.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-07	1.71E-07	7.79E-09	7.16E-09	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	CARTGRID	1	374700	3764000	8.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.56E-07	1.67E-07	7.62E-09	7.32E-09	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	CARTGRID	1	374800	3764000	6.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	1.29E-07	5.94E-09	6.21E-09	0.00E+00	0.00E+00	7.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	CARTGRID	1	374900	3764000	6.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.21E-07	1.27E-07	5.81E-09	5.49E-09	0.00E+00	0.00E+00	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	CARTGRID	1	375000	3764000	6.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.05E-07	1.21E-07	5.50E-09	4.89E-09	0.00E+00	0.00E+00	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	CARTGRID	1	371500	3764100	2.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-07	1.75E-08	8.22E-10	1.00E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	CARTGRID	1	371600	3764100	2.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-07	1.98E-08	9.21E-10	1.04E-09	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	CARTGRID	1	371700	3764100	3.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-07	2.26E-08	1.04E-09	1.07E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	CARTGRID	1	371800	3764100	4.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-07	2.63E-08	1.20E-09	1.11E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	CARTGRID	1	371900	3764100	5.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.71E-07	3.14E-08	1.42E-09	1.15E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	CARTGRID	1	372000	3764100	7.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.41E-07	3.88E-08	1.73E-09	1.21E-09	0.00E+00	0.00E+00	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	CARTGRID	1	372100	3764100	9.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.69E-07	5.15E-08	2.27E-09	1.31E-09	0.00E+00	0.00E+00	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	CARTGRID	1	372200	3764100	1.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	7.04E-08	3.08E-09	1.42E-09	0.00E+00	0.00E+00	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	CARTGRID	1	372300	3764100	1.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-06	1.00E-07	4.33E-09	1.58E-09	0.00E+00	0.00E+00	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	CARTGRID	1	372400	3764100	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-06	1.51E-07	6.49E-09	1.91E-09	0.00E+00	0.00E+00	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	CARTGRID	1	372500	3764100	2.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-06	2.63E-07	1.13E-08	2.52E-09	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	CARTGRID	1	372600	3764100	5.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-06	1.74E-06	7.39E-08	9.75E-09	0.00E+00	0.00E+00	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	CARTGRID	1	372700	3764100	5.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.07E-06	1.29E-06	5.47E-08	7.60E-09	0.00E+00	0.00E+00	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	CARTGRID	1	372800	3764100	4.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.26E-06	6.61E-07	2.81E-08	4.52E-09	0.00E+00	0.00E+00	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	CARTGRID	1	372900	3764100	3.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-06	4.38E-07	1.86E-08	3.38E-09	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	CARTGRID	1	373000	3764100	2.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-06	3.34E-07	1.43E-08	2.87E-09	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	CARTGRID	1	373100	3764100	2.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	2.66E-07	1.14E-08	2.49E-09	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	CARTGRID	1	373200	3764100	1.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-06	2.40E-07	1.03E-08	2.40E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	CARTGRID	1	373300	3764100	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	2.25E-07	9.62E-09	2.39E-09	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	CARTGRID	1	373400	3764100	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.00E-06	2.07E-07	8.87E-09	2.35E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	CARTGRID	1	373500	3764100	1.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.26E-07	2.07E-07	8.90E-09	2.52E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	CARTGRID	1	373600	3764100	1.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.37E-07	2.33E-07	1.00E-08	3.07E-09	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	CARTGRID	1	373700	3764100	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.12E-07	2.29E-07	9.92E-09	3.83E-09	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	CARTGRID	1	373800	3764100	8.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.41E-07	1.98E-07	8.70E-09	4.88E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	CARTGRID	1	373900	3764100	9.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.58E-07	2.18E-07	9.70E-09	6.51E-09	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	CARTGRID	1	374000	3764100	9.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.56E-07	2.23E-07	1.01E-08	8.12E-09	0.00E+00	0.00E+00	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	CARTGRID	1	374100	3764100	9.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-07	2.35E-07	1.07E-08	9.46E-09	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	CARTGRID	1	374200	3764100	8.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.85E-07	1.91E-07	8.86E-09	9.76E-09	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	CARTGRID	1	374300	3764100	8.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.98E-07	1.86E-07	8.68E-09	1.02E-08	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	CARTGRID	1	374400	3764100	8.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.63E-07	1.95E-07	9.00E-09	9.78E-09	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	CARTGRID	1	374500	3764100	9.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-07	1.96E-07	8.99E-09	9.09E-09	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	CARTGRID	1	374600	3764100	8.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.77E-07	1.80E-07	8.25E-09	7.88E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	CARTGRID	1	374700	3764100	7.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.23E-07	1.60E-07	7.28E-09	6.75E-09	0.00E+00	0.00E+00	9.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	CARTGRID	1	374800	3764100	7.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.85E-07	1.50E-07	6.87E-09	6.84E-09	0.00E+00	0.00E+00	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	CARTGRID	1	374900	3764100	6.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.53E-07	1.38E-07	6.33E-09	6.15E-09	0.00E+00	0.00E+00	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1008	CARTGRID	1	375000	3764100	6.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.40E-07	1.31E-07	6.00E-09	5.72E-09	0.00E+00	0.00E+00	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	CARTGRID	1	371500	3764200	2.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-07	1.64E-08	7.71E-10	9.44E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	CARTGRID	1	371600	3764200	2.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.46E-07	1.85E-08	8.59E-10	9.72E-10	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	CARTGRID	1	371700	3764200	3.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-07	2.10E-08	9.68E-10	1.00E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	CARTGRID	1	371800	3764200	4.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-07	2.44E-08	1.11E-09	1.04E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	CARTGRID	1	371900	3764200	5.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.90E-07	2.90E-08	1.31E-09	1.08E-09	0.00E+00	0.00E+00	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	CARTGRID	1	372000	3764200	8.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.26E-07	3.58E-08	1.60E-09	1.12E-09	0.00E+00	0.00E+00	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	CARTGRID	1	372100	3764200	8.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.07E-07	4.68E-08	2.07E-09	1.19E-09	0.00E+00	0.00E+00	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	CARTGRID	1	372200	3764200	2.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	6.73E-08	2.94E-09	1.32E-09	0.00E+00	0.00E+00	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	CARTGRID	1	372300	3764200	2.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	1.10E-07	4.76E-09	1.60E-09	0.00E+00	0.00E+00	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	CARTGRID	1	372400	3764200	2.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-06	2.04E-07	8.73E-09	2.16E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	CARTGRID	1	372500	3764200	3.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	3.57E-07	1.52E-08	2.96E-09	0.00E+00	0.00E+00	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	CARTGRID	1	372600	3764200	4.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	1.21E-06	5.12E-08	7.00E-09	0.00E+00	0.00E+00	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	CARTGRID	1	372700	3764200	4.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	1.43E-06	6.07E-08	8.11E-09	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	CARTGRID	1	372800	3764200	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-06	5.81E-07	2.47E-08	3.97E-09	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	CARTGRID	1	372900	3764200	2.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-06	3.89E-07	1.66E-08	2.96E-09	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	CARTGRID	1	373000	3764200	1.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-06	3.03E-07	1.29E-08	2.52E-09	0.00E+00	0.00E+00	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1025	CARTGRID	1	373100	3764200	2.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-06	2.53E-07	1.08E-08	2.28E-09	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	CARTGRID	1	373200	3764200	1.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	2.19E-07	9.34E-09	2.13E-09	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	CARTGRID	1	373300	3764200	1.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.42E-07	2.02E-07	8.63E-09	2.09E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	CARTGRID	1	373400	3764200	1.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.17E-07	1.83E-07	7.86E-09	2.06E-09	0.00E+00	0.00E+00	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	CARTGRID	1	373500	3764200	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.04E-07	1.83E-07	7.88E-09	2.21E-09	0.00E+00	0.00E+00	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	CARTGRID	1	373600	3764200	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.96E-07	1.92E-07	8.29E-09	2.55E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	CARTGRID	1	373700	3764200	9.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.30E-07	1.90E-07	8.22E-09	2.99E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	CARTGRID	1	373800	3764200	7.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.59E-07	1.51E-07	6.65E-09	3.52E-09	0.00E+00	0.00E+00	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	CARTGRID	1	373900	3764200	8.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.14E-07	1.80E-07	7.97E-09	4.66E-09	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	CARTGRID	1	374000	3764200	9.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.00E-07	2.11E-07	9.36E-09	5.75E-09	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	CARTGRID	1	374100	3764200	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.94E-07	2.37E-07	1.05E-08	7.10E-09	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	CARTGRID	1	374200	3764200	7.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.62E-07	1.81E-07	8.24E-09	7.74E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	CARTGRID	1	374300	3764200	7.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.54E-07	1.75E-07	8.07E-09	8.33E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	CARTGRID	1	374400	3764200	7.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.61E-07	1.72E-07	7.96E-09	8.58E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	CARTGRID	1	374500	3764200	9.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.85E-07	1.95E-07	8.92E-09	8.49E-09	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	CARTGRID	1	374600	3764200	8.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.39E-07	1.74E-07	7.93E-09	7.22E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	CARTGRID	1	374700	3764200	7.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.87E-07	1.54E-07	7.03E-09	6.54E-09	0.00E+00	0.00E+00	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	CARTGRID	1	374800	3764200	7.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-07	1.49E-07	6.80E-09	6.32E-09	0.00E+00	0.00E+00	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	CARTGRID	1	374900	3764200	7.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.62E-07	1.43E-07	6.58E-09	6.61E-09	0.00E+00	0.00E+00	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	CARTGRID	1	375000	3764200	6.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.30E-07	1.31E-07	5.96E-09	5.54E-09	0.00E+00	0.00E+00	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	CARTGRID	1	371500	3764300	2.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	1.52E-08	7.16E-10	8.89E-10	0.00E+00	0.00E+00	9.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	CARTGRID	1	371600	3764300	2.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-07	1.70E-08	7.92E-10	9.13E-10	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	CARTGRID	1	371700	3764300	3.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-07	1.92E-08	8.85E-10	9.38E-10	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	CARTGRID	1	371800	3764300	3.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-07	2.20E-08	1.01E-09	9.66E-10	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	CARTGRID	1	371900	3764300	5.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.42E-07	2.60E-08	1.18E-09	9.98E-10	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	CARTGRID	1	372000	3764300	1.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	3.19E-08	1.43E-09	1.04E-09	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	CARTGRID	1	372100	3764300	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	4.28E-08	1.89E-09	1.12E-09	0.00E+00	0.00E+00	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	CARTGRID	1	372200	3764300	1.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-06	6.29E-08	2.75E-09	1.30E-09	0.00E+00	0.00E+00	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	CARTGRID	1	372300	3764300	1.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-06	1.13E-07	4.87E-09	1.67E-09	0.00E+00	0.00E+00	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	CARTGRID	1	372400	3764300	2.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	4.26E-07	1.81E-08	3.07E-09	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	CARTGRID	1	372500	3764300	6.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	2.58E-06	1.09E-07	1.35E-08	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	CARTGRID	1	372600	3764300	5.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-06	2.00E-06	8.49E-08	1.07E-08	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	CARTGRID	1	372700	3764300	3.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	1.22E-06	5.16E-08	6.93E-09	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	CARTGRID	1	372800	3764300	2.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-06	5.97E-07	2.54E-08	4.00E-09	0.00E+00	0.00E+00	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	CARTGRID	1	372900	3764300	2.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	3.86E-07	1.64E-08	2.83E-09	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	CARTGRID	1	373000	3764300	1.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	2.96E-07	1.26E-08	2.39E-09	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1061	CARTGRID	1	373100	3764300	1.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.10E-07	2.40E-07	1.02E-08	2.10E-09	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	CARTGRID	1	373200	3764300	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.37E-07	2.07E-07	8.84E-09	1.95E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	CARTGRID	1	373300	3764300	1.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.49E-07	1.82E-07	7.81E-09	1.86E-09	0.00E+00	0.00E+00	9.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	CARTGRID	1	373400	3764300	1.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.35E-07	1.74E-07	7.44E-09	1.89E-09	0.00E+00	0.00E+00	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	CARTGRID	1	373500	3764300	9.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.07E-07	1.68E-07	7.20E-09	1.98E-09	0.00E+00	0.00E+00	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	CARTGRID	1	373600	3764300	9.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.35E-07	1.79E-07	7.68E-09	2.26E-09	0.00E+00	0.00E+00	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	CARTGRID	1	373700	3764300	7.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.25E-07	1.63E-07	7.06E-09	2.53E-09	0.00E+00	0.00E+00	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	CARTGRID	1	373800	3764300	6.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.08E-07	1.30E-07	5.69E-09	2.79E-09	0.00E+00	0.00E+00	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	CARTGRID	1	373900	3764300	6.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.41E-07	1.46E-07	6.44E-09	3.52E-09	0.00E+00	0.00E+00	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	CARTGRID	1	374000	3764300	8.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.36E-07	1.75E-07	7.69E-09	4.27E-09	0.00E+00	0.00E+00	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	CARTGRID	1	374100	3764300	9.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-07	1.93E-07	8.53E-09	5.17E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	CARTGRID	1	374200	3764300	8.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.28E-07	1.85E-07	8.26E-09	5.99E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	CARTGRID	1	374300	3764300	7.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.88E-07	1.78E-07	8.03E-09	6.70E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	CARTGRID	1	374400	3764300	6.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	1.60E-07	7.30E-09	7.14E-09	0.00E+00	0.00E+00	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	CARTGRID	1	374500	3764300	7.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.94E-07	1.75E-07	7.98E-09	7.35E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	CARTGRID	1	374600	3764300	8.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.09E-07	1.73E-07	7.90E-09	7.36E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	CARTGRID	1	374700	3764300	7.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.98E-07	1.64E-07	7.52E-09	7.31E-09	0.00E+00	0.00E+00	9.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	CARTGRID	1	374800	3764300	6.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.23E-07	1.36E-07	6.22E-09	5.82E-09	0.00E+00	0.00E+00	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	CARTGRID	1	374900	3764300	6.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.22E-07	1.33E-07	6.07E-09	5.62E-09	0.00E+00	0.00E+00	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	CARTGRID	1	375000	3764300	5.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.85E-07	1.20E-07	5.48E-09	5.15E-09	0.00E+00	0.00E+00	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	CARTGRID	1	371500	3764400	1.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	1.39E-08	6.57E-10	8.37E-10	0.00E+00	0.00E+00	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	CARTGRID	1	371600	3764400	2.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-07	1.54E-08	7.21E-10	8.57E-10	0.00E+00	0.00E+00	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	CARTGRID	1	371700	3764400	2.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-07	1.72E-08	7.98E-10	8.78E-10	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	CARTGRID	1	371800	3764400	3.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-07	1.95E-08	8.97E-10	9.00E-10	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	CARTGRID	1	371900	3764400	4.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.79E-07	2.27E-08	1.03E-09	9.26E-10	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	CARTGRID	1	372000	3764400	6.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-07	2.73E-08	1.23E-09	9.58E-10	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	CARTGRID	1	372100	3764400	7.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.28E-07	3.58E-08	1.59E-09	1.03E-09	0.00E+00	0.00E+00	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	CARTGRID	1	372200	3764400	2.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.70E-06	5.25E-08	2.31E-09	1.29E-09	0.00E+00	0.00E+00	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1089	CARTGRID	1	372300	3764400	1.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	8.54E-08	3.70E-09	1.38E-09	0.00E+00	0.00E+00	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	CARTGRID	1	372400	3764400	1.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-06	1.99E-07	8.48E-09	1.89E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	CARTGRID	1	372500	3764400	3.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	8.99E-07	3.81E-08	5.30E-09	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	CARTGRID	1	372600	3764400	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-06	8.42E-07	3.57E-08	5.02E-09	0.00E+00	0.00E+00	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	CARTGRID	1	372700	3764400	2.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-06	5.33E-07	2.27E-08	3.59E-09	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	CARTGRID	1	372800	3764400	1.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-06	4.26E-07	1.81E-08	2.96E-09	0.00E+00	0.00E+00	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	CARTGRID	1	372900	3764400	1.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	3.44E-07	1.46E-08	2.52E-09	0.00E+00	0.00E+00	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	CARTGRID	1	373000	3764400	1.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	2.78E-07	1.18E-08	2.19E-09	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	CARTGRID	1	373100	3764400	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.98E-07	2.30E-07	9.80E-09	1.96E-09	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	CARTGRID	1	373200	3764400	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.07E-07	1.99E-07	8.51E-09	1.83E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	CARTGRID	1	373300	3764400	9.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.81E-07	1.80E-07	7.71E-09	1.78E-09	0.00E+00	0.00E+00	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	CARTGRID	1	373400	3764400	9.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.56E-07	1.67E-07	7.14E-09	1.77E-09	0.00E+00	0.00E+00	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	CARTGRID	1	373500	3764400	9.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.39E-07	1.68E-07	7.20E-09	2.01E-09	0.00E+00	0.00E+00	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	CARTGRID	1	373600	3764400	8.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.57E-07	1.65E-07	7.11E-09	2.03E-09	0.00E+00	0.00E+00	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	CARTGRID	1	373700	3764400	6.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-07	1.29E-07	5.61E-09	2.14E-09	0.00E+00	0.00E+00	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	CARTGRID	1	373800	3764400	5.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-07	1.20E-07	5.23E-09	2.35E-09	0.00E+00	0.00E+00	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	CARTGRID	1	373900	3764400	6.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	1.36E-07	5.95E-09	2.85E-09	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	CARTGRID	1	374000	3764400	7.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.74E-07	1.50E-07	6.56E-09	3.35E-09	0.00E+00	0.00E+00	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	CARTGRID	1	374100	3764400	8.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.53E-07	1.61E-07	7.12E-09	4.04E-09	0.00E+00	0.00E+00	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	CARTGRID	1	374200	3764400	8.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.39E-07	1.63E-07	7.24E-09	4.56E-09	0.00E+00	0.00E+00	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	CARTGRID	1	374300	3764400	8.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.22E-07	1.70E-07	7.61E-09	5.45E-09	0.00E+00	0.00E+00	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	CARTGRID	1	374400	3764400	7.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.92E-07	1.67E-07	7.53E-09	5.87E-09	0.00E+00	0.00E+00	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	CARTGRID	1	374500	3764400	7.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-07	1.65E-07	7.47E-09	6.25E-09	0.00E+00	0.00E+00	9.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	CARTGRID	1	374600	3764400	7.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.89E-07	1.63E-07	7.40E-09	6.52E-09	0.00E+00	0.00E+00	9.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	CARTGRID	1	374700	3764400	6.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.47E-07	1.47E-07	6.66E-09	5.76E-09	0.00E+00	0.00E+00	8.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1114	CARTGRID	1	374800	3764400	6.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.02E-07	1.32E-07	6.01E-09	5.47E-09	0.00E+00	0.00E+00	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	CARTGRID	1	374900	3764400	5.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.84E-07	1.25E-07	5.69E-09	5.28E-09	0.00E+00	0.00E+00	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	CARTGRID	1	375000	3764400	5.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-07	1.17E-07	5.34E-09	5.03E-09	0.00E+00	0.00E+00	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	CARTGRID	1	371500	3764500	1.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	1.27E-08	6.00E-10	7.90E-10	0.00E+00	0.00E+00	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	CARTGRID	1	371600	3764500	1.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-07	1.39E-08	6.52E-10	8.06E-10	0.00E+00	0.00E+00	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	CARTGRID	1	371700	3764500	2.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.07E-07	1.53E-08	7.15E-10	8.22E-10	0.00E+00	0.00E+00	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	CARTGRID	1	371800	3764500	3.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	1.72E-08	7.95E-10	8.40E-10	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	CARTGRID	1	371900	3764500	3.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.15E-07	1.97E-08	9.00E-10	8.60E-10	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	CARTGRID	1	372000	3764500	4.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.47E-07	2.31E-08	1.05E-09	8.85E-10	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	CARTGRID	1	372100	3764500	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-06	2.90E-08	1.30E-09	9.47E-10	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	CARTGRID	1	372200	3764500	9.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.23E-07	3.66E-08	1.62E-09	1.03E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	CARTGRID	1	372300	3764500	9.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.22E-07	4.72E-08	2.07E-09	1.08E-09	0.00E+00	0.00E+00	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	CARTGRID	1	372400	3764500	1.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	6.37E-08	2.78E-09	1.23E-09	0.00E+00	0.00E+00	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	CARTGRID	1	372500	3764500	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.65E-07	1.10E-07	4.73E-09	1.39E-09	0.00E+00	0.00E+00	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	CARTGRID	1	372600	3764500	1.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.83E-07	2.10E-07	8.97E-09	1.96E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	CARTGRID	1	372700	3764500	1.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	2.73E-07	1.17E-08	2.22E-09	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	CARTGRID	1	372800	3764500	1.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.06E-07	2.76E-07	1.18E-08	2.14E-09	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	CARTGRID	1	372900	3764500	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.42E-07	2.61E-07	1.11E-08	2.05E-09	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	CARTGRID	1	373000	3764500	1.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.42E-07	2.42E-07	1.03E-08	1.96E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	CARTGRID	1	373100	3764500	9.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.68E-07	2.08E-07	8.85E-09	1.78E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	CARTGRID	1	373200	3764500	9.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.46E-07	1.92E-07	8.19E-09	1.73E-09	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	CARTGRID	1	373300	3764500	9.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-07	1.77E-07	7.56E-09	1.71E-09	0.00E+00	0.00E+00	9.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	CARTGRID	1	373400	3764500	8.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.97E-07	1.66E-07	7.12E-09	1.75E-09	0.00E+00	0.00E+00	8.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	CARTGRID	1	373500	3764500	8.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.36E-07	1.68E-07	7.18E-09	1.82E-09	0.00E+00	0.00E+00	9.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	CARTGRID	1	373600	3764500	5.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.57E-07	1.21E-07	5.24E-09	1.73E-09	0.00E+00	0.00E+00	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	CARTGRID	1	373700	3764500	5.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.62E-07	1.22E-07	5.28E-09	1.90E-09	0.00E+00	0.00E+00	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	CARTGRID	1	373800	3764500	6.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.05E-07	1.32E-07	5.73E-09	2.14E-09	0.00E+00	0.00E+00	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	CARTGRID	1	373900	3764500	6.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.06E-07	1.30E-07	5.68E-09	2.41E-09	0.00E+00	0.00E+00	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	CARTGRID	1	374000	3764500	6.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-07	1.35E-07	5.89E-09	2.75E-09	0.00E+00	0.00E+00	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	CARTGRID	1	374100	3764500	7.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.80E-07	1.42E-07	6.24E-09	3.31E-09	0.00E+00	0.00E+00	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	CARTGRID	1	374200	3764500	6.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.71E-07	1.35E-07	5.97E-09	3.51E-09	0.00E+00	0.00E+00	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	CARTGRID	1	374300	3764500	7.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.83E-07	1.45E-07	6.46E-09	4.31E-09	0.00E+00	0.00E+00	8.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	CARTGRID	1	374400	3764500	7.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.74E-07	1.47E-07	6.57E-09	4.74E-09	0.00E+00	0.00E+00	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	CARTGRID	1	374500	3764500	6.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.51E-07	1.43E-07	6.39E-09	4.83E-09	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	CARTGRID	1	374600	3764500	6.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.26E-07	1.37E-07	6.19E-09	4.96E-09	0.00E+00	0.00E+00	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	CARTGRID	1	374700	3764500	6.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-07	1.30E-07	5.90E-09	5.00E-09	0.00E+00	0.00E+00	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	CARTGRID	1	374800	3764500	5.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-07	1.23E-07	5.60E-09	4.97E-09	0.00E+00	0.00E+00	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	CARTGRID	1	374900	3764500	5.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.61E-07	1.19E-07	5.41E-09	4.92E-09	0.00E+00	0.00E+00	7.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	CARTGRID	1	375000	3764500	5.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-07	1.13E-07	5.17E-09	4.79E-09	0.00E+00	0.00E+00	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1153	CARTGRID	1	371500	3764600	1.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-07	1.16E-08	5.49E-10	7.45E-10	0.00E+00	0.00E+00	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	CARTGRID	1	371600	3764600	1.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-07	1.25E-08	5.91E-10	7.58E-10	0.00E+00	0.00E+00	7.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	CARTGRID	1	371700	3764600	1.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-07	1.37E-08	6.43E-10	7.71E-10	0.00E+00	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	CARTGRID	1	371800	3764600	2.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	1.52E-08	7.05E-10	7.85E-10	0.00E+00	0.00E+00	9.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	CARTGRID	1	371900	3764600	3.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-07	1.70E-08	7.82E-10	8.00E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	CARTGRID	1	372000	3764600	3.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	1.94E-08	8.83E-10	8.18E-10	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	CARTGRID	1	372100	3764600	4.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-07	2.27E-08	1.02E-09	8.44E-10	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	CARTGRID	1	372200	3764600	5.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.02E-07	2.70E-08	1.21E-09	8.73E-10	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	CARTGRID	1	372300	3764600	5.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.03E-07	3.53E-08	1.57E-09	1.08E-09	0.00E+00	0.00E+00	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	CARTGRID	1	372400	3764600	6.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.50E-07	4.15E-08	1.83E-09	1.09E-09	0.00E+00	0.00E+00	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	CARTGRID	1	372500	3764600	5.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.62E-07	5.35E-08	2.33E-09	1.04E-09	0.00E+00	0.00E+00	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	CARTGRID	1	372600	3764600	6.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.36E-07	7.03E-08	3.05E-09	1.21E-09	0.00E+00	0.00E+00	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	CARTGRID	1	372700	3764600	7.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.48E-07	1.26E-07	5.38E-09	1.41E-09	0.00E+00	0.00E+00	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	CARTGRID	1	372800	3764600	8.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-07	1.49E-07	6.36E-09	1.46E-09	0.00E+00	0.00E+00	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1167	CARTGRID	1	372900	3764600	8.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.51E-07	1.70E-07	7.24E-09	1.54E-09	0.00E+00	0.00E+00	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	CARTGRID	1	373000	3764600	8.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-07	1.75E-07	7.46E-09	1.56E-09	0.00E+00	0.00E+00	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	CARTGRID	1	373100	3764600	7.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.20E-07	1.71E-07	7.32E-09	1.55E-09	0.00E+00	0.00E+00	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	CARTGRID	1	373200	3764600	8.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.36E-07	1.68E-07	7.17E-09	1.56E-09	0.00E+00	0.00E+00	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	CARTGRID	1	373300	3764600	8.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.52E-07	1.68E-07	7.18E-09	1.66E-09	0.00E+00	0.00E+00	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	CARTGRID	1	373400	3764600	7.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-07	1.64E-07	7.02E-09	1.76E-09	0.00E+00	0.00E+00	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	CARTGRID	1	373500	3764600	7.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.70E-07	1.59E-07	6.82E-09	1.69E-09	0.00E+00	0.00E+00	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	CARTGRID	1	373600	3764600	5.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.29E-07	1.19E-07	5.13E-09	1.61E-09	0.00E+00	0.00E+00	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	CARTGRID	1	373700	3764600	6.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.07E-07	1.36E-07	5.87E-09	1.78E-09	0.00E+00	0.00E+00	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	CARTGRID	1	373800	3764600	6.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.51E-07	1.34E-07	5.80E-09	1.95E-09	0.00E+00	0.00E+00	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	CARTGRID	1	373900	3764600	6.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.65E-07	1.26E-07	5.45E-09	2.15E-09	0.00E+00	0.00E+00	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	CARTGRID	1	374000	3764600	6.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.57E-07	1.28E-07	5.58E-09	2.59E-09	0.00E+00	0.00E+00	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	CARTGRID	1	374100	3764600	6.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.50E-07	1.28E-07	5.62E-09	2.95E-09	0.00E+00	0.00E+00	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	CARTGRID	1	374200	3764600	6.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.38E-07	1.22E-07	5.38E-09	2.99E-09	0.00E+00	0.00E+00	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	CARTGRID	1	374300	3764600	6.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.08E-07	1.17E-07	5.18E-09	3.22E-09	0.00E+00	0.00E+00	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	CARTGRID	1	374400	3764600	6.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.20E-07	1.24E-07	5.51E-09	3.71E-09	0.00E+00	0.00E+00	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	CARTGRID	1	374500	3764600	5.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	1.19E-07	5.35E-09	3.92E-09	0.00E+00	0.00E+00	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	CARTGRID	1	374600	3764600	5.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-07	1.16E-07	5.23E-09	4.14E-09	0.00E+00	0.00E+00	6.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	CARTGRID	1	374700	3764600	5.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-07	1.15E-07	5.19E-09	4.32E-09	0.00E+00	0.00E+00	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	CARTGRID	1	374800	3764600	5.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.48E-07	1.14E-07	5.14E-09	4.44E-09	0.00E+00	0.00E+00	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	CARTGRID	1	374900	3764600	5.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.39E-07	1.11E-07	5.06E-09	4.49E-09	0.00E+00	0.00E+00	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	CARTGRID	1	375000	3764600	5.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.29E-07	1.08E-07	4.92E-09	4.46E-09	0.00E+00	0.00E+00	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	CARTGRID	1	371500	3764700	1.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	1.05E-08	5.03E-10	7.04E-10	0.00E+00	0.00E+00	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	CARTGRID	1	371600	3764700	1.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-07	1.13E-08	5.35E-10	7.13E-10	0.00E+00	0.00E+00	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	CARTGRID	1	371700	3764700	1.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-07	1.22E-08	5.76E-10	7.24E-10	0.00E+00	0.00E+00	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	CARTGRID	1	371800	3764700	1.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	1.33E-08	6.21E-10	7.34E-10	0.00E+00	0.00E+00	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	CARTGRID	1	371900	3764700	1.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-07	1.47E-08	6.82E-10	7.47E-10	0.00E+00	0.00E+00	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	CARTGRID	1	372000	3764700	2.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-07	1.70E-08	7.81E-10	7.73E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	CARTGRID	1	372100	3764700	2.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	1.92E-08	8.75E-10	7.86E-10	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	CARTGRID	1	372200	3764700	2.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	2.25E-08	1.01E-09	8.16E-10	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	CARTGRID	1	372300	3764700	3.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.07E-07	2.67E-08	1.20E-09	9.27E-10	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	CARTGRID	1	372400	3764700	4.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.18E-07	3.11E-08	1.38E-09	9.10E-10	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	CARTGRID	1	372500	3764700	3.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.26E-07	3.61E-08	1.59E-09	9.03E-10	0.00E+00	0.00E+00	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	CARTGRID	1	372600	3764700	4.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.78E-07	4.16E-08	1.83E-09	1.03E-09	0.00E+00	0.00E+00	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	CARTGRID	1	372700	3764700	4.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	5.41E-08	2.35E-09	9.71E-10	0.00E+00	0.00E+00	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	CARTGRID	1	372800	3764700	5.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.03E-07	7.50E-08	3.24E-09	1.04E-09	0.00E+00	0.00E+00	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	CARTGRID	1	372900	3764700	5.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.09E-07	9.76E-08	4.19E-09	1.14E-09	0.00E+00	0.00E+00	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	CARTGRID	1	373000	3764700	5.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.13E-07	1.16E-07	4.95E-09	1.22E-09	0.00E+00	0.00E+00	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	CARTGRID	1	373100	3764700	6.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.17E-07	1.27E-07	5.42E-09	1.29E-09	0.00E+00	0.00E+00	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	CARTGRID	1	373200	3764700	6.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.37E-07	1.34E-07	5.75E-09	1.35E-09	0.00E+00	0.00E+00	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	CARTGRID	1	373300	3764700	7.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.69E-07	1.46E-07	6.27E-09	1.55E-09	0.00E+00	0.00E+00	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	CARTGRID	1	373400	3764700	6.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.93E-07	1.52E-07	6.48E-09	1.53E-09	0.00E+00	0.00E+00	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	CARTGRID	1	373500	3764700	6.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.91E-07	1.44E-07	6.17E-09	1.54E-09	0.00E+00	0.00E+00	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	CARTGRID	1	373600	3764700	6.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.15E-07	1.39E-07	5.95E-09	1.59E-09	0.00E+00	0.00E+00	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	CARTGRID	1	373700	3764700	6.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-07	1.24E-07	5.33E-09	1.66E-09	0.00E+00	0.00E+00	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	CARTGRID	1	373800	3764700	6.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-07	1.18E-07	5.07E-09	1.72E-09	0.00E+00	0.00E+00	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	CARTGRID	1	373900	3764700	5.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.96E-07	1.08E-07	4.67E-09	1.74E-09	0.00E+00	0.00E+00	5.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	CARTGRID	1	374000	3764700	5.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.98E-07	1.08E-07	4.68E-09	1.95E-09	0.00E+00	0.00E+00	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	CARTGRID	1	374100	3764700	5.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	1.07E-07	4.65E-09	2.17E-09	0.00E+00	0.00E+00	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	CARTGRID	1	374200	3764700	5.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.71E-07	1.03E-07	4.52E-09	2.40E-09	0.00E+00	0.00E+00	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1217	CARTGRID	1	374300	3764700	5.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-07	1.01E-07	4.47E-09	2.67E-09	0.00E+00	0.00E+00	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	CARTGRID	1	374400	3764700	5.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-07	1.02E-07	4.52E-09	2.98E-09	0.00E+00	0.00E+00	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	CARTGRID	1	374500	3764700	5.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.38E-07	1.01E-07	4.53E-09	3.25E-09	0.00E+00	0.00E+00	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1220	CARTGRID	1	374600	3764700	5.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.33E-07	1.02E-07	4.59E-09	3.52E-09	0.00E+00	0.00E+00	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	CARTGRID	1	374700	3764700	4.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-07	1.03E-07	4.63E-09	3.74E-09	0.00E+00	0.00E+00	6.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	CARTGRID	1	374800	3764700	4.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.23E-07	1.03E-07	4.67E-09	3.92E-09	0.00E+00	0.00E+00	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	CARTGRID	1	374900	3764700	4.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	1.03E-07	4.65E-09	4.03E-09	0.00E+00	0.00E+00	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	CARTGRID	1	375000	3764700	4.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.09E-07	1.01E-07	4.58E-09	4.08E-09	0.00E+00	0.00E+00	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	CARTGRID	1	371500	3764800	1.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	9.57E-09	4.59E-10	6.65E-10	0.00E+00	0.00E+00	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	CARTGRID	1	371600	3764800	1.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	1.02E-08	4.84E-10	6.72E-10	0.00E+00	0.00E+00	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	CARTGRID	1	371700	3764800	1.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-07	1.09E-08	5.16E-10	6.80E-10	0.00E+00	0.00E+00	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	CARTGRID	1	371800	3764800	1.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-07	1.18E-08	5.54E-10	6.89E-10	0.00E+00	0.00E+00	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	CARTGRID	1	371900	3764800	1.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	1.31E-08	6.11E-10	7.02E-10	0.00E+00	0.00E+00	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	CARTGRID	1	372000	3764800	1.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-07	1.51E-08	6.95E-10	7.28E-10	0.00E+00	0.00E+00	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	CARTGRID	1	372100	3764800	1.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-07	1.72E-08	7.88E-10	7.59E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	CARTGRID	1	372200	3764800	2.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-07	1.92E-08	8.73E-10	7.74E-10	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	CARTGRID	1	372300	3764800	2.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-07	2.29E-08	1.03E-09	8.06E-10	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	CARTGRID	1	372400	3764800	2.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-07	2.39E-08	1.07E-09	7.90E-10	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	CARTGRID	1	372500	3764800	2.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-07	2.76E-08	1.23E-09	8.09E-10	0.00E+00	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	CARTGRID	1	372600	3764800	3.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-07	3.06E-08	1.36E-09	9.26E-10	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	CARTGRID	1	372700	3764800	3.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	3.50E-08	1.54E-09	8.27E-10	0.00E+00	0.00E+00	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	CARTGRID	1	372800	3764800	3.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.03E-07	4.41E-08	1.92E-09	8.44E-10	0.00E+00	0.00E+00	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	CARTGRID	1	372900	3764800	4.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-07	5.72E-08	2.47E-09	9.01E-10	0.00E+00	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	CARTGRID	1	373000	3764800	4.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.21E-07	7.18E-08	3.09E-09	9.72E-10	0.00E+00	0.00E+00	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	CARTGRID	1	373100	3764800	4.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.32E-07	8.56E-08	3.68E-09	1.05E-09	0.00E+00	0.00E+00	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	CARTGRID	1	373200	3764800	5.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.62E-07	9.95E-08	4.27E-09	1.14E-09	0.00E+00	0.00E+00	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	CARTGRID	1	373300	3764800	5.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	1.16E-07	4.99E-09	1.37E-09	0.00E+00	0.00E+00	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	CARTGRID	1	373400	3764800	5.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	1.24E-07	5.33E-09	1.44E-09	0.00E+00	0.00E+00	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	CARTGRID	1	373500	3764800	5.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	1.15E-07	4.94E-09	1.37E-09	0.00E+00	0.00E+00	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	CARTGRID	1	373600	3764800	5.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.80E-07	1.10E-07	4.73E-09	1.36E-09	0.00E+00	0.00E+00	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	CARTGRID	1	373700	3764800	5.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-07	1.05E-07	4.52E-09	1.39E-09	0.00E+00	0.00E+00	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	CARTGRID	1	373800	3764800	5.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-07	1.00E-07	4.33E-09	1.45E-09	0.00E+00	0.00E+00	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	CARTGRID	1	373900	3764800	4.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.35E-07	9.61E-08	4.16E-09	1.54E-09	0.00E+00	0.00E+00	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	CARTGRID	1	374000	3764800	4.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-07	9.38E-08	4.08E-09	1.67E-09	0.00E+00	0.00E+00	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	CARTGRID	1	374100	3764800	4.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.29E-07	9.27E-08	4.04E-09	1.85E-09	0.00E+00	0.00E+00	5.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	CARTGRID	1	374200	3764800	4.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.24E-07	9.16E-08	4.02E-09	2.05E-09	0.00E+00	0.00E+00	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	CARTGRID	1	374300	3764800	4.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.21E-07	9.13E-08	4.02E-09	2.28E-09	0.00E+00	0.00E+00	5.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	CARTGRID	1	374400	3764800	4.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.15E-07	9.09E-08	4.03E-09	2.53E-09	0.00E+00	0.00E+00	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	CARTGRID	1	374500	3764800	4.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-07	9.10E-08	4.06E-09	2.78E-09	0.00E+00	0.00E+00	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	CARTGRID	1	374600	3764800	4.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-07	9.16E-08	4.10E-09	3.02E-09	0.00E+00	0.00E+00	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	CARTGRID	1	374700	3764800	4.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-07	9.24E-08	4.16E-09	3.24E-09	0.00E+00	0.00E+00	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	CARTGRID	1	374800	3764800	4.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-07	9.34E-08	4.21E-09	3.43E-09	0.00E+00	0.00E+00	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	CARTGRID	1	374900	3764800	4.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	9.37E-08	4.24E-09	3.58E-09	0.00E+00	0.00E+00	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	CARTGRID	1	375000	3764800	4.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	9.32E-08	4.22E-09	3.68E-09	0.00E+00	0.00E+00	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	CARTGRID	1	371500	3764900	1.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.16E-08	8.73E-09	4.21E-10	6.29E-10	0.00E+00	0.00E+00	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	CARTGRID	1	371600	3764900	1.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.51E-08	9.23E-09	4.42E-10	6.35E-10	0.00E+00	0.00E+00	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	CARTGRID	1	371700	3764900	1.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.90E-08	9.84E-09	4.68E-10	6.41E-10	0.00E+00	0.00E+00	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	CARTGRID	1	371800	3764900	1.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	1.06E-08	5.02E-10	6.49E-10	0.00E+00	0.00E+00	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	CARTGRID	1	371900	3764900	1.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-07	1.17E-08	5.46E-10	6.58E-10	0.00E+00	0.00E+00	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	CARTGRID	1	372000	3764900	1.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-07	1.36E-08	6.28E-10	6.88E-10	0.00E+00	0.00E+00	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	CARTGRID	1	372100	3764900	1.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	1.48E-08	6.82E-10	6.91E-10	0.00E+00	0.00E+00	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	CARTGRID	1	372200	3764900	1.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	1.63E-08	7.47E-10	7.17E-10	0.00E+00	0.00E+00	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	CARTGRID	1	372300	3764900	1.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	1.82E-08	8.35E-10	8.22E-10	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	CARTGRID	1	372400	3764900	1.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-07	2.04E-08	9.20E-10	7.40E-10	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	CARTGRID	1	372500	3764900	1.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-07	2.23E-08	9.96E-10	7.31E-10	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	CARTGRID	1	372600	3764900	2.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-07	2.39E-08	1.07E-09	8.25E-10	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1273	CARTGRID	1	372700	3764900	2.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-07	2.64E-08	1.17E-09	7.59E-10	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	CARTGRID	1	372800	3764900	2.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-07	3.03E-08	1.33E-09	7.37E-10	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	CARTGRID	1	372900	3764900	2.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-07	3.69E-08	1.61E-09	7.64E-10	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	CARTGRID	1	373000	3764900	3.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-07	4.62E-08	2.01E-09	8.13E-10	0.00E+00	0.00E+00	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	CARTGRID	1	373100	3764900	3.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-07	5.65E-08	2.45E-09	8.73E-10	0.00E+00	0.00E+00	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	CARTGRID	1	373200	3764900	3.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-07	6.76E-08	2.91E-09	9.43E-10	0.00E+00	0.00E+00	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	CARTGRID	1	373300	3764900	4.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.21E-07	8.23E-08	3.54E-09	1.09E-09	0.00E+00	0.00E+00	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	CARTGRID	1	373400	3764900	4.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-07	8.74E-08	3.76E-09	1.11E-09	0.00E+00	0.00E+00	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1281	CARTGRID	1	373500	3764900	4.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	8.96E-08	3.85E-09	1.14E-09	0.00E+00	0.00E+00	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	CARTGRID	1	373600	3764900	4.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	9.15E-08	3.94E-09	1.20E-09	0.00E+00	0.00E+00	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	CARTGRID	1	373700	3764900	4.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.07E-07	9.01E-08	3.88E-09	1.24E-09	0.00E+00	0.00E+00	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	CARTGRID	1	373800	3764900	4.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-07	8.89E-08	3.84E-09	1.31E-09	0.00E+00	0.00E+00	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	CARTGRID	1	373900	3764900	4.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	8.70E-08	3.77E-09	1.39E-09	0.00E+00	0.00E+00	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	CARTGRID	1	374000	3764900	4.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-07	8.56E-08	3.72E-09	1.50E-09	0.00E+00	0.00E+00	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	CARTGRID	1	374100	3764900	4.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-07	8.44E-08	3.68E-09	1.64E-09	0.00E+00	0.00E+00	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	CARTGRID	1	374200	3764900	4.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-07	8.39E-08	3.67E-09	1.80E-09	0.00E+00	0.00E+00	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	CARTGRID	1	374300	3764900	4.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-07	8.35E-08	3.67E-09	1.99E-09	0.00E+00	0.00E+00	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	CARTGRID	1	374400	3764900	4.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-07	8.33E-08	3.68E-09	2.19E-09	0.00E+00	0.00E+00	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	CARTGRID	1	374500	3764900	4.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.85E-07	8.31E-08	3.69E-09	2.40E-09	0.00E+00	0.00E+00	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	CARTGRID	1	374600	3764900	4.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-07	8.35E-08	3.72E-09	2.62E-09	0.00E+00	0.00E+00	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	CARTGRID	1	374700	3764900	4.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-07	8.41E-08	3.77E-09	2.82E-09	0.00E+00	0.00E+00	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	CARTGRID	1	374800	3764900	4.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-07	8.48E-08	3.81E-09	3.01E-09	0.00E+00	0.00E+00	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	CARTGRID	1	374900	3764900	4.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	8.54E-08	3.86E-09	3.17E-09	0.00E+00	0.00E+00	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	CARTGRID	1	375000	3764900	4.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-07	8.55E-08	3.87E-09	3.29E-09	0.00E+00	0.00E+00	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	SENSITIV	Star Sch	371,655	3,764,335	2.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-07	1.75E-08	8.13E-10	9.06E-10	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	SENSITIV	Village	371,602	3,765,015	9.88E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.39E-08	8.43E-09	4.05E-10	5.98E-10	0.00E+00	0.00E+00	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	SENSITIV	Linwood	371,458	3,765,442	6.60E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.52E-08	5.97E-09	2.92E-10	4.83E-10	0.00E+00	0.00E+00	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	SENSITIV	Willows	372,537	3,765,521	7.94E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.43E-08	8.79E-09	4.09E-10	4.69E-10	0.00E+00	0.00E+00	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	SENSITIV	Baldwin	373,913	3,765,441	2.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-07	3.55E-08	1.56E-09	8.30E-10	0.00E+00	0.00E+00	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	SENSITIV	Hillcres	375,384	3,764,569	4.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-07	9.03E-08	4.13E-09	3.96E-09	0.00E+00	0.00E+00	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	SENSITIV	Windssor	374,735	3,762,558	4.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.23E-07	8.75E-09	4.19E-10	6.07E-10	0.00E+00	0.00E+00	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	SENSITIV	Communit	374,502	3,761,177	7.93E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.75E-08	6.66E-09	3.22E-10	4.86E-10	0.00E+00	0.00E+00	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	SENSITIV	ICEF Sch	373,575	3,761,806	3.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-07	1.33E-08	6.30E-10	8.19E-10	0.00E+00	0.00E+00	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	SENSITIV	La Tijer	373,549	3,760,990	1.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	6.17E-09	3.07E-10	5.58E-10	0.00E+00	0.00E+00	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	SENSITIV	Frank Pa	372,980	3,761,081	1.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	7.18E-09	3.61E-10	6.96E-10	0.00E+00	0.00E+00	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	SENSITIV	El Rinco	371,566	3,762,615	2.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-07	1.97E-08	9.80E-10	1.79E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	SENSITIV	West La	372,008	3,763,263	4.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.16E-07	4.04E-08	1.87E-09	2.09E-09	0.00E+00	0.00E+00	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	SENSITIV	We LA Co	372,011	3,763,812	6.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.59E-07	4.41E-08	1.98E-09	1.49E-09	0.00E+00	0.00E+00	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	SENSITIV	Culver C	370,802	3,763,850	1.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	1.05E-08	5.24E-10	9.45E-10	0.00E+00	0.00E+00	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	CENSUS	0	372901	3765440	1.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.68E-08	1.18E-08	5.40E-10	5.09E-10	0.00E+00	0.00E+00	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	CENSUS	0	372959.8	3765435	1.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.09E-08	1.26E-08	5.72E-10	5.17E-10	0.00E+00	0.00E+00	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	CENSUS	0	372842.8	3765524	9.17E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.44E-08	1.02E-08	4.69E-10	4.82E-10	0.00E+00	0.00E+00	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	CENSUS	66	373420.8	3765485	1.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-07	1.93E-08	8.61E-10	5.98E-10	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	CENSUS	29	373545.6	3765515	1.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	2.11E-08	9.36E-10	6.24E-10	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	CENSUS	44	375225.2	3761771	7.61E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.44E-08	6.52E-09	3.18E-10	5.14E-10	0.00E+00	0.00E+00	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	CENSUS	0	375106.2	3761773	8.38E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.13E-08	6.94E-09	3.40E-10	5.61E-10	0.00E+00	0.00E+00	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	CENSUS	14	375102.8	3761696	7.96E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.76E-08	6.64E-09	3.27E-10	5.57E-10	0.00E+00	0.00E+00	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	CENSUS	633	373341.1	3764878	4.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.40E-07	9.23E-08	3.97E-09	1.17E-09	0.00E+00	0.00E+00	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	CENSUS	0	374183.5	3763735	9.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-07	1.78E-07	8.47E-09	1.16E-08	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	CENSUS	62	374306.4	3764163	7.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.72E-07	1.81E-07	8.37E-09	9.05E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	CENSUS	200	374206.1	3764354	8.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.70E-07	1.82E-07	8.13E-09	5.63E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	CENSUS	0	373212.5	3764361	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.34E-07	1.98E-07	8.48E-09	1.86E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	CENSUS	64	373975.1	3764905	4.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-07	8.55E-08	3.71E-09	1.46E-09	0.00E+00	0.00E+00	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1326	CENSUS	0	374058.3	3763929	1.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.01E-07	2.87E-07	1.33E-08	1.48E-08	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	CENSUS	0	373575.9	3764344	9.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.42E-07	1.73E-07	7.42E-09	2.21E-09	0.00E+00	0.00E+00	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	CENSUS	0	373533.5	3763998	1.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	2.75E-07	1.18E-08	3.27E-09	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	CENSUS	0	373574.1	3763737	3.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	8.87E-07	3.82E-08	1.22E-08	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	CENSUS	0	373994.8	3763455	3.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.85E-06	3.21E-07	1.40E-08	5.88E-09	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	CENSUS	0	373228.7	3764370	1.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.21E-07	1.95E-07	8.31E-09	1.84E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	CENSUS	0	373570.9	3763152	3.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-06	3.93E-07	1.70E-08	5.85E-09	0.00E+00	0.00E+00	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	CENSUS	0	374562.5	3762669	6.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.24E-07	1.23E-08	5.80E-10	7.26E-10	0.00E+00	0.00E+00	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	CENSUS	0	374586.4	3762717	6.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.17E-07	1.17E-08	5.53E-10	7.15E-10	0.00E+00	0.00E+00	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	CENSUS	0	373224	3764274	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.85E-07	2.03E-07	8.69E-09	1.97E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	CENSUS	0	373399.9	3763529	9.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.23E-06	9.01E-07	3.98E-08	2.39E-08	0.00E+00	0.00E+00	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	CENSUS	0	374207.1	3763730	8.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.85E-07	1.74E-07	8.24E-09	1.08E-08	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	CENSUS	0	374002.6	3763649	1.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	2.65E-07	1.25E-08	1.62E-08	0.00E+00	0.00E+00	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	CENSUS	58	373923.7	3764375	6.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.59E-07	1.47E-07	6.44E-09	3.12E-09	0.00E+00	0.00E+00	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	CENSUS	0	373211.1	3763939	2.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-06	3.02E-07	1.29E-08	3.16E-09	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	CENSUS	0	374739.8	3764202	7.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.64E-07	1.46E-07	6.68E-09	6.28E-09	0.00E+00	0.00E+00	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	CENSUS	0	374567.6	3763540	9.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.38E-07	1.98E-07	8.63E-09	3.72E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	CENSUS	0	373553.1	3762847	2.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-06	1.17E-07	5.10E-09	2.28E-09	0.00E+00	0.00E+00	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	CENSUS	0	373535	3762809	1.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	1.01E-07	4.42E-09	2.14E-09	0.00E+00	0.00E+00	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1345	CENSUS	281	373791.6	3765248	2.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-07	4.76E-08	2.07E-09	9.14E-10	0.00E+00	0.00E+00	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	CENSUS	28	373496.8	3765365	1.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-07	2.67E-08	1.18E-09	6.77E-10	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	CENSUS	49	373469.1	3765289	2.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-07	3.06E-08	1.34E-09	7.09E-10	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	CENSUS	42	373683.4	3765283	2.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	3.98E-08	1.74E-09	8.19E-10	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	CENSUS	51	373675.1	3765195	2.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-07	4.84E-08	2.11E-09	8.88E-10	0.00E+00	0.00E+00	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	CENSUS	63	373464.1	3765195	2.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	3.84E-08	1.67E-09	7.71E-10	0.00E+00	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	CENSUS	57	373658.4	3765109	3.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	5.82E-08	2.52E-09	9.62E-10	0.00E+00	0.00E+00	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	CENSUS	61	373538.4	3765085	3.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	5.58E-08	2.42E-09	9.12E-10	0.00E+00	0.00E+00	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	CENSUS	63	373553.3	3765033	3.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-07	6.46E-08	2.79E-09	9.79E-10	0.00E+00	0.00E+00	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	CENSUS	93	373563	3764944	4.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-07	8.18E-08	3.52E-09	1.11E-09	0.00E+00	0.00E+00	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	CENSUS	36	373327.1	3765246	1.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-07	2.80E-08	1.23E-09	6.77E-10	0.00E+00	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	CENSUS	7	373281.8	3765223	2.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	2.78E-08	1.22E-09	6.74E-10	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	CENSUS	281	373157.1	3765299	1.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-07	1.98E-08	8.82E-10	5.99E-10	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	CENSUS	165	373021.9	3765293	1.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-07	1.68E-08	7.54E-10	5.71E-10	0.00E+00	0.00E+00	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	CENSUS	0	372873.5	3765268	1.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-07	1.47E-08	6.64E-10	5.56E-10	0.00E+00	0.00E+00	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	CENSUS	0	372868.1	3765410	1.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.82E-08	1.19E-08	5.44E-10	5.13E-10	0.00E+00	0.00E+00	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	CENSUS	0	372829.3	3765399	1.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.72E-08	1.17E-08	5.35E-10	5.12E-10	0.00E+00	0.00E+00	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	CENSUS	0	372798.7	3765409	1.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.42E-08	1.13E-08	5.17E-10	5.07E-10	0.00E+00	0.00E+00	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	CENSUS	0	372822.8	3765083	1.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-07	1.93E-08	8.62E-10	6.21E-10	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	CENSUS	219	373159.3	3765138	2.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-07	2.87E-08	1.26E-09	6.80E-10	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	CENSUS	34	373100.9	3765105	2.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	2.85E-08	1.25E-09	6.79E-10	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	CENSUS	0	372877	3765011	2.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-07	2.48E-08	1.10E-09	6.70E-10	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	CENSUS	0	372787.6	3765009	2.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-07	2.16E-08	9.63E-10	6.53E-10	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	CENSUS	86	375028.5	3763952	6.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.14E-07	1.22E-07	5.49E-09	4.50E-09	0.00E+00	0.00E+00	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	CENSUS	45	374938.3	3763776	5.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.60E-07	1.05E-07	4.71E-09	3.42E-09	0.00E+00	0.00E+00	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	CENSUS	312	375139.4	3763557	4.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-07	6.90E-08	3.05E-09	1.85E-09	0.00E+00	0.00E+00	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	CENSUS	36	374915.5	3763494	4.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.57E-07	8.01E-08	3.51E-09	1.82E-09	0.00E+00	0.00E+00	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	CENSUS	38	374990.1	3763475	4.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-07	7.24E-08	3.18E-09	1.68E-09	0.00E+00	0.00E+00	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	CENSUS	573	374849.3	3763917	6.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.09E-07	1.23E-07	5.62E-09	5.16E-09	0.00E+00	0.00E+00	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	CENSUS	115	374642.6	3763262	5.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-07	7.57E-08	3.29E-09	1.40E-09	0.00E+00	0.00E+00	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	CENSUS	40	374737.6	3763481	5.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-07	1.02E-07	4.44E-09	2.09E-09	0.00E+00	0.00E+00	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	CENSUS	249	374658.5	3762976	4.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-07	1.75E-08	8.04E-10	7.88E-10	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	CENSUS	188	374799.3	3763250	4.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-07	5.22E-08	2.29E-09	1.19E-09	0.00E+00	0.00E+00	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	CENSUS	58	374819.5	3763469	5.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	8.89E-08	3.89E-09	1.88E-09	0.00E+00	0.00E+00	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1379	CENSUS	0	374907.2	3763185	4.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-07	3.78E-08	1.68E-09	1.14E-09	0.00E+00	0.00E+00	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	CENSUS	29	374018.1	3761062	9.43E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.21E-08	6.89E-09	3.34E-10	5.17E-10	0.00E+00	0.00E+00	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	CENSUS	29	373923	3761058	1.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.78E-08	6.83E-09	3.32E-10	5.27E-10	0.00E+00	0.00E+00	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	CENSUS	35	373820.9	3761065	1.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.59E-08	6.78E-09	3.31E-10	5.40E-10	0.00E+00	0.00E+00	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	CENSUS	47	373706	3761051	1.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-07	6.59E-09	3.24E-10	5.52E-10	0.00E+00	0.00E+00	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	CENSUS	32	373605.3	3761063	1.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	6.49E-09	3.21E-10	5.66E-10	0.00E+00	0.00E+00	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	CENSUS	7	373549.5	3761089	1.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-07	6.57E-09	3.26E-10	5.79E-10	0.00E+00	0.00E+00	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	CENSUS	0	373507	3761025	1.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-07	6.26E-09	3.12E-10	5.70E-10	0.00E+00	0.00E+00	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	CENSUS	8	373475.3	3761070	1.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-07	6.51E-09	3.24E-10	5.87E-10	0.00E+00	0.00E+00	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	CENSUS	14	373533.3	3760999	1.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	6.18E-09	3.08E-10	5.62E-10	0.00E+00	0.00E+00	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	CENSUS	2	373409.9	3761067	1.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-07	6.53E-09	3.26E-10	5.97E-10	0.00E+00	0.00E+00	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	CENSUS	17	373395.3	3761068	1.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-07	6.55E-09	3.27E-10	6.00E-10	0.00E+00	0.00E+00	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	CENSUS	8	373341.4	3761064	1.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-07	6.58E-09	3.29E-10	6.08E-10	0.00E+00	0.00E+00	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	CENSUS	1	372462.7	3765415	8.57E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.95E-08	9.43E-09	4.38E-10	4.93E-10	0.00E+00	0.00E+00	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	CENSUS	0	372420.1	3765502	7.72E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.24E-08	8.57E-09	4.00E-10	4.72E-10	0.00E+00	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	CENSUS	0	372381.5	3765473	7.83E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.33E-08	8.67E-09	4.05E-10	4.79E-10	0.00E+00	0.00E+00	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	CENSUS	0	372325.7	3765515	7.39E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.97E-08	8.18E-09	3.84E-10	4.69E-10	0.00E+00	0.00E+00	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	CENSUS	0	372221.5	3765533	7.07E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-08	7.72E-09	3.64E-10	4.66E-10	0.00E+00	0.00E+00	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	CENSUS	0	372123.8	3765552	6.80E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.52E-08	7.30E-09	3.46E-10	4.63E-10	0.00E+00	0.00E+00	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	CENSUS	52	372049.8	3765430	7.44E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.07E-08	7.85E-09	3.72E-10	4.93E-10	0.00E+00	0.00E+00	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	CENSUS	357	371834.3	3765189	8.87E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.35E-08	8.70E-09	4.13E-10	5.57E-10	0.00E+00	0.00E+00	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	CENSUS	34	371751.7	3765300	7.89E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.54E-08	7.69E-09	3.68E-10	5.25E-10	0.00E+00	0.00E+00	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	CENSUS	38	371719.6	3765252	8.16E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.80E-08	7.73E-09	3.71E-10	5.36E-10	0.00E+00	0.00E+00	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	CENSUS	0	372407	3765342	8.95E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-08	9.82E-09	4.56E-10	5.12E-10	0.00E+00	0.00E+00	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	CENSUS	0	372195.6	3765359	8.18E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.67E-08	8.72E-09	4.10E-10	5.09E-10	0.00E+00	0.00E+00	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	CENSUS	0	372209.9	3765471	7.43E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-08	8.04E-09	3.79E-10	4.81E-10	0.00E+00	0.00E+00	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	CENSUS	0	372318.3	3765472	7.66E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-08	8.44E-09	3.95E-10	4.79E-10	0.00E+00	0.00E+00	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	CENSUS	30	371687.3	3765205	8.44E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.06E-08	7.78E-09	3.74E-10	5.47E-10	0.00E+00	0.00E+00	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	CENSUS	37	371656.4	3765155	8.76E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.37E-08	7.87E-09	3.79E-10	5.59E-10	0.00E+00	0.00E+00	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	CENSUS	0	372554.2	3765547	7.80E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.31E-08	8.64E-09	4.02E-10	4.63E-10	0.00E+00	0.00E+00	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1409	CENSUS	0	372606	3765678	7.07E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.72E-08	7.87E-09	3.68E-10	4.38E-10	0.00E+00	0.00E+00	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	CENSUS	0	372396.9	3765534	7.44E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-08	8.28E-09	3.88E-10	4.65E-10	0.00E+00	0.00E+00	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	CENSUS	0	372360.3	3765572	7.10E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-08	7.92E-09	3.72E-10	4.56E-10	0.00E+00	0.00E+00	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	CENSUS	0	372721.1	3765447	9.32E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.58E-08	1.02E-08	4.71E-10	4.91E-10	0.00E+00	0.00E+00	6.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	CENSUS	0	372799.3	3765492	9.23E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.50E-08	1.02E-08	4.70E-10	4.86E-10	0.00E+00	0.00E+00	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	CENSUS	0	372770.7	3765454	9.50E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.72E-08	1.05E-08	4.81E-10	4.93E-10	0.00E+00	0.00E+00	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	CENSUS	662	371497.6	3764797	1.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	9.58E-09	4.59E-10	6.66E-10	0.00E+00	0.00E+00	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	CENSUS	773	371396.8	3764431	1.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	1.25E-08	5.92E-10	8.05E-10	0.00E+00	0.00E+00	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	CENSUS	166	371309.1	3764308	1.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-07	1.28E-08	6.10E-10	8.46E-10	0.00E+00	0.00E+00	8.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	CENSUS	106	371226.4	3764019	1.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-07	1.39E-08	6.66E-10	9.73E-10	0.00E+00	0.00E+00	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	CENSUS	110	371078.9	3764147	1.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-07	1.16E-08	5.63E-10	8.72E-10	0.00E+00	0.00E+00	7.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	CENSUS	85	371094.6	3764225	1.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-07	1.14E-08	5.49E-10	8.40E-10	0.00E+00	0.00E+00	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	CENSUS	70	371153.4	3764282	1.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-07	1.15E-08	5.55E-10	8.27E-10	0.00E+00	0.00E+00	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	CENSUS	102	371233.9	3764297	1.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-07	1.21E-08	5.82E-10	8.36E-10	0.00E+00	0.00E+00	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	CENSUS	0	372713.9	3765399	9.84E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.01E-08	1.07E-08	4.94E-10	5.03E-10	0.00E+00	0.00E+00	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	CENSUS	0	372586.7	3765375	9.38E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.63E-08	1.03E-08	4.75E-10	5.04E-10	0.00E+00	0.00E+00	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	CENSUS	0	372480.2	3765352	9.14E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.42E-08	1.00E-08	4.65E-10	5.09E-10	0.00E+00	0.00E+00	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	CENSUS	0	372531.9	3765339	9.53E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.76E-08	1.04E-08	4.82E-10	5.13E-10	0.00E+00	0.00E+00	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	CENSUS	0	372642.3	3765257	1.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.40E-08	1.22E-08	5.60E-10	5.41E-10	0.00E+00	0.00E+00	7.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	CENSUS	0	372416.3	3765153	1.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	1.28E-08	5.86E-10	5.86E-10	0.00E+00	0.00E+00	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	CENSUS	0	372217.1	3765220	9.68E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.94E-08	1.01E-08	4.70E-10	5.51E-10	0.00E+00	0.00E+00	6.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	CENSUS	212	372450.8	3764735	3.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	2.94E-08	1.30E-09	8.46E-10	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	CENSUS	0	372036.2	3764782	1.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-07	1.61E-08	7.38E-10	7.43E-10	0.00E+00	0.00E+00	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1432	CENSUS	0	372034.9	3764706	2.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-07	1.78E-08	8.13E-10	7.81E-10	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	CENSUS	62	372915.7	3764767	4.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.41E-07	7.01E-08	3.02E-09	9.76E-10	0.00E+00	0.00E+00	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	CENSUS	65	372537.7	3764939	1.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-07	2.18E-08	9.77E-10	7.21E-10	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	CENSUS	73	372932.7	3764692	5.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.20E-07	1.09E-07	4.66E-09	1.19E-09	0.00E+00	0.00E+00	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	CENSUS	100	373106.8	3764954	3.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	4.66E-08	2.02E-09	8.09E-10	0.00E+00	0.00E+00	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	CENSUS	0	372965.9	3765052	2.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-07	2.60E-08	1.15E-09	6.69E-10	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	CENSUS	0	373142.4	3764462	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.92E-07	2.07E-07	8.82E-09	1.81E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	CENSUS	0	373121.6	3764677	6.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.43E-07	1.39E-07	5.93E-09	1.36E-09	0.00E+00	0.00E+00	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	CENSUS	0	373197.2	3764355	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.48E-07	2.03E-07	8.66E-09	1.88E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	CENSUS	0	373178.1	3764352	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.64E-07	2.08E-07	8.89E-09	1.90E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	CENSUS	0	372846.7	3764410	1.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	3.75E-07	1.60E-08	2.68E-09	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	CENSUS	143	372012	3764401	6.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.40E-07	2.80E-08	1.26E-09	9.62E-10	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	CENSUS	0	371721.1	3764326	3.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-07	1.92E-08	8.84E-10	9.27E-10	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	CENSUS	0	371870.6	3764729	1.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	1.37E-08	6.38E-10	7.28E-10	0.00E+00	0.00E+00	8.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	CENSUS	149	372926.7	3764909	2.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-07	3.79E-08	1.65E-09	7.66E-10	0.00E+00	0.00E+00	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	CENSUS	61	371808.5	3763959	4.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	2.88E-08	1.31E-09	1.22E-09	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	CENSUS	147	371771.9	3764094	3.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-07	2.52E-08	1.15E-09	1.10E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	CENSUS	0	372364.4	3765331	8.90E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.23E-08	9.72E-09	4.52E-10	5.15E-10	0.00E+00	0.00E+00	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	CENSUS	0	372104.9	3765282	8.60E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.04E-08	9.05E-09	4.26E-10	5.32E-10	0.00E+00	0.00E+00	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	CENSUS	0	371894.5	3765089	1.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.44E-08	9.84E-09	4.64E-10	5.90E-10	0.00E+00	0.00E+00	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	CENSUS	0	371846.6	3765019	1.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.06E-08	9.98E-09	4.72E-10	6.10E-10	0.00E+00	0.00E+00	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	CENSUS	0	372067.9	3765218	9.19E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.53E-08	9.59E-09	4.50E-10	5.53E-10	0.00E+00	0.00E+00	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	CENSUS	0	372351.2	3765313	9.03E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.35E-08	9.82E-09	4.57E-10	5.21E-10	0.00E+00	0.00E+00	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	CENSUS	0	371808.9	3764952	1.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.77E-08	1.02E-08	4.84E-10	6.31E-10	0.00E+00	0.00E+00	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	CENSUS	11	371665.4	3764558	1.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-07	1.39E-08	6.52E-10	7.87E-10	0.00E+00	0.00E+00	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	CENSUS	0	371696.2	3764882	1.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	9.98E-09	4.75E-10	6.48E-10	0.00E+00	0.00E+00	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	CENSUS	0	371407.9	3763954	2.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	1.70E-08	8.06E-10	1.07E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	CENSUS	0	371540.5	3764003	2.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	1.94E-08	9.08E-10	1.08E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	CENSUS	0	371584.4	3764105	2.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	1.94E-08	9.01E-10	1.03E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	CENSUS	0	371637.8	3764227	2.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-07	1.89E-08	8.78E-10	9.66E-10	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	CENSUS	0	371179.4	3763767	2.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-07	1.45E-08	7.05E-10	1.11E-09	0.00E+00	0.00E+00	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	CENSUS	0	371475.3	3763853	2.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-07	1.90E-08	8.99E-10	1.16E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	CENSUS	0	371403.4	3763688	2.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-07	1.85E-08	8.85E-10	1.26E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	CENSUS	0	371335.7	3763735	2.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	1.70E-08	8.16E-10	1.19E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	CENSUS	115	371224.4	3763694	2.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-07	1.54E-08	7.49E-10	1.17E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	CENSUS	0	371271.3	3763627	2.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-07	1.64E-08	7.96E-10	1.24E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	CENSUS	0	371316.1	3763579	2.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-07	1.74E-08	8.40E-10	1.29E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	CENSUS	0	371342.9	3763554	2.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-07	1.79E-08	8.67E-10	1.32E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	CENSUS	153	371392.5	3763489	2.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-07	1.91E-08	9.23E-10	1.39E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	CENSUS	250	371449.6	3763636	2.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-07	1.98E-08	9.43E-10	1.32E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	CENSUS	357	371572	3763501	3.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-07	2.34E-08	1.11E-09	1.50E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1473	CENSUS	267	371498.2	3763457	3.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-07	2.16E-08	1.03E-09	1.48E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	CENSUS	103	371503.1	3763332	3.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-07	2.19E-08	1.05E-09	1.57E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	CENSUS	0	371452.8	3763325	2.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-07	2.07E-08	1.00E-09	1.53E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	CENSUS	0	371530.7	3763261	3.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	2.25E-08	1.08E-09	1.63E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	CENSUS	0	371503.4	3763264	2.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	2.19E-08	1.06E-09	1.61E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	CENSUS	0	371545.2	3763238	3.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-07	2.28E-08	1.10E-09	1.65E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	CENSUS	0	371560	3763253	3.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-07	2.32E-08	1.12E-09	1.66E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	CENSUS	536	371659.9	3763977	3.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-07	2.29E-08	1.06E-09	1.14E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	CENSUS	6	371574.4	3764046	2.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	1.98E-08	9.23E-10	1.06E-09	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	CENSUS	28	371626.8	3763778	3.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-07	2.36E-08	1.10E-09	1.29E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	CENSUS	428	371569	3763726	3.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-07	2.22E-08	1.05E-09	1.31E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	CENSUS	45	371610.3	3763757	3.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-07	2.32E-08	1.09E-09	1.30E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1485	CENSUS	277	371558.3	3763797	3.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	2.14E-08	1.01E-09	1.24E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	CENSUS	38	371772.5	3763855	4.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-07	2.84E-08	1.30E-09	1.30E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	CENSUS	136	371586.9	3763605	3.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	2.35E-08	1.11E-09	1.42E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	CENSUS	52	371497.6	3763698	2.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	2.05E-08	9.73E-10	1.30E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	CENSUS	38	371474	3763778	2.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-07	1.95E-08	9.23E-10	1.22E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	CENSUS	196	371506.4	3763830	2.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-07	1.99E-08	9.38E-10	1.19E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	CENSUS	114	372064.5	3762985	4.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.07E-07	3.76E-08	1.78E-09	2.30E-09	0.00E+00	0.00E+00	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	CENSUS	0	371858.3	3762941	3.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-07	2.89E-08	1.39E-09	2.04E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	CENSUS	75	371944.5	3762964	4.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.57E-07	3.24E-08	1.55E-09	2.14E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	CENSUS	40	371655.6	3763154	3.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	2.55E-08	1.22E-09	1.78E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	CENSUS	0	371545.4	3763192	3.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	2.28E-08	1.10E-09	1.67E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	CENSUS	91	371723.4	3763024	3.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.95E-07	2.64E-08	1.27E-09	1.89E-09	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	CENSUS	75	371642	3763086	3.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-07	2.48E-08	1.19E-09	1.80E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	CENSUS	49	372170.8	3762784	4.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	3.82E-08	1.82E-09	2.49E-09	0.00E+00	0.00E+00	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	CENSUS	42	372066.1	3762716	4.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-07	3.30E-08	1.58E-09	2.35E-09	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	CENSUS	83	371725.4	3762937	3.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-07	2.55E-08	1.23E-09	1.91E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	CENSUS	74	371723.3	3762853	3.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-07	2.45E-08	1.19E-09	1.92E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	CENSUS	49	371765.9	3762786	3.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-07	2.46E-08	1.20E-09	1.96E-09	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	CENSUS	96	371889.3	3762689	3.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-07	2.68E-08	1.31E-09	2.11E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	CENSUS	34	371732.8	3762672	3.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	2.29E-08	1.13E-09	1.94E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	CENSUS	436	371767.8	3762483	3.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	2.23E-08	1.11E-09	1.98E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	CENSUS	98	371920	3762493	3.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-07	2.46E-08	1.22E-09	2.13E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	CENSUS	66	371689.4	3762373	2.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-07	1.97E-08	9.90E-10	1.89E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	CENSUS	50	371622.7	3762382	2.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-07	1.89E-08	9.50E-10	1.83E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	CENSUS	392	371401.2	3763193	2.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-07	1.96E-08	9.58E-10	1.56E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	CENSUS	43	371507.6	3762883	2.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	2.06E-08	1.01E-09	1.72E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	CENSUS	308	371301.1	3762783	2.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-07	1.69E-08	8.47E-10	1.58E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	CENSUS	28	371534.9	3762968	2.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-07	2.16E-08	1.06E-09	1.73E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	CENSUS	63	371498.7	3762805	2.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-07	1.99E-08	9.84E-10	1.72E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	CENSUS	62	371481.2	3762724	2.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-07	1.91E-08	9.50E-10	1.72E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	CENSUS	43	370950.8	3763635	1.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-07	1.25E-08	6.18E-10	1.10E-09	0.00E+00	0.00E+00	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	CENSUS	36	371014.3	3763681	1.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-07	1.29E-08	6.38E-10	1.10E-09	0.00E+00	0.00E+00	8.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	CENSUS	39	371112.5	3763729	2.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-07	1.39E-08	6.77E-10	1.11E-09	0.00E+00	0.00E+00	9.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	CENSUS	16	371068	3763710	1.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	1.34E-08	6.58E-10	1.10E-09	0.00E+00	0.00E+00	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	CENSUS	30	371172.8	3763573	2.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-07	1.52E-08	7.42E-10	1.23E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	CENSUS	60	371113.8	3763552	2.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-07	1.45E-08	7.11E-10	1.21E-09	0.00E+00	0.00E+00	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	CENSUS	49	371036.8	3763524	1.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	1.36E-08	6.75E-10	1.19E-09	0.00E+00	0.00E+00	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	CENSUS	42	371052.3	3763404	2.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-07	1.40E-08	6.98E-10	1.26E-09	0.00E+00	0.00E+00	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	CENSUS	52	371133.7	3763394	2.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-07	1.51E-08	7.45E-10	1.30E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	CENSUS	36	371194.8	3763385	2.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	1.59E-08	7.85E-10	1.34E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	CENSUS	127	371269.8	3763366	2.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-07	1.72E-08	8.40E-10	1.39E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	CENSUS	0	373203	3763987	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-06	2.78E-07	1.19E-08	2.87E-09	0.00E+00	0.00E+00	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	CENSUS	0	373195	3764147	1.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-06	2.31E-07	9.85E-09	2.27E-09	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	CENSUS	0	373134.4	3763873	3.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-06	3.43E-07	1.47E-08	3.50E-09	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	CENSUS	0	372896	3763942	3.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-06	5.39E-07	2.30E-08	4.20E-09	0.00E+00	0.00E+00	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	CENSUS	3	372453.4	3763403	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.97E-07	1.03E-07	4.60E-09	3.06E-09	0.00E+00	0.00E+00	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	CENSUS	0	372744.3	3763050	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.10E-07	1.08E-07	4.91E-09	4.60E-09	0.00E+00	0.00E+00	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	CENSUS	0	371869.5	3763199	4.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-07	3.29E-08	1.55E-09	1.97E-09	0.00E+00	0.00E+00	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	CENSUS	0	371777.5	3763439	4.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.49E-07	3.06E-08	1.43E-09	1.71E-09	0.00E+00	0.00E+00	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	CENSUS	0	372348.3	3762361	4.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-07	2.74E-08	1.36E-09	2.48E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	CENSUS	0	372016.6	3763473	5.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.59E-07	4.36E-08	1.99E-09	1.91E-09	0.00E+00	0.00E+00	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	CENSUS	0	371863.5	3763739	4.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	3.42E-08	1.56E-09	1.47E-09	0.00E+00	0.00E+00	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1537	CENSUS	0	372555.4	3762456	4.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.26E-07	3.18E-08	1.57E-09	2.67E-09	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1538	CENSUS	0	371738.5	3763277	3.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-07	2.86E-08	1.36E-09	1.80E-09	0.00E+00	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	CENSUS	0	372637.9	3762622	6.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.37E-07	4.23E-08	2.05E-09	3.16E-09	0.00E+00	0.00E+00	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	CENSUS	0	372440	3762515	4.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.27E-07	3.43E-08	1.68E-09	2.74E-09	0.00E+00	0.00E+00	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	CENSUS	0	373264	3763172	3.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.08E-06	1.66E-07	7.54E-09	6.52E-09	0.00E+00	0.00E+00	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	CENSUS	0	373201.5	3763633	9.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.49E-06	3.28E-06	1.39E-07	2.04E-08	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	CENSUS	0	373315.4	3763250	3.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-06	2.27E-07	1.03E-08	8.91E-09	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	CENSUS	0	373488.4	3762855	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-06	1.18E-07	5.17E-09	2.41E-09	0.00E+00	0.00E+00	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	CENSUS	0	373186.9	3762877	1.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.90E-07	8.04E-08	3.68E-09	3.60E-09	0.00E+00	0.00E+00	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	CENSUS	0	372130.8	3762233	3.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-07	2.23E-08	1.13E-09	2.23E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	CENSUS	0	372145.7	3762269	3.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-07	2.32E-08	1.17E-09	2.27E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	CENSUS	0	372250.9	3762215	3.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-07	2.21E-08	1.12E-09	2.27E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	CENSUS	0	372302.1	3762158	3.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	2.11E-08	1.08E-09	2.22E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	CENSUS	0	372423.9	3762256	3.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	2.37E-08	1.20E-09	2.34E-09	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	CENSUS	0	372491.9	3762335	4.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-07	2.71E-08	1.35E-09	2.47E-09	0.00E+00	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	CENSUS	0	372484.4	3762195	3.61E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.19E-07	2.27E-08	1.15E-09	2.23E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	CENSUS	0	372277.1	3762066	2.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-07	1.95E-08	9.99E-10	2.11E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	CENSUS	0	372609.1	3762180	3.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.48E-07	2.36E-08	1.17E-09	2.12E-09	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	CENSUS	0	372499.4	3761945	2.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	1.79E-08	9.10E-10	1.82E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	CENSUS	43	372554.3	3761698	2.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	1.41E-08	7.13E-10	1.42E-09	0.00E+00	0.00E+00	9.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	CENSUS	22	372587.9	3761646	2.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-07	1.33E-08	6.73E-10	1.32E-09	0.00E+00	0.00E+00	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	CENSUS	0	371787.5	3762277	2.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-07	1.97E-08	9.95E-10	1.97E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	CENSUS	0	372011.2	3762250	2.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	2.15E-08	1.09E-09	2.15E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	CENSUS	0	372110.8	3762201	3.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-07	2.15E-08	1.09E-09	2.20E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	CENSUS	0	372079	3762152	2.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-07	2.03E-08	1.04E-09	2.14E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	CENSUS	0	371889.5	3762182	2.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-07	1.98E-08	1.01E-09	2.03E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	CENSUS	0	372189.8	3762150	3.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-07	2.07E-08	1.06E-09	2.19E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	CENSUS	0	372163.3	3762086	2.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	1.94E-08	9.96E-10	2.12E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	CENSUS	0	371579	3763282	3.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-07	2.38E-08	1.14E-09	1.66E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	CENSUS	0	371568.5	3763224	3.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-07	2.34E-08	1.13E-09	1.68E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	CENSUS	2	374048.7	3761577	2.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-07	1.04E-08	4.96E-10	6.69E-10	0.00E+00	0.00E+00	6.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	CENSUS	62	373840.9	3761613	2.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-07	1.09E-08	5.20E-10	7.07E-10	0.00E+00	0.00E+00	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	CENSUS	54	373834	3761527	2.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	9.99E-09	4.77E-10	6.69E-10	0.00E+00	0.00E+00	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	CENSUS	41	373835.1	3761578	2.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-07	1.06E-08	5.04E-10	6.94E-10	0.00E+00	0.00E+00	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	CENSUS	137	373528.3	3761578	2.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-07	1.03E-08	4.97E-10	7.32E-10	0.00E+00	0.00E+00	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	CENSUS	47	373474.8	3761318	1.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-07	8.03E-09	3.94E-10	6.55E-10	0.00E+00	0.00E+00	5.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	CENSUS	78	373583.8	3761536	2.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-07	9.93E-09	4.78E-10	7.08E-10	0.00E+00	0.00E+00	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	CENSUS	35	373421.2	3761514	2.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-07	9.65E-09	4.68E-10	7.27E-10	0.00E+00	0.00E+00	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	CENSUS	0	374031.5	3761498	1.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-07	9.70E-09	4.62E-10	6.36E-10	0.00E+00	0.00E+00	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	CENSUS	48	373828.6	3761427	1.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-07	9.07E-09	4.35E-10	6.33E-10	0.00E+00	0.00E+00	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	CENSUS	44	373661.4	3761427	1.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.77E-07	8.88E-09	4.29E-10	6.56E-10	0.00E+00	0.00E+00	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	CENSUS	59	373834.5	3761476	2.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	9.52E-09	4.55E-10	6.50E-10	0.00E+00	0.00E+00	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	CENSUS	83	373845.9	3761309	1.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	8.20E-09	3.95E-10	5.96E-10	0.00E+00	0.00E+00	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	CENSUS	79	373954.5	3761358	1.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-07	8.59E-09	4.12E-10	5.97E-10	0.00E+00	0.00E+00	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	CENSUS	46	374012.2	3761343	1.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	8.49E-09	4.07E-10	5.86E-10	0.00E+00	0.00E+00	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	CENSUS	170	374185.3	3761303	1.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	8.12E-09	3.89E-10	5.59E-10	0.00E+00	0.00E+00	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	CENSUS	72	374044.9	3761241	1.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-07	7.89E-09	3.79E-10	5.57E-10	0.00E+00	0.00E+00	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	CENSUS	31	374109.4	3761180	1.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.02E-08	7.51E-09	3.61E-10	5.36E-10	0.00E+00	0.00E+00	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	CENSUS	31	373792	3761321	1.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-07	8.24E-09	3.98E-10	6.07E-10	0.00E+00	0.00E+00	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	CENSUS	51	373710	3761330	1.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-07	8.15E-09	3.95E-10	6.19E-10	0.00E+00	0.00E+00	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	CENSUS	115	373568.5	3761313	1.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-07	7.89E-09	3.86E-10	6.34E-10	0.00E+00	0.00E+00	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	CENSUS	47	373653.8	3761187	1.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-07	7.17E-09	3.51E-10	5.88E-10	0.00E+00	0.00E+00	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	CENSUS	39	373741.8	3761172	1.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	7.24E-09	3.53E-10	5.75E-10	0.00E+00	0.00E+00	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	CENSUS	40	373836.2	3761173	1.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-07	7.40E-09	3.59E-10	5.64E-10	0.00E+00	0.00E+00	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1591	CENSUS	22	373920.4	3761168	1.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-07	7.45E-09	3.60E-10	5.53E-10	0.00E+00	0.00E+00	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	CENSUS	42	373258.2	3761758	3.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-07	1.38E-08	6.54E-10	8.92E-10	0.00E+00	0.00E+00	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	CENSUS	54	373072.6	3761776	2.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-07	1.48E-08	7.07E-10	9.99E-10	0.00E+00	0.00E+00	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	CENSUS	53	372885.6	3761825	2.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	1.58E-08	7.66E-10	1.19E-09	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	CENSUS	43	372872.9	3761778	2.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-07	1.49E-08	7.26E-10	1.16E-09	0.00E+00	0.00E+00	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	CENSUS	0	372861.9	3761743	2.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-07	1.43E-08	7.00E-10	1.14E-09	0.00E+00	0.00E+00	9.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	CENSUS	0	372850.1	3761725	2.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-07	1.41E-08	6.89E-10	1.13E-09	0.00E+00	0.00E+00	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	CENSUS	0	372729.8	3761767	2.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-07	1.49E-08	7.37E-10	1.30E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	CENSUS	74	372652.8	3761605	2.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-07	1.27E-08	6.36E-10	1.21E-09	0.00E+00	0.00E+00	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	CENSUS	67	372734	3761573	2.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-07	1.21E-08	6.04E-10	1.11E-09	0.00E+00	0.00E+00	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1601	CENSUS	69	372815.1	3761541	2.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-07	1.15E-08	5.72E-10	1.01E-09	0.00E+00	0.00E+00	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	CENSUS	91	372897	3761512	2.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-07	1.10E-08	5.43E-10	9.33E-10	0.00E+00	0.00E+00	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	CENSUS	0	372970.4	3761685	2.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-07	1.33E-08	6.44E-10	1.00E-09	0.00E+00	0.00E+00	8.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	CENSUS	0	373052.6	3761693	2.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-07	1.32E-08	6.37E-10	9.52E-10	0.00E+00	0.00E+00	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	CENSUS	45	373066.1	3761727	2.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.54E-07	1.38E-08	6.63E-10	9.67E-10	0.00E+00	0.00E+00	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	CENSUS	34	373246.8	3761709	2.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	1.28E-08	6.14E-10	8.67E-10	0.00E+00	0.00E+00	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	CENSUS	0	373244	3761673	2.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-07	1.22E-08	5.87E-10	8.49E-10	0.00E+00	0.00E+00	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	CENSUS	62	373343.5	3761485	2.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-07	9.51E-09	4.62E-10	7.35E-10	0.00E+00	0.00E+00	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	CENSUS	0	373088.2	3761665	2.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-07	1.26E-08	6.09E-10	9.14E-10	0.00E+00	0.00E+00	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	CENSUS	75	373060.4	3761461	2.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-07	1.00E-08	4.91E-10	8.18E-10	0.00E+00	0.00E+00	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	CENSUS	74	372974.7	3761475	2.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-07	1.04E-08	5.10E-10	8.66E-10	0.00E+00	0.00E+00	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	CENSUS	37	372952	3761211	1.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	8.11E-09	4.06E-10	7.54E-10	0.00E+00	0.00E+00	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	CENSUS	96	373118.1	3761366	1.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	8.96E-09	4.41E-10	7.56E-10	0.00E+00	0.00E+00	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	CENSUS	108	373224.1	3761410	1.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-07	9.12E-09	4.47E-10	7.41E-10	0.00E+00	0.00E+00	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	CENSUS	86	373225	3761237	1.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	7.71E-09	3.82E-10	6.80E-10	0.00E+00	0.00E+00	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	CENSUS	28	373336.8	3761225	1.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-07	7.46E-09	3.69E-10	6.52E-10	0.00E+00	0.00E+00	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	CENSUS	20	373243.2	3761083	1.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-07	6.73E-09	3.37E-10	6.30E-10	0.00E+00	0.00E+00	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	CENSUS	0	373397.8	3761251	1.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-07	7.66E-09	3.78E-10	6.50E-10	0.00E+00	0.00E+00	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	CENSUS	0	373389.9	3761536	2.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	9.92E-09	4.80E-10	7.43E-10	0.00E+00	0.00E+00	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	CENSUS	0	373806.4	3762792	2.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-06	2.32E-07	9.95E-09	2.75E-09	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	CENSUS	0	373776.3	3762227	8.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.25E-07	2.27E-08	1.05E-09	1.10E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	CENSUS	0	373541.6	3762779	1.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-06	9.17E-08	4.02E-09	2.03E-09	0.00E+00	0.00E+00	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	CENSUS	0	373680	3761753	3.29E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.07E-07	1.26E-08	5.97E-10	7.87E-10	0.00E+00	0.00E+00	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	CENSUS	92	373586.7	3762287	8.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.88E-07	2.74E-08	1.24E-09	1.12E-09	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	CENSUS	0	373795.8	3761660	2.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-07	1.14E-08	5.42E-10	7.31E-10	0.00E+00	0.00E+00	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	CENSUS	0	373958.2	3761761	3.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.35E-07	1.25E-08	5.89E-10	7.59E-10	0.00E+00	0.00E+00	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	CENSUS	268	372744.8	3762654	6.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.70E-07	4.32E-08	2.08E-09	3.08E-09	0.00E+00	0.00E+00	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	CENSUS	72	372878.3	3762348	5.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.74E-07	3.24E-08	1.55E-09	2.17E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	CENSUS	28	372704.9	3762004	3.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.03E-07	1.95E-08	9.64E-10	1.67E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	CENSUS	83	373329.2	3762331	6.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.55E-07	3.67E-08	1.67E-09	1.54E-09	0.00E+00	0.00E+00	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	CENSUS	71	373125.3	3762591	6.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.86E-07	5.05E-08	2.32E-09	2.32E-09	0.00E+00	0.00E+00	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	CENSUS	52	373458	3761952	4.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	1.76E-08	8.21E-10	9.57E-10	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	CENSUS	82	372967.4	3762355	5.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.95E-07	3.40E-08	1.60E-09	2.01E-09	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	CENSUS	0	372636.2	3762517	5.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.50E-07	3.36E-08	1.65E-09	2.73E-09	0.00E+00	0.00E+00	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	CENSUS	124	373423	3762314	6.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.95E-07	3.51E-08	1.60E-09	1.45E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	CENSUS	75	372792.4	3762301	4.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.34E-07	2.92E-08	1.41E-09	2.16E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	CENSUS	0	373438.6	3761718	2.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-07	1.20E-08	5.72E-10	8.02E-10	0.00E+00	0.00E+00	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	CENSUS	0	373962.6	3761664	2.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-07	1.13E-08	5.37E-10	7.11E-10	0.00E+00	0.00E+00	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	CENSUS	0	374084.4	3761657	2.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-07	1.11E-08	5.27E-10	6.95E-10	0.00E+00	0.00E+00	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	CENSUS	0	373474.7	3761726	2.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	1.20E-08	5.71E-10	7.96E-10	0.00E+00	0.00E+00	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	CENSUS	82	373080.3	3761968	3.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.45E-07	1.95E-08	9.19E-10	1.16E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	CENSUS	96	373146.3	3762338	5.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.10E-07	3.62E-08	1.67E-09	1.79E-09	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	CENSUS	88	373237	3762333	5.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.24E-07	3.66E-08	1.68E-09	1.63E-09	0.00E+00	0.00E+00	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1644	CENSUS	89	373172.7	3761953	3.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-07	1.89E-08	8.84E-10	1.07E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	CENSUS	69	373266	3761939	3.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.67E-07	1.83E-08	8.56E-10	1.02E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	CENSUS	71	373359.3	3761926	4.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.80E-07	1.75E-08	8.17E-10	9.69E-10	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	CENSUS	71	373056.6	3762343	5.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.03E-07	3.51E-08	1.63E-09	1.87E-09	0.00E+00	0.00E+00	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	CENSUS	61	372989.5	3761990	3.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.39E-07	2.01E-08	9.52E-10	1.27E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	CENSUS	33	372927.9	3762084	4.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-07	2.26E-08	1.08E-09	1.47E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	CENSUS	45	372845.8	3761986	3.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-07	1.94E-08	9.38E-10	1.44E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	CENSUS	16	372765.4	3761940	3.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-07	1.82E-08	8.93E-10	1.48E-09	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	CENSUS	0	372733.5	3761882	2.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-07	1.69E-08	8.33E-10	1.44E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	CENSUS	0	374865.4	3763128	4.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-07	3.18E-08	1.42E-09	1.00E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	CENSUS	21	374725.5	3762580	4.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.35E-07	8.78E-09	4.21E-10	6.12E-10	0.00E+00	0.00E+00	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	CENSUS	0	374705.7	3762798	5.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.14E-07	1.21E-08	5.65E-10	6.88E-10	0.00E+00	0.00E+00	7.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	CENSUS	10	374854.6	3762458	2.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-07	8.32E-09	3.98E-10	5.70E-10	0.00E+00	0.00E+00	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	CENSUS	49	374850.6	3762610	3.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.33E-07	7.50E-09	3.64E-10	5.72E-10	0.00E+00	0.00E+00	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	CENSUS	80	375211.5	3763031	2.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-07	1.17E-08	5.48E-10	6.61E-10	0.00E+00	0.00E+00	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	CENSUS	61	375245.9	3763112	2.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-07	1.38E-08	6.40E-10	7.18E-10	0.00E+00	0.00E+00	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	CENSUS	34	375299.2	3763191	2.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.60E-07	1.61E-08	7.41E-10	7.82E-10	0.00E+00	0.00E+00	9.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	CENSUS	37	375253.3	3763277	2.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.59E-07	2.04E-08	9.33E-10	8.91E-10	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	CENSUS	77	375135	3762933	2.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-07	9.85E-09	4.66E-10	6.12E-10	0.00E+00	0.00E+00	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	CENSUS	64	375057.8	3762874	2.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-07	8.81E-09	4.21E-10	5.93E-10	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	CENSUS	68	374996.8	3762805	2.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-07	7.81E-09	3.77E-10	5.74E-10	0.00E+00	0.00E+00	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1665	CENSUS	54	374949.6	3762729	3.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-07	7.23E-09	3.52E-10	5.61E-10	0.00E+00	0.00E+00	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	CENSUS	49	374944.8	3762629	3.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-07	7.18E-09	3.49E-10	5.53E-10	0.00E+00	0.00E+00	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	CENSUS	0	374634.1	3762678	5.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.31E-07	1.09E-08	5.18E-10	6.86E-10	0.00E+00	0.00E+00	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	CENSUS	25	375310.7	3762916	2.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-07	9.19E-09	4.36E-10	5.83E-10	0.00E+00	0.00E+00	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	CENSUS	43	375367.7	3762792	2.19E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-07	7.64E-09	3.67E-10	5.37E-10	0.00E+00	0.00E+00	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	CENSUS	20	375300.7	3762759	2.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-07	7.55E-09	3.63E-10	5.37E-10	0.00E+00	0.00E+00	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	CENSUS	144	375455.4	3762540	1.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-07	5.86E-09	2.89E-10	5.02E-10	0.00E+00	0.00E+00	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	CENSUS	38	375353.3	3762580	1.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-07	6.43E-09	3.15E-10	5.27E-10	0.00E+00	0.00E+00	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	CENSUS	69	375241.4	3762590	2.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-07	6.75E-09	3.28E-10	5.20E-10	0.00E+00	0.00E+00	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	CENSUS	162	375327.6	3762408	1.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-07	6.08E-09	3.00E-10	5.12E-10	0.00E+00	0.00E+00	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	CENSUS	60	375348.5	3762306	1.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-07	6.01E-09	2.96E-10	5.07E-10	0.00E+00	0.00E+00	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	CENSUS	51	375017.4	3762454	2.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-07	7.82E-09	3.75E-10	5.46E-10	0.00E+00	0.00E+00	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	CENSUS	146	375236.2	3762327	1.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-07	6.70E-09	3.27E-10	5.29E-10	0.00E+00	0.00E+00	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	CENSUS	0	375238.8	3761939	8.57E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.37E-08	6.78E-09	3.28E-10	5.00E-10	0.00E+00	0.00E+00	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	CENSUS	24	375342.7	3761939	7.81E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.70E-08	6.26E-09	3.04E-10	4.74E-10	0.00E+00	0.00E+00	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	CENSUS	2	375252.8	3761961	8.64E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.44E-08	6.76E-09	3.27E-10	5.00E-10	0.00E+00	0.00E+00	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	CENSUS	210	375140.5	3762234	1.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-07	7.66E-09	3.68E-10	5.44E-10	0.00E+00	0.00E+00	4.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	CENSUS	85	375154.8	3762148	1.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-07	7.64E-09	3.70E-10	5.67E-10	0.00E+00	0.00E+00	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	CENSUS	57	375072.8	3761852	9.09E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.77E-08	7.40E-09	3.61E-10	5.83E-10	0.00E+00	0.00E+00	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	CENSUS	55	375122.1	3761985	9.92E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.56E-08	7.64E-09	3.71E-10	5.84E-10	0.00E+00	0.00E+00	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	CENSUS	52	375121.6	3762088	1.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.53E-08	7.85E-09	3.78E-10	5.70E-10	0.00E+00	0.00E+00	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	CENSUS	21	375207	3761815	7.97E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.77E-08	6.71E-09	3.27E-10	5.20E-10	0.00E+00	0.00E+00	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	CENSUS	0	374590.5	3762620	6.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.91E-07	1.17E-08	5.51E-10	7.03E-10	0.00E+00	0.00E+00	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	CENSUS	64	374577.8	3762514	7.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.49E-07	1.15E-08	5.42E-10	6.98E-10	0.00E+00	0.00E+00	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	CENSUS	37	374637	3762371	4.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-07	1.03E-08	4.86E-10	6.52E-10	0.00E+00	0.00E+00	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	CENSUS	123	374906.6	3762064	1.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	8.52E-09	4.06E-10	5.56E-10	0.00E+00	0.00E+00	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	CENSUS	74	374966	3762166	1.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-07	8.54E-09	4.05E-10	5.44E-10	0.00E+00	0.00E+00	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	CENSUS	325	374728	3761965	1.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-07	9.32E-09	4.47E-10	6.52E-10	0.00E+00	0.00E+00	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	CENSUS	28	374645	3762041	1.89E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-07	9.59E-09	4.57E-10	6.38E-10	0.00E+00	0.00E+00	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	CENSUS	0	374773	3761992	1.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-07	9.40E-09	4.53E-10	6.81E-10	0.00E+00	0.00E+00	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	CENSUS	72	374677.8	3762218	2.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-07	1.06E-08	5.01E-10	6.46E-10	0.00E+00	0.00E+00	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	CENSUS	28	374611.6	3762288	4.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.90E-07	1.10E-08	5.20E-10	6.71E-10	0.00E+00	0.00E+00	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1697	CENSUS	0	374413.2	3762529	1.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-06	1.77E-08	8.14E-10	8.46E-10	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	CENSUS	350	374193.3	3762156	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	1.81E-08	8.35E-10	8.96E-10	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	CENSUS	112	374691.6	3761662	1.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.86E-08	8.27E-09	4.03E-10	6.49E-10	0.00E+00	0.00E+00	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	CENSUS	23	374761.6	3761594	9.88E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.52E-08	7.57E-09	3.71E-10	6.14E-10	0.00E+00	0.00E+00	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	CENSUS	74	374624.3	3761489	1.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.10E-08	7.81E-09	3.76E-10	5.57E-10	0.00E+00	0.00E+00	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	CENSUS	34	374605.6	3761353	8.98E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.71E-08	7.16E-09	3.45E-10	5.14E-10	0.00E+00	0.00E+00	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	CENSUS	83	374515.1	3761531	1.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-07	8.26E-09	3.95E-10	5.61E-10	0.00E+00	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	CENSUS	0	374440.8	3761452	1.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.47E-08	7.94E-09	3.80E-10	5.45E-10	0.00E+00	0.00E+00	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	CENSUS	137	374317.4	3761468	1.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-07	8.76E-09	4.18E-10	5.81E-10	0.00E+00	0.00E+00	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	CENSUS	123	374273.3	3761382	1.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-07	8.41E-09	4.02E-10	5.69E-10	0.00E+00	0.00E+00	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	CENSUS	48	374309.3	3761171	8.99E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.72E-08	7.15E-09	3.44E-10	5.11E-10	0.00E+00	0.00E+00	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	CENSUS	10	374993.8	3761699	8.78E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.53E-08	6.94E-09	3.41E-10	5.80E-10	0.00E+00	0.00E+00	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	CENSUS	23	374935.9	3761602	8.66E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.43E-08	6.74E-09	3.33E-10	5.81E-10	0.00E+00	0.00E+00	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	CENSUS	31	374883.6	3761611	9.11E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.84E-08	6.99E-09	3.45E-10	6.03E-10	0.00E+00	0.00E+00	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	CENSUS	8	374833.3	3761616	9.43E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.12E-08	7.24E-09	3.56E-10	6.03E-10	0.00E+00	0.00E+00	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	CENSUS	14	374818.7	3761527	8.98E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.71E-08	7.05E-09	3.48E-10	5.97E-10	0.00E+00	0.00E+00	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	CENSUS	41	374865.7	3761513	8.57E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.34E-08	6.77E-09	3.35E-10	5.87E-10	0.00E+00	0.00E+00	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	CENSUS	52	374917.9	3761502	8.20E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.01E-08	6.51E-09	3.23E-10	5.81E-10	0.00E+00	0.00E+00	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	CENSUS	42	375011.8	3761596	8.09E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.93E-08	6.45E-09	3.18E-10	5.49E-10	0.00E+00	0.00E+00	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	CENSUS	12	374799.4	3761431	8.64E-08	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.39E-08	6.92E-09	3.41E-10	5.85E-10	0.00E+00	0.00E+00	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	PROPERTY		373878.3	3763644	2.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	3.63E-07	1.74E-08	2.47E-08	0.00E+00	0.00E+00	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	PROPERTY		373970.5	3763624	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-06	2.87E-07	1.34E-08	1.64E-08	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	PROPERTY		374064.3	3763658	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.90E-07	2.22E-07	1.05E-08	1.36E-08	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	PROPERTY		374104.6	3763597	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.14E-07	2.04E-07	9.28E-09	8.26E-09	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	PROPERTY		374149.7	3763551	1.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.69E-07	2.04E-07	9.04E-09	5.84E-09	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	PROPERTY		374116.7	3763467	1.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.45E-07	2.37E-07	1.03E-08	4.47E-09	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	PROPERTY		374142.8	3763403	1.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.13E-07	2.54E-07	1.09E-08	3.53E-09	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	PROPERTY		374142.2	3763307	1.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.37E-07	2.82E-07	1.21E-08	2.99E-09	0.00E+00	0.00E+00	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	PROPERTY		374140	3763207	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.19E-07	2.91E-07	1.24E-08	2.69E-09	0.00E+00	0.00E+00	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	PROPERTY		374184.9	3763187	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.89E-07	2.50E-07	1.07E-08	2.39E-09	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	PROPERTY		374255.8	3763140	9.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.52E-07	1.85E-07	7.90E-09	1.93E-09	0.00E+00	0.00E+00	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	PROPERTY		374255.9	3763058	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.77E-07	1.40E-07	6.02E-09	1.64E-09	0.00E+00	0.00E+00	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1729	PROPERTY		374303.9	3763049	2.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	1.00E-07	4.32E-09	1.39E-09	0.00E+00	0.00E+00	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	PROPERTY		374350.8	3763006	6.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.00E-07	5.44E-08	2.38E-09	1.11E-09	0.00E+00	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	PROPERTY		374338.8	3762922	9.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.04E-07	2.93E-08	1.31E-09	9.64E-10	0.00E+00	0.00E+00	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	PROPERTY		374390.8	3762908	6.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.74E-07	2.24E-08	1.02E-09	8.82E-10	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	PROPERTY		374432	3762848	1.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	1.66E-08	7.68E-10	8.22E-10	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	PROPERTY		374466.4	3762754	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.00E-06	1.36E-08	6.36E-10	7.71E-10	0.00E+00	0.00E+00	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	PROPERTY		374500.8	3762660	8.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.85E-07	1.37E-08	6.41E-10	7.66E-10	0.00E+00	0.00E+00	8.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	PROPERTY		374509.2	3762571	7.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.62E-07	1.28E-08	6.01E-10	7.45E-10	0.00E+00	0.00E+00	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	PROPERTY		374507.2	3762488	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	1.35E-08	6.32E-10	7.52E-10	0.00E+00	0.00E+00	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	PROPERTY		374485.3	3762391	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	1.46E-08	6.78E-10	7.75E-10	0.00E+00	0.00E+00	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	PROPERTY		374481	3762291	1.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.00E-06	1.44E-08	6.73E-10	8.06E-10	0.00E+00	0.00E+00	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	PROPERTY		374481.6	3762191	8.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.47E-07	1.36E-08	6.41E-10	8.38E-10	0.00E+00	0.00E+00	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	PROPERTY		374496.6	3762092	6.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-07	1.23E-08	5.84E-10	7.72E-10	0.00E+00	0.00E+00	7.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	PROPERTY		374507.3	3761993	3.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-07	1.13E-08	5.37E-10	7.18E-10	0.00E+00	0.00E+00	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	PROPERTY		374508	3761893	2.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-07	1.05E-08	4.98E-10	6.70E-10	0.00E+00	0.00E+00	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	PROPERTY		374492.3	3761807	2.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-07	9.99E-09	4.74E-10	6.40E-10	0.00E+00	0.00E+00	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	PROPERTY		374402.7	3761799	2.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-07	1.05E-08	4.96E-10	6.47E-10	0.00E+00	0.00E+00	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	PROPERTY		374333	3761769	3.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-07	1.07E-08	5.06E-10	6.53E-10	0.00E+00	0.00E+00	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	PROPERTY		374256.6	3761794	4.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.94E-07	1.16E-08	5.45E-10	6.88E-10	0.00E+00	0.00E+00	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	PROPERTY		374212.3	3761849	4.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.43E-07	1.25E-08	5.85E-10	7.21E-10	0.00E+00	0.00E+00	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	PROPERTY		374112.3	3761852	4.53E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.30E-07	1.34E-08	6.28E-10	7.78E-10	0.00E+00	0.00E+00	8.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1750	PROPERTY		374128.9	3761865	4.72E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.49E-07	1.34E-08	6.31E-10	7.76E-10	0.00E+00	0.00E+00	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	PROPERTY		374156.7	3761936	5.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.69E-07	1.45E-08	6.78E-10	8.13E-10	0.00E+00	0.00E+00	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	PROPERTY		374156.7	3762036	8.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.99E-07	1.64E-08	7.63E-10	8.83E-10	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	PROPERTY		374156.8	3762136	9.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.56E-07	1.85E-08	8.56E-10	9.46E-10	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	PROPERTY		374156.8	3762236	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	2.11E-08	9.73E-10	1.04E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	PROPERTY		374070.2	3762223	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.88E-07	2.14E-08	9.86E-10	1.03E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	PROPERTY		373982.1	3762247	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-06	2.27E-08	1.05E-09	1.12E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	PROPERTY		373919.4	3762187	8.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.45E-07	2.06E-08	9.51E-10	1.02E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	PROPERTY		373887.7	3762093	6.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.35E-07	1.84E-08	8.55E-10	9.88E-10	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	PROPERTY		373815.8	3762029	5.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.33E-07	1.71E-08	7.99E-10	9.50E-10	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	PROPERTY		373715.9	3762024	5.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.39E-07	1.66E-08	7.76E-10	9.03E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	PROPERTY		373700.9	3761935	4.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-07	1.53E-08	7.14E-10	8.67E-10	0.00E+00	0.00E+00	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	PROPERTY		373682.9	3761849	3.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.60E-07	1.40E-08	6.61E-10	8.34E-10	0.00E+00	0.00E+00	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	PROPERTY		373582.9	3761849	3.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.32E-07	1.36E-08	6.40E-10	8.24E-10	0.00E+00	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	PROPERTY		373543.8	3761893	3.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-07	1.45E-08	6.84E-10	8.55E-10	0.00E+00	0.00E+00	9.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	PROPERTY		373575.2	3761988	5.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.28E-07	1.68E-08	7.82E-10	9.09E-10	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	PROPERTY		373595	3762086	5.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.55E-07	1.94E-08	8.98E-10	9.73E-10	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	PROPERTY		373605.1	3762185	8.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.22E-07	2.34E-08	1.08E-09	1.08E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	PROPERTY		373606.5	3762285	8.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.90E-07	2.67E-08	1.22E-09	1.11E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	PROPERTY		373595.3	3762384	8.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.70E-07	3.30E-08	1.49E-09	1.21E-09	0.00E+00	0.00E+00	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	PROPERTY		373583.5	3762484	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.98E-07	4.17E-08	1.86E-09	1.33E-09	0.00E+00	0.00E+00	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	PROPERTY		373571.6	3762583	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	5.38E-08	2.39E-09	1.49E-09	0.00E+00	0.00E+00	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	PROPERTY		373559.7	3762682	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	6.96E-08	3.07E-09	1.72E-09	0.00E+00	0.00E+00	3.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	PROPERTY		373547.8	3762782	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-06	9.28E-08	4.06E-09	2.03E-09	0.00E+00	0.00E+00	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	PROPERTY		373475.8	3762792	1.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	9.62E-08	4.22E-09	2.20E-09	0.00E+00	0.00E+00	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	PROPERTY		373378.9	3762767	9.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.60E-07	7.90E-08	3.51E-09	2.27E-09	0.00E+00	0.00E+00	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	PROPERTY		373281.1	3762746	8.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.55E-07	6.74E-08	3.03E-09	2.37E-09	0.00E+00	0.00E+00	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	PROPERTY		373182.6	3762730	8.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.60E-07	6.28E-08	2.87E-09	2.67E-09	0.00E+00	0.00E+00	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	PROPERTY		373082.8	3762735	8.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.97E-07	6.07E-08	2.82E-09	3.18E-09	0.00E+00	0.00E+00	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	PROPERTY		372983.3	3762744	8.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.21E-07	5.95E-08	2.82E-09	3.71E-09	0.00E+00	0.00E+00	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	PROPERTY		372922.5	3762766	8.38E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.39E-07	5.66E-08	2.67E-09	3.42E-09	0.00E+00	0.00E+00	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	PROPERTY		372998.6	3762831	9.79E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.58E-07	6.98E-08	3.27E-09	4.00E-09	0.00E+00	0.00E+00	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	PROPERTY		373074.6	3762896	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.99E-07	8.40E-08	3.90E-09	4.40E-09	0.00E+00	0.00E+00	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	PROPERTY		373050.9	3762933	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	8.80E-08	4.11E-09	4.84E-09	0.00E+00	0.00E+00	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	PROPERTY		372952.4	3762950	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.33E-07	8.24E-08	3.88E-09	4.98E-09	0.00E+00	0.00E+00	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	PROPERTY		372853.8	3762967	1.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.60E-07	8.06E-08	3.80E-09	4.84E-09	0.00E+00	0.00E+00	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	PROPERTY		372817.6	3763003	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.68E-07	8.87E-08	4.14E-09	4.83E-09	0.00E+00	0.00E+00	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	PROPERTY		372855.3	3763071	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-06	1.09E-07	5.00E-09	5.19E-09	0.00E+00	0.00E+00	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	PROPERTY		372791.7	3763148	1.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	1.63E-07	7.25E-09	5.09E-09	0.00E+00	0.00E+00	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	PROPERTY		372728.1	3763226	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	2.04E-07	8.97E-09	5.01E-09	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	PROPERTY		372658.3	3763242	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	1.63E-07	7.21E-09	4.59E-09	0.00E+00	0.00E+00	9.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	PROPERTY		372579.3	3763181	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.26E-07	1.14E-07	5.15E-09	4.08E-09	0.00E+00	0.00E+00	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	PROPERTY		372500.1	3763120	8.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.46E-07	8.71E-08	3.98E-09	3.79E-09	0.00E+00	0.00E+00	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Results Cancer 2019 Scenario by Receptor: Cancer risk

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1793	PROPERTY		372548.6	3763057	8.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.31E-07	8.35E-08	3.80E-09	3.44E-09	0.00E+00	0.00E+00	4.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	PROPERTY		372573.5	3763016	8.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-07	8.14E-08	3.72E-09	3.52E-09	0.00E+00	0.00E+00	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	PROPERTY		372475.1	3763034	7.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.61E-07	7.15E-08	3.27E-09	3.20E-09	0.00E+00	0.00E+00	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	PROPERTY		372376.6	3763051	7.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.16E-07	6.66E-08	3.09E-09	3.44E-09	0.00E+00	0.00E+00	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	PROPERTY		372278.1	3763069	6.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.74E-07	5.70E-08	2.65E-09	3.00E-09	0.00E+00	0.00E+00	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	PROPERTY		372179.7	3763086	5.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.66E-07	4.58E-08	2.13E-09	2.43E-09	0.00E+00	0.00E+00	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	PROPERTY		372156.1	3763161	5.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.71E-07	4.69E-08	2.17E-09	2.36E-09	0.00E+00	0.00E+00	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	PROPERTY		372157	3763261	6.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.58E-07	5.42E-08	2.49E-09	2.49E-09	0.00E+00	0.00E+00	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	PROPERTY		372151.8	3763361	6.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.48E-07	5.41E-08	2.46E-09	2.25E-09	0.00E+00	0.00E+00	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	PROPERTY		372145.4	3763461	6.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.32E-07	5.37E-08	2.43E-09	2.08E-09	0.00E+00	0.00E+00	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1803	PROPERTY		372139	3763561	6.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.68E-07	5.52E-08	2.48E-09	1.94E-09	0.00E+00	0.00E+00	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	PROPERTY		372132.6	3763661	7.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-07	5.60E-08	2.50E-09	1.80E-09	0.00E+00	0.00E+00	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	PROPERTY		372108.8	3763756	7.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.60E-07	5.40E-08	2.41E-09	1.65E-09	0.00E+00	0.00E+00	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	PROPERTY		372040.7	3763829	6.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.16E-07	4.68E-08	2.09E-09	1.50E-09	0.00E+00	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	PROPERTY		371970.3	3763900	5.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-07	3.98E-08	1.79E-09	1.37E-09	0.00E+00	0.00E+00	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	PROPERTY		371894.1	3763964	5.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.74E-07	3.34E-08	1.51E-09	1.26E-09	0.00E+00	0.00E+00	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	PROPERTY		371869.3	3764039	4.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.43E-07	3.08E-08	1.39E-09	1.19E-09	0.00E+00	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	PROPERTY		371911.6	3764129	5.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.86E-07	3.15E-08	1.42E-09	1.14E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	PROPERTY		371964.4	3764214	7.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.54E-07	3.26E-08	1.46E-09	1.09E-09	0.00E+00	0.00E+00	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	PROPERTY		371963.3	3764286	7.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.06E-07	2.99E-08	1.34E-09	1.03E-09	0.00E+00	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	PROPERTY		371878.8	3764340	4.68E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.28E-07	2.38E-08	1.08E-09	9.62E-10	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	PROPERTY		371794.2	3764393	3.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-07	1.96E-08	8.98E-10	9.03E-10	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	PROPERTY		371830.2	3764481	3.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-07	1.83E-08	8.43E-10	8.57E-10	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	PROPERTY		371877.7	3764518	4.57E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-07	1.86E-08	8.54E-10	8.44E-10	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	PROPERTY		371958	3764459	4.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.98E-07	2.29E-08	1.04E-09	9.01E-10	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	PROPERTY		372038.3	3764399	8.34E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.84E-07	2.99E-08	1.34E-09	9.76E-10	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	PROPERTY		372100.6	3764433	7.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.15E-07	3.34E-08	1.49E-09	9.97E-10	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	PROPERTY		372151.4	3764519	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	3.21E-08	1.44E-09	1.05E-09	0.00E+00	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	PROPERTY		372202.2	3764605	5.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.82E-07	2.69E-08	1.20E-09	8.72E-10	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	PROPERTY		372253	3764691	3.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.92E-07	2.57E-08	1.16E-09	9.07E-10	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	PROPERTY		372304.8	3764776	2.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-07	2.42E-08	1.09E-09	8.26E-10	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	PROPERTY		372389.4	3764723	3.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.18E-07	2.87E-08	1.28E-09	9.06E-10	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	PROPERTY		372474.1	3764669	4.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.38E-07	3.81E-08	1.68E-09	9.26E-10	0.00E+00	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	PROPERTY		372554.7	3764612	5.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.98E-07	5.46E-08	2.39E-09	1.15E-09	0.00E+00	0.00E+00	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	PROPERTY		372601.3	3764537	1.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.71E-07	1.45E-07	6.22E-09	1.54E-09	0.00E+00	0.00E+00	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	PROPERTY		372701.3	3764539	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.36E-07	2.04E-07	8.70E-09	1.91E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	PROPERTY		372785.6	3764525	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.61E-07	2.39E-07	1.02E-08	1.95E-09	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	PROPERTY		372873.1	3764506	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.34E-07	2.59E-07	1.10E-08	2.04E-09	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	PROPERTY		372931.9	3764576	8.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.82E-07	1.92E-07	8.20E-09	1.66E-09	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	PROPERTY		373005.9	3764621	7.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.01E-07	1.62E-07	6.91E-09	1.48E-09	0.00E+00	0.00E+00	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	PROPERTY		373098.3	3764632	7.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.86E-07	1.58E-07	6.74E-09	1.47E-09	0.00E+00	0.00E+00	8.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	PROPERTY		373109.8	3764534	9.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.10E-07	1.95E-07	8.33E-09	1.70E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	PROPERTY		373153.9	3764473	9.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.74E-07	2.02E-07	8.63E-09	1.78E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	PROPERTY		373219	3764414	1.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.91E-07	1.95E-07	8.31E-09	1.80E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	PROPERTY		373233	3764333	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.62E-07	1.96E-07	8.37E-09	1.88E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	PROPERTY		373308	3764271	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.92E-07	1.85E-07	7.93E-09	1.91E-09	0.00E+00	0.00E+00	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	PROPERTY		373336.6	3764176	1.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.38E-07	1.99E-07	8.51E-09	2.13E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	PROPERTY		373362.5	3764079	1.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	2.19E-07	9.39E-09	2.43E-09	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	PROPERTY		373388.3	3763983	1.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-06	2.58E-07	1.11E-08	2.87E-09	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	PROPERTY		373423.4	3763890	2.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	3.64E-07	1.56E-08	3.73E-09	0.00E+00	0.00E+00	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	PROPERTY		373475.6	3763805	3.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-06	6.82E-07	2.91E-08	6.00E-09	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	PROPERTY		373493.2	3763713	5.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-06	1.21E-06	5.15E-08	1.07E-08	0.00E+00	0.00E+00	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	PROPERTY		373561.3	3763643	4.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.15E-06	1.12E-06	4.94E-08	2.77E-08	0.00E+00	0.00E+00	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	PROPERTY		373661.1	3763637	3.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-06	7.32E-07	3.42E-08	4.00E-08	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	PROPERTY		373743	3763650	3.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-06	6.00E-07	2.82E-08	3.54E-08	0.00E+00	0.00E+00	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	PROPERTY		373805.6	3763685	2.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-06	5.14E-07	2.42E-08	3.08E-08	0.00E+00	0.00E+00	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1	CARTGRID	1	371500	3761400	9.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.00E-07	1.16E-08	6.52E-10	1.90E-09	0.00E+00	0.00E+00	9.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	CARTGRID	1	371600	3761400	9.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.21E-07	1.18E-08	6.63E-10	1.92E-09	0.00E+00	0.00E+00	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	CARTGRID	1	371700	3761400	9.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.26E-07	1.19E-08	6.66E-10	1.94E-09	0.00E+00	0.00E+00	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	CARTGRID	1	371800	3761400	9.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.41E-07	1.19E-08	6.67E-10	1.94E-09	0.00E+00	0.00E+00	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	CARTGRID	1	371900	3761400	9.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.63E-07	1.19E-08	6.68E-10	1.93E-09	0.00E+00	0.00E+00	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	CARTGRID	1	372000	3761400	1.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.79E-07	1.18E-08	6.62E-10	1.90E-09	0.00E+00	0.00E+00	9.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	CARTGRID	1	372100	3761400	1.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.87E-07	1.17E-08	6.50E-10	1.85E-09	0.00E+00	0.00E+00	9.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	CARTGRID	1	372200	3761400	1.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.86E-07	1.14E-08	6.34E-10	1.78E-09	0.00E+00	0.00E+00	9.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	CARTGRID	1	372300	3761400	1.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-06	1.14E-08	6.27E-10	1.70E-09	0.00E+00	0.00E+00	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	CARTGRID	1	372400	3761400	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	1.12E-08	6.07E-10	1.60E-09	0.00E+00	0.00E+00	8.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	CARTGRID	1	372500	3761400	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-06	1.09E-08	5.88E-10	1.50E-09	0.00E+00	0.00E+00	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	CARTGRID	1	372600	3761400	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	1.07E-08	5.70E-10	1.40E-09	0.00E+00	0.00E+00	8.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	CARTGRID	1	372700	3761400	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	1.04E-08	5.51E-10	1.30E-09	0.00E+00	0.00E+00	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	CARTGRID	1	372800	3761400	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.02E-08	5.32E-10	1.21E-09	0.00E+00	0.00E+00	7.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	CARTGRID	1	372900	3761400	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	9.91E-09	5.14E-10	1.14E-09	0.00E+00	0.00E+00	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	CARTGRID	1	373000	3761400	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	9.65E-09	4.98E-10	1.07E-09	0.00E+00	0.00E+00	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	CARTGRID	1	373100	3761400	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	9.41E-09	4.83E-10	1.02E-09	0.00E+00	0.00E+00	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	CARTGRID	1	373200	3761400	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	9.18E-09	4.70E-10	9.81E-10	0.00E+00	0.00E+00	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	CARTGRID	1	373300	3761400	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	8.92E-09	4.56E-10	9.44E-10	0.00E+00	0.00E+00	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	CARTGRID	1	373400	3761400	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-06	8.76E-09	4.46E-10	9.13E-10	0.00E+00	0.00E+00	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	CARTGRID	1	373500	3761400	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	8.74E-09	4.44E-10	8.89E-10	0.00E+00	0.00E+00	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	CARTGRID	1	373600	3761400	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	8.70E-09	4.40E-10	8.63E-10	0.00E+00	0.00E+00	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	CARTGRID	1	373700	3761400	9.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.69E-07	8.72E-09	4.38E-10	8.39E-10	0.00E+00	0.00E+00	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	CARTGRID	1	373800	3761400	9.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.42E-07	8.91E-09	4.45E-10	8.22E-10	0.00E+00	0.00E+00	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	CARTGRID	1	373900	3761400	8.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.82E-07	8.98E-09	4.46E-10	8.04E-10	0.00E+00	0.00E+00	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	CARTGRID	1	374000	3761400	8.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.08E-07	8.97E-09	4.45E-10	7.87E-10	0.00E+00	0.00E+00	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	CARTGRID	1	374100	3761400	7.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.38E-07	8.96E-09	4.43E-10	7.77E-10	0.00E+00	0.00E+00	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	CARTGRID	1	374200	3761400	6.81E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.65E-07	8.79E-09	4.34E-10	7.59E-10	0.00E+00	0.00E+00	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	CARTGRID	1	374300	3761400	6.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-07	8.49E-09	4.20E-10	7.36E-10	0.00E+00	0.00E+00	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	CARTGRID	1	374400	3761400	5.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.22E-07	7.82E-09	3.88E-10	6.97E-10	0.00E+00	0.00E+00	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	CARTGRID	1	374500	3761400	5.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.99E-07	7.73E-09	3.84E-10	6.90E-10	0.00E+00	0.00E+00	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	CARTGRID	1	374600	3761400	4.84E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.70E-07	7.42E-09	3.70E-10	6.77E-10	0.00E+00	0.00E+00	5.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	CARTGRID	1	374700	3761400	4.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.58E-07	7.33E-09	3.69E-10	7.10E-10	0.00E+00	0.00E+00	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	CARTGRID	1	374800	3761400	4.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	6.89E-09	3.53E-10	7.33E-10	0.00E+00	0.00E+00	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	CARTGRID	1	374900	3761400	4.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	6.38E-09	3.30E-10	7.17E-10	0.00E+00	0.00E+00	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	CARTGRID	1	375000	3761400	3.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-07	5.93E-09	3.06E-10	6.67E-10	0.00E+00	0.00E+00	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	CARTGRID	1	371500	3761500	9.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.19E-07	1.20E-08	6.73E-10	1.95E-09	0.00E+00	0.00E+00	9.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	CARTGRID	1	371600	3761500	9.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.49E-07	1.23E-08	6.90E-10	1.99E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	CARTGRID	1	371700	3761500	1.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.89E-07	1.26E-08	7.06E-10	2.03E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	CARTGRID	1	371800	3761500	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.98E-07	1.27E-08	7.09E-10	2.04E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	CARTGRID	1	371900	3761500	1.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	1.27E-08	7.09E-10	2.04E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	CARTGRID	1	372000	3761500	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	1.27E-08	7.06E-10	2.02E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	CARTGRID	1	372100	3761500	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.26E-08	7.01E-10	1.98E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	CARTGRID	1	372200	3761500	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.24E-08	6.88E-10	1.92E-09	0.00E+00	0.00E+00	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	CARTGRID	1	372300	3761500	1.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	1.23E-08	6.75E-10	1.84E-09	0.00E+00	0.00E+00	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	CARTGRID	1	372400	3761500	1.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-06	1.22E-08	6.61E-10	1.74E-09	0.00E+00	0.00E+00	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	CARTGRID	1	372500	3761500	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	1.20E-08	6.43E-10	1.63E-09	0.00E+00	0.00E+00	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	CARTGRID	1	372600	3761500	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	1.17E-08	6.23E-10	1.52E-09	0.00E+00	0.00E+00	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	CARTGRID	1	372700	3761500	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-06	1.15E-08	6.03E-10	1.41E-09	0.00E+00	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	CARTGRID	1	372800	3761500	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	1.12E-08	5.84E-10	1.31E-09	0.00E+00	0.00E+00	8.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	CARTGRID	1	372900	3761500	1.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-06	1.10E-08	5.66E-10	1.22E-09	0.00E+00	0.00E+00	7.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	CARTGRID	1	373000	3761500	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	1.07E-08	5.49E-10	1.14E-09	0.00E+00	0.00E+00	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	CARTGRID	1	373100	3761500	1.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	1.05E-08	5.32E-10	1.09E-09	0.00E+00	0.00E+00	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
54	CARTGRID	1	373200	3761500	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	1.02E-08	5.17E-10	1.04E-09	0.00E+00	0.00E+00	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	CARTGRID	1	373300	3761500	1.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	9.91E-09	5.02E-10	9.98E-10	0.00E+00	0.00E+00	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	CARTGRID	1	373400	3761500	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	9.64E-09	4.88E-10	9.63E-10	0.00E+00	0.00E+00	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	CARTGRID	1	373500	3761500	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-06	9.68E-09	4.87E-10	9.39E-10	0.00E+00	0.00E+00	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	CARTGRID	1	373600	3761500	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	9.67E-09	4.85E-10	9.14E-10	0.00E+00	0.00E+00	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	CARTGRID	1	373700	3761500	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	9.70E-09	4.84E-10	8.90E-10	0.00E+00	0.00E+00	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	CARTGRID	1	373800	3761500	1.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	9.77E-09	4.85E-10	8.69E-10	0.00E+00	0.00E+00	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	CARTGRID	1	373900	3761500	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	9.85E-09	4.87E-10	8.53E-10	0.00E+00	0.00E+00	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	CARTGRID	1	374000	3761500	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.00E-06	9.82E-09	4.84E-10	8.37E-10	0.00E+00	0.00E+00	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	CARTGRID	1	374100	3761500	9.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.00E-07	9.71E-09	4.79E-10	8.21E-10	0.00E+00	0.00E+00	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	CARTGRID	1	374200	3761500	8.11E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.94E-07	9.51E-09	4.68E-10	8.02E-10	0.00E+00	0.00E+00	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	CARTGRID	1	374300	3761500	7.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.99E-07	9.14E-09	4.50E-10	7.74E-10	0.00E+00	0.00E+00	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	CARTGRID	1	374400	3761500	6.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.92E-07	8.33E-09	4.12E-10	7.26E-10	0.00E+00	0.00E+00	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	CARTGRID	1	374500	3761500	5.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.61E-07	8.20E-09	4.06E-10	7.19E-10	0.00E+00	0.00E+00	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	CARTGRID	1	374600	3761500	5.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.31E-07	7.91E-09	3.94E-10	7.15E-10	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	CARTGRID	1	374700	3761500	5.16E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.02E-07	7.72E-09	3.90E-10	7.66E-10	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	CARTGRID	1	374800	3761500	4.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.54E-07	7.16E-09	3.68E-10	7.83E-10	0.00E+00	0.00E+00	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	CARTGRID	1	374900	3761500	4.28E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.15E-07	6.65E-09	3.45E-10	7.57E-10	0.00E+00	0.00E+00	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	CARTGRID	1	375000	3761500	3.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.86E-07	6.16E-09	3.16E-10	6.70E-10	0.00E+00	0.00E+00	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	CARTGRID	1	371500	3761600	9.88E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.63E-07	1.26E-08	7.02E-10	2.01E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	CARTGRID	1	371600	3761600	1.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.85E-07	1.29E-08	7.19E-10	2.06E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	CARTGRID	1	371700	3761600	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	1.32E-08	7.38E-10	2.10E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	CARTGRID	1	371800	3761600	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.35E-08	7.53E-10	2.14E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	CARTGRID	1	371900	3761600	1.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	1.37E-08	7.59E-10	2.15E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	CARTGRID	1	372000	3761600	1.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-06	1.36E-08	7.56E-10	2.14E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	CARTGRID	1	372100	3761600	1.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	1.36E-08	7.54E-10	2.11E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	CARTGRID	1	372200	3761600	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.35E-08	7.46E-10	2.06E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	CARTGRID	1	372300	3761600	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.33E-08	7.28E-10	1.98E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	CARTGRID	1	372400	3761600	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	1.32E-08	7.16E-10	1.89E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	CARTGRID	1	372500	3761600	1.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	1.31E-08	7.03E-10	1.77E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	CARTGRID	1	372600	3761600	1.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-06	1.29E-08	6.82E-10	1.65E-09	0.00E+00	0.00E+00	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	CARTGRID	1	372700	3761600	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	1.27E-08	6.63E-10	1.53E-09	0.00E+00	0.00E+00	9.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	CARTGRID	1	372800	3761600	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	1.25E-08	6.46E-10	1.41E-09	0.00E+00	0.00E+00	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	CARTGRID	1	372900	3761600	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	1.23E-08	6.31E-10	1.31E-09	0.00E+00	0.00E+00	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	CARTGRID	1	373000	3761600	1.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-06	1.20E-08	6.11E-10	1.23E-09	0.00E+00	0.00E+00	8.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	CARTGRID	1	373100	3761600	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.17E-08	5.92E-10	1.16E-09	0.00E+00	0.00E+00	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	CARTGRID	1	373200	3761600	1.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-06	1.14E-08	5.74E-10	1.10E-09	0.00E+00	0.00E+00	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	CARTGRID	1	373300	3761600	1.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-06	1.11E-08	5.57E-10	1.06E-09	0.00E+00	0.00E+00	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	CARTGRID	1	373400	3761600	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.07E-08	5.35E-10	1.02E-09	0.00E+00	0.00E+00	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	CARTGRID	1	373500	3761600	1.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-06	1.06E-08	5.31E-10	9.87E-10	0.00E+00	0.00E+00	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	CARTGRID	1	373600	3761600	1.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	1.07E-08	5.33E-10	9.66E-10	0.00E+00	0.00E+00	7.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	CARTGRID	1	373700	3761600	1.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	1.09E-08	5.39E-10	9.52E-10	0.00E+00	0.00E+00	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	CARTGRID	1	373800	3761600	1.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	1.09E-08	5.39E-10	9.33E-10	0.00E+00	0.00E+00	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	CARTGRID	1	373900	3761600	1.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-06	1.09E-08	5.37E-10	9.15E-10	0.00E+00	0.00E+00	7.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	CARTGRID	1	374000	3761600	1.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	1.08E-08	5.31E-10	8.96E-10	0.00E+00	0.00E+00	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	CARTGRID	1	374100	3761600	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.07E-08	5.23E-10	8.79E-10	0.00E+00	0.00E+00	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	CARTGRID	1	374200	3761600	1.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.93E-07	1.04E-08	5.09E-10	8.52E-10	0.00E+00	0.00E+00	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	CARTGRID	1	374300	3761600	8.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.16E-07	9.64E-09	4.74E-10	7.99E-10	0.00E+00	0.00E+00	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	CARTGRID	1	374400	3761600	7.21E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.04E-07	9.08E-09	4.47E-10	7.66E-10	0.00E+00	0.00E+00	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	CARTGRID	1	374500	3761600	6.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.49E-07	8.78E-09	4.34E-10	7.55E-10	0.00E+00	0.00E+00	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	CARTGRID	1	374600	3761600	6.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.08E-07	8.49E-09	4.22E-10	7.66E-10	0.00E+00	0.00E+00	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	CARTGRID	1	374700	3761600	5.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.31E-07	8.10E-09	4.12E-10	8.33E-10	0.00E+00	0.00E+00	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	CARTGRID	1	374800	3761600	4.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.82E-07	7.44E-09	3.82E-10	8.00E-10	0.00E+00	0.00E+00	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
107	CARTGRID	1	374900	3761600	4.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.47E-07	6.95E-09	3.58E-10	7.69E-10	0.00E+00	0.00E+00	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	CARTGRID	1	375000	3761600	4.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-07	6.58E-09	3.38E-10	7.18E-10	0.00E+00	0.00E+00	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	CARTGRID	1	371500	3761700	1.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	1.32E-08	7.32E-10	2.06E-09	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	CARTGRID	1	371600	3761700	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-06	1.35E-08	7.53E-10	2.12E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	CARTGRID	1	371700	3761700	1.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-06	1.41E-08	7.82E-10	2.18E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	CARTGRID	1	371800	3761700	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	1.44E-08	7.98E-10	2.23E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	CARTGRID	1	371900	3761700	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.46E-08	8.09E-10	2.26E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	CARTGRID	1	372000	3761700	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	1.47E-08	8.14E-10	2.27E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	CARTGRID	1	372100	3761700	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	1.46E-08	8.10E-10	2.25E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	CARTGRID	1	372200	3761700	1.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-06	1.47E-08	8.07E-10	2.21E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	CARTGRID	1	372300	3761700	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	1.45E-08	7.96E-10	2.14E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	CARTGRID	1	372400	3761700	1.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	1.43E-08	7.79E-10	2.05E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	CARTGRID	1	372500	3761700	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	1.43E-08	7.68E-10	1.93E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	CARTGRID	1	372600	3761700	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.42E-08	7.53E-10	1.80E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	CARTGRID	1	372700	3761700	1.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-06	1.41E-08	7.36E-10	1.67E-09	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	CARTGRID	1	372800	3761700	1.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	1.39E-08	7.18E-10	1.54E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	CARTGRID	1	372900	3761700	1.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-06	1.38E-08	7.03E-10	1.42E-09	0.00E+00	0.00E+00	9.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	CARTGRID	1	373000	3761700	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-06	1.36E-08	6.83E-10	1.32E-09	0.00E+00	0.00E+00	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	CARTGRID	1	373100	3761700	1.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-06	1.33E-08	6.66E-10	1.24E-09	0.00E+00	0.00E+00	9.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	CARTGRID	1	373200	3761700	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-06	1.29E-08	6.44E-10	1.18E-09	0.00E+00	0.00E+00	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	CARTGRID	1	373300	3761700	1.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-06	1.27E-08	6.30E-10	1.13E-09	0.00E+00	0.00E+00	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	CARTGRID	1	373400	3761700	1.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-06	1.21E-08	6.03E-10	1.08E-09	0.00E+00	0.00E+00	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	CARTGRID	1	373500	3761700	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	1.18E-08	5.85E-10	1.04E-09	0.00E+00	0.00E+00	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	CARTGRID	1	373600	3761700	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	1.20E-08	5.92E-10	1.03E-09	0.00E+00	0.00E+00	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	CARTGRID	1	373700	3761700	1.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	1.20E-08	5.90E-10	1.01E-09	0.00E+00	0.00E+00	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	CARTGRID	1	373800	3761700	1.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-06	1.20E-08	5.90E-10	9.92E-10	0.00E+00	0.00E+00	8.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	CARTGRID	1	373900	3761700	1.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-06	1.19E-08	5.85E-10	9.73E-10	0.00E+00	0.00E+00	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	CARTGRID	1	374000	3761700	1.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-06	1.19E-08	5.80E-10	9.57E-10	0.00E+00	0.00E+00	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	CARTGRID	1	374100	3761700	1.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-06	1.17E-08	5.70E-10	9.36E-10	0.00E+00	0.00E+00	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	CARTGRID	1	374200	3761700	1.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-06	1.13E-08	5.51E-10	8.99E-10	0.00E+00	0.00E+00	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	CARTGRID	1	374300	3761700	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.05E-08	5.12E-10	8.40E-10	0.00E+00	0.00E+00	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	CARTGRID	1	374400	3761700	8.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.73E-07	9.87E-09	4.84E-10	8.09E-10	0.00E+00	0.00E+00	6.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	CARTGRID	1	374500	3761700	7.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.61E-07	9.30E-09	4.58E-10	7.88E-10	0.00E+00	0.00E+00	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	CARTGRID	1	374600	3761700	6.98E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.82E-07	8.71E-09	4.33E-10	7.77E-10	0.00E+00	0.00E+00	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	CARTGRID	1	374700	3761700	6.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.11E-07	8.29E-09	4.17E-10	8.03E-10	0.00E+00	0.00E+00	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	CARTGRID	1	374800	3761700	5.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.35E-07	7.79E-09	3.98E-10	8.25E-10	0.00E+00	0.00E+00	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	CARTGRID	1	374900	3761700	4.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.83E-07	7.32E-09	3.74E-10	7.77E-10	0.00E+00	0.00E+00	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	CARTGRID	1	375000	3761700	4.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.35E-07	7.00E-09	3.59E-10	7.52E-10	0.00E+00	0.00E+00	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	CARTGRID	1	371500	3761800	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.38E-08	7.62E-10	2.11E-09	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	CARTGRID	1	371600	3761800	1.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	1.42E-08	7.87E-10	2.18E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	CARTGRID	1	371700	3761800	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	1.47E-08	8.11E-10	2.25E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	CARTGRID	1	371800	3761800	1.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	1.51E-08	8.32E-10	2.31E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	CARTGRID	1	371900	3761800	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	1.54E-08	8.51E-10	2.35E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	CARTGRID	1	372000	3761800	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	1.57E-08	8.64E-10	2.38E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	CARTGRID	1	372100	3761800	1.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	1.58E-08	8.71E-10	2.39E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	CARTGRID	1	372200	3761800	1.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	1.58E-08	8.70E-10	2.37E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	CARTGRID	1	372300	3761800	1.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.58E-08	8.65E-10	2.31E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	CARTGRID	1	372400	3761800	1.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	1.58E-08	8.56E-10	2.23E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	CARTGRID	1	372500	3761800	1.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-06	1.57E-08	8.44E-10	2.11E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	CARTGRID	1	372600	3761800	1.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	1.57E-08	8.29E-10	1.98E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	CARTGRID	1	372700	3761800	1.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-06	1.56E-08	8.14E-10	1.83E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	CARTGRID	1	372800	3761800	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	1.55E-08	7.97E-10	1.68E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	CARTGRID	1	372900	3761800	1.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-06	1.55E-08	7.83E-10	1.54E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
160	CARTGRID	1	373000	3761800	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	1.55E-08	7.73E-10	1.43E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	CARTGRID	1	373100	3761800	1.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-06	1.53E-08	7.58E-10	1.34E-09	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	CARTGRID	1	373200	3761800	1.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-06	1.48E-08	7.30E-10	1.26E-09	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	CARTGRID	1	373300	3761800	1.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-06	1.46E-08	7.18E-10	1.21E-09	0.00E+00	0.00E+00	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	CARTGRID	1	373400	3761800	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	1.43E-08	7.02E-10	1.17E-09	0.00E+00	0.00E+00	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	CARTGRID	1	373500	3761800	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	1.32E-08	6.48E-10	1.10E-09	0.00E+00	0.00E+00	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	CARTGRID	1	373600	3761800	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	1.34E-08	6.57E-10	1.09E-09	0.00E+00	0.00E+00	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	CARTGRID	1	373700	3761800	2.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-06	1.35E-08	6.58E-10	1.08E-09	0.00E+00	0.00E+00	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	CARTGRID	1	373800	3761800	2.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-06	1.35E-08	6.58E-10	1.08E-09	0.00E+00	0.00E+00	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	CARTGRID	1	373900	3761800	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.07E-06	1.33E-08	6.48E-10	1.05E-09	0.00E+00	0.00E+00	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	CARTGRID	1	374000	3761800	2.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	1.31E-08	6.38E-10	1.03E-09	0.00E+00	0.00E+00	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	CARTGRID	1	374100	3761800	2.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-06	1.29E-08	6.27E-10	1.00E-09	0.00E+00	0.00E+00	8.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	CARTGRID	1	374200	3761800	1.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-06	1.22E-08	5.93E-10	9.38E-10	0.00E+00	0.00E+00	8.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	CARTGRID	1	374300	3761800	1.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	1.14E-08	5.53E-10	8.84E-10	0.00E+00	0.00E+00	7.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	CARTGRID	1	374400	3761800	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	1.06E-08	5.18E-10	8.48E-10	0.00E+00	0.00E+00	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	CARTGRID	1	374500	3761800	9.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.42E-07	9.93E-09	4.88E-10	8.30E-10	0.00E+00	0.00E+00	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	CARTGRID	1	374600	3761800	8.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.00E-07	9.39E-09	4.67E-10	8.43E-10	0.00E+00	0.00E+00	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	CARTGRID	1	374700	3761800	6.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.50E-07	8.83E-09	4.47E-10	8.90E-10	0.00E+00	0.00E+00	6.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	CARTGRID	1	374800	3761800	6.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.94E-07	8.16E-09	4.13E-10	8.14E-10	0.00E+00	0.00E+00	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	CARTGRID	1	374900	3761800	5.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-07	7.81E-09	3.98E-10	8.17E-10	0.00E+00	0.00E+00	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	CARTGRID	1	375000	3761800	4.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.66E-07	7.47E-09	3.81E-10	7.81E-10	0.00E+00	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	CARTGRID	1	371500	3761900	1.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-06	1.45E-08	7.93E-10	2.15E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	CARTGRID	1	371600	3761900	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.50E-08	8.21E-10	2.23E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	CARTGRID	1	371700	3761900	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	1.56E-08	8.53E-10	2.31E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	CARTGRID	1	371800	3761900	1.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-06	1.60E-08	8.79E-10	2.39E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	CARTGRID	1	371900	3761900	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	1.64E-08	9.02E-10	2.45E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	CARTGRID	1	372000	3761900	1.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-06	1.68E-08	9.21E-10	2.50E-09	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	CARTGRID	1	372100	3761900	1.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-06	1.71E-08	9.37E-10	2.53E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	CARTGRID	1	372200	3761900	1.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-06	1.72E-08	9.42E-10	2.53E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	CARTGRID	1	372300	3761900	1.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	1.73E-08	9.41E-10	2.49E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	CARTGRID	1	372400	3761900	1.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-06	1.73E-08	9.37E-10	2.42E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	CARTGRID	1	372500	3761900	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-06	1.74E-08	9.29E-10	2.31E-09	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	CARTGRID	1	372600	3761900	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	1.76E-08	9.26E-10	2.18E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	CARTGRID	1	372700	3761900	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	1.75E-08	9.11E-10	2.02E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	CARTGRID	1	372800	3761900	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-06	1.75E-08	8.94E-10	1.85E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	CARTGRID	1	372900	3761900	1.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.77E-06	1.76E-08	8.85E-10	1.69E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	CARTGRID	1	373000	3761900	1.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	1.78E-08	8.80E-10	1.56E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	CARTGRID	1	373100	3761900	1.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-06	1.77E-08	8.67E-10	1.45E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	CARTGRID	1	373200	3761900	2.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	1.73E-08	8.46E-10	1.36E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	CARTGRID	1	373300	3761900	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.14E-06	1.71E-08	8.32E-10	1.31E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	CARTGRID	1	373400	3761900	2.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-06	1.67E-08	8.11E-10	1.27E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	CARTGRID	1	373500	3761900	2.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	1.53E-08	7.46E-10	1.18E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	CARTGRID	1	373600	3761900	2.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	1.43E-08	6.97E-10	1.13E-09	0.00E+00	0.00E+00	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	CARTGRID	1	373700	3761900	2.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	1.49E-08	7.24E-10	1.14E-09	0.00E+00	0.00E+00	9.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	CARTGRID	1	373800	3761900	2.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	1.50E-08	7.28E-10	1.16E-09	0.00E+00	0.00E+00	9.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	CARTGRID	1	373900	3761900	2.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-06	1.48E-08	7.18E-10	1.14E-09	0.00E+00	0.00E+00	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	CARTGRID	1	374000	3761900	2.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-06	1.46E-08	7.06E-10	1.10E-09	0.00E+00	0.00E+00	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	CARTGRID	1	374100	3761900	2.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-06	1.43E-08	6.95E-10	1.08E-09	0.00E+00	0.00E+00	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	CARTGRID	1	374200	3761900	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-06	1.34E-08	6.47E-10	9.89E-10	0.00E+00	0.00E+00	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	CARTGRID	1	374300	3761900	2.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	1.22E-08	5.92E-10	9.21E-10	0.00E+00	0.00E+00	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	CARTGRID	1	374400	3761900	2.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-06	1.16E-08	5.63E-10	9.00E-10	0.00E+00	0.00E+00	7.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	CARTGRID	1	374500	3761900	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.07E-08	5.26E-10	8.86E-10	0.00E+00	0.00E+00	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	CARTGRID	1	374600	3761900	8.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.34E-07	9.97E-09	4.97E-10	9.09E-10	0.00E+00	0.00E+00	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
213	CARTGRID	1	374700	3761900	6.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.69E-07	8.98E-09	4.48E-10	8.25E-10	0.00E+00	0.00E+00	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	CARTGRID	1	374800	3761900	6.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.25E-07	8.75E-09	4.41E-10	8.59E-10	0.00E+00	0.00E+00	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	CARTGRID	1	374900	3761900	5.44E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-07	8.22E-09	4.11E-10	7.66E-10	0.00E+00	0.00E+00	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	CARTGRID	1	375000	3761900	5.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.93E-07	7.94E-09	4.01E-10	7.78E-10	0.00E+00	0.00E+00	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	CARTGRID	1	371500	3762000	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-06	1.51E-08	8.25E-10	2.19E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	CARTGRID	1	371600	3762000	1.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	1.57E-08	8.57E-10	2.28E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	CARTGRID	1	371700	3762000	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	1.64E-08	8.95E-10	2.37E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	CARTGRID	1	371800	3762000	1.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.35E-06	1.73E-08	9.40E-10	2.46E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	CARTGRID	1	371900	3762000	1.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-06	1.77E-08	9.61E-10	2.54E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	CARTGRID	1	372000	3762000	1.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	1.79E-08	9.76E-10	2.60E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	CARTGRID	1	372100	3762000	1.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-06	1.83E-08	9.96E-10	2.65E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	CARTGRID	1	372200	3762000	1.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-06	1.86E-08	1.01E-09	2.68E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	CARTGRID	1	372300	3762000	1.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-06	1.89E-08	1.03E-09	2.68E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	CARTGRID	1	372400	3762000	1.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-06	1.91E-08	1.03E-09	2.63E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	CARTGRID	1	372500	3762000	1.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-06	1.92E-08	1.03E-09	2.53E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	CARTGRID	1	372600	3762000	1.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-06	1.89E-08	1.00E-09	2.38E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	CARTGRID	1	372700	3762000	1.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	1.97E-08	1.02E-09	2.23E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	CARTGRID	1	372800	3762000	1.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-06	1.98E-08	1.01E-09	2.04E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	CARTGRID	1	372900	3762000	2.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	2.02E-08	1.01E-09	1.87E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	CARTGRID	1	373000	3762000	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	2.06E-08	1.01E-09	1.72E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	CARTGRID	1	373100	3762000	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-06	2.07E-08	1.01E-09	1.60E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	CARTGRID	1	373200	3762000	2.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-06	2.06E-08	9.91E-10	1.49E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	CARTGRID	1	373300	3762000	2.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-06	2.03E-08	9.76E-10	1.43E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	CARTGRID	1	373400	3762000	2.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	1.98E-08	9.48E-10	1.38E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	CARTGRID	1	373500	3762000	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-06	1.86E-08	8.92E-10	1.31E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	CARTGRID	1	373600	3762000	3.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.90E-06	1.65E-08	7.95E-10	1.21E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	CARTGRID	1	373700	3762000	2.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-06	1.63E-08	7.85E-10	1.19E-09	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	CARTGRID	1	373800	3762000	2.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-06	1.67E-08	8.09E-10	1.25E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	CARTGRID	1	373900	3762000	3.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-06	1.66E-08	8.06E-10	1.25E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	CARTGRID	1	374000	3762000	3.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-06	1.65E-08	7.97E-10	1.22E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	CARTGRID	1	374100	3762000	3.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.75E-06	1.61E-08	7.79E-10	1.18E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	CARTGRID	1	374200	3762000	5.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.82E-06	1.53E-08	7.35E-10	1.09E-09	0.00E+00	0.00E+00	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	CARTGRID	1	374300	3762000	6.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.91E-06	1.35E-08	6.49E-10	9.76E-10	0.00E+00	0.00E+00	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	CARTGRID	1	374400	3762000	4.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.90E-06	1.26E-08	6.13E-10	9.64E-10	0.00E+00	0.00E+00	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	CARTGRID	1	374500	3762000	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-06	1.15E-08	5.65E-10	9.47E-10	0.00E+00	0.00E+00	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	CARTGRID	1	374600	3762000	9.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.15E-07	9.80E-09	4.85E-10	8.50E-10	0.00E+00	0.00E+00	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	CARTGRID	1	374700	3762000	7.59E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.42E-07	9.29E-09	4.60E-10	8.10E-10	0.00E+00	0.00E+00	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	CARTGRID	1	374800	3762000	7.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.08E-07	9.34E-09	4.66E-10	8.57E-10	0.00E+00	0.00E+00	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	CARTGRID	1	374900	3762000	5.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.51E-07	8.47E-09	4.19E-10	7.32E-10	0.00E+00	0.00E+00	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	CARTGRID	1	375000	3762000	5.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.21E-07	8.28E-09	4.10E-10	7.31E-10	0.00E+00	0.00E+00	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	CARTGRID	1	371500	3762100	1.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-06	1.58E-08	8.57E-10	2.21E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	CARTGRID	1	371600	3762100	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	1.65E-08	8.94E-10	2.31E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	CARTGRID	1	371700	3762100	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-06	1.73E-08	9.37E-10	2.41E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	CARTGRID	1	371800	3762100	1.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-06	1.85E-08	9.95E-10	2.53E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	CARTGRID	1	371900	3762100	1.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	1.89E-08	1.02E-09	2.62E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	CARTGRID	1	372000	3762100	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-06	1.92E-08	1.04E-09	2.70E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	CARTGRID	1	372100	3762100	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-06	1.97E-08	1.07E-09	2.78E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	CARTGRID	1	372200	3762100	1.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	1.99E-08	1.08E-09	2.83E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	CARTGRID	1	372300	3762100	1.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	2.02E-08	1.10E-09	2.85E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	CARTGRID	1	372400	3762100	1.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-06	2.10E-08	1.13E-09	2.84E-09	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	CARTGRID	1	372500	3762100	1.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-06	2.14E-08	1.14E-09	2.77E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	CARTGRID	1	372600	3762100	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	2.16E-08	1.13E-09	2.64E-09	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	CARTGRID	1	372700	3762100	1.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	2.15E-08	1.11E-09	2.45E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
266	CARTGRID	1	372800	3762100	2.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-06	2.22E-08	1.13E-09	2.26E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	CARTGRID	1	372900	3762100	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	2.31E-08	1.15E-09	2.08E-09	0.00E+00	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	CARTGRID	1	373000	3762100	2.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-06	2.40E-08	1.18E-09	1.93E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	CARTGRID	1	373100	3762100	2.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-06	2.46E-08	1.19E-09	1.80E-09	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	CARTGRID	1	373200	3762100	2.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-06	2.44E-08	1.17E-09	1.65E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	CARTGRID	1	373300	3762100	2.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-06	2.43E-08	1.15E-09	1.58E-09	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	CARTGRID	1	373400	3762100	3.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.03E-06	2.36E-08	1.12E-09	1.51E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	CARTGRID	1	373500	3762100	3.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-06	2.22E-08	1.06E-09	1.44E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	CARTGRID	1	373600	3762100	3.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-06	1.99E-08	9.49E-10	1.32E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	CARTGRID	1	373700	3762100	4.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-06	1.74E-08	8.36E-10	1.23E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	CARTGRID	1	373800	3762100	3.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.86E-06	1.70E-08	8.18E-10	1.20E-09	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	CARTGRID	1	373900	3762100	3.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-06	1.87E-08	9.00E-10	1.34E-09	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	CARTGRID	1	374000	3762100	3.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.80E-06	1.87E-08	9.04E-10	1.38E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	CARTGRID	1	374100	3762100	4.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-06	1.83E-08	8.83E-10	1.31E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	CARTGRID	1	374200	3762100	6.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.26E-06	1.71E-08	8.19E-10	1.16E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	CARTGRID	1	374300	3762100	1.84E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-05	1.47E-08	7.04E-10	1.03E-09	0.00E+00	0.00E+00	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	CARTGRID	1	374400	3762100	1.83E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-05	1.37E-08	6.66E-10	1.03E-09	0.00E+00	0.00E+00	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	CARTGRID	1	374500	3762100	3.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-06	1.25E-08	6.14E-10	1.04E-09	0.00E+00	0.00E+00	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	CARTGRID	1	374600	3762100	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.08E-08	5.33E-10	8.99E-10	0.00E+00	0.00E+00	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	CARTGRID	1	374700	3762100	9.39E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.21E-07	9.86E-09	4.85E-10	8.20E-10	0.00E+00	0.00E+00	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	CARTGRID	1	374800	3762100	8.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.03E-07	9.81E-09	4.82E-10	8.19E-10	0.00E+00	0.00E+00	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	CARTGRID	1	374900	3762100	6.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.17E-07	8.70E-09	4.28E-10	7.27E-10	0.00E+00	0.00E+00	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	CARTGRID	1	375000	3762100	5.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.61E-07	8.40E-09	4.14E-10	7.07E-10	0.00E+00	0.00E+00	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	CARTGRID	1	371500	3762200	1.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	1.65E-08	8.87E-10	2.23E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	CARTGRID	1	371600	3762200	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-06	1.74E-08	9.32E-10	2.34E-09	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	CARTGRID	1	371700	3762200	1.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-06	1.83E-08	9.79E-10	2.45E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	CARTGRID	1	371800	3762200	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	1.97E-08	1.05E-09	2.58E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	CARTGRID	1	371900	3762200	1.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	2.03E-08	1.09E-09	2.69E-09	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	CARTGRID	1	372000	3762200	1.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-06	2.08E-08	1.11E-09	2.79E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	CARTGRID	1	372100	3762200	1.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-06	2.17E-08	1.16E-09	2.89E-09	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	CARTGRID	1	372200	3762200	1.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-06	2.20E-08	1.18E-09	2.97E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	CARTGRID	1	372300	3762200	1.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-06	2.23E-08	1.20E-09	3.02E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	CARTGRID	1	372400	3762200	1.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	2.25E-08	1.20E-09	3.03E-09	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	CARTGRID	1	372500	3762200	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	2.33E-08	1.24E-09	3.00E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	CARTGRID	1	372600	3762200	2.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	2.42E-08	1.27E-09	2.91E-09	0.00E+00	0.00E+00	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	CARTGRID	1	372700	3762200	2.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	2.47E-08	1.28E-09	2.75E-09	0.00E+00	0.00E+00	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	CARTGRID	1	372800	3762200	2.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-06	2.58E-08	1.30E-09	2.57E-09	0.00E+00	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	CARTGRID	1	372900	3762200	2.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.46E-06	2.65E-08	1.31E-09	2.34E-09	0.00E+00	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	CARTGRID	1	373000	3762200	2.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	2.79E-08	1.36E-09	2.18E-09	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	CARTGRID	1	373100	3762200	2.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-06	2.90E-08	1.39E-09	2.05E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	CARTGRID	1	373200	3762200	3.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.95E-06	2.93E-08	1.39E-09	1.88E-09	0.00E+00	0.00E+00	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	CARTGRID	1	373300	3762200	3.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-06	2.94E-08	1.39E-09	1.80E-09	0.00E+00	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	CARTGRID	1	373400	3762200	3.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.42E-06	2.87E-08	1.35E-09	1.73E-09	0.00E+00	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	CARTGRID	1	373500	3762200	3.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.82E-06	2.71E-08	1.28E-09	1.62E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	CARTGRID	1	373600	3762200	4.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.80E-06	2.43E-08	1.15E-09	1.48E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	CARTGRID	1	373700	3762200	9.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.31E-06	2.02E-08	9.63E-10	1.32E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	CARTGRID	1	373800	3762200	5.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.49E-06	2.17E-08	1.03E-09	1.44E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	CARTGRID	1	373900	3762200	4.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.91E-06	2.05E-08	9.75E-10	1.33E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	CARTGRID	1	374000	3762200	4.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.89E-06	2.12E-08	1.02E-09	1.46E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	CARTGRID	1	374100	3762200	5.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-06	2.08E-08	9.93E-10	1.40E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	CARTGRID	1	374200	3762200	7.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.62E-06	1.88E-08	8.92E-10	1.20E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	CARTGRID	1	374300	3762200	1.64E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-05	1.63E-08	7.78E-10	1.10E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	CARTGRID	1	374400	3762200	1.12E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-05	1.50E-08	7.25E-10	1.12E-09	0.00E+00	0.00E+00	9.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
319	CARTGRID	1	374500	3762200	3.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.84E-06	1.34E-08	6.57E-10	1.09E-09	0.00E+00	0.00E+00	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	CARTGRID	1	374600	3762200	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	1.18E-08	5.76E-10	9.29E-10	0.00E+00	0.00E+00	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	CARTGRID	1	374700	3762200	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	1.01E-08	4.95E-10	8.17E-10	0.00E+00	0.00E+00	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	CARTGRID	1	374800	3762200	9.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.42E-07	9.61E-09	4.70E-10	7.77E-10	0.00E+00	0.00E+00	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	CARTGRID	1	374900	3762200	7.76E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.60E-07	8.99E-09	4.41E-10	7.36E-10	0.00E+00	0.00E+00	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	CARTGRID	1	375000	3762200	6.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.63E-07	8.53E-09	4.19E-10	7.10E-10	0.00E+00	0.00E+00	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	CARTGRID	1	371500	3762300	1.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.72E-08	9.16E-10	2.25E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	CARTGRID	1	371600	3762300	1.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-06	1.82E-08	9.68E-10	2.36E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	CARTGRID	1	371700	3762300	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	1.93E-08	1.02E-09	2.48E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	CARTGRID	1	371800	3762300	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-06	2.03E-08	1.08E-09	2.60E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	CARTGRID	1	371900	3762300	1.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	2.17E-08	1.15E-09	2.74E-09	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	CARTGRID	1	372000	3762300	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-06	2.25E-08	1.19E-09	2.86E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	CARTGRID	1	372100	3762300	1.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-06	2.38E-08	1.26E-09	3.00E-09	0.00E+00	0.00E+00	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	CARTGRID	1	372200	3762300	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	2.46E-08	1.30E-09	3.11E-09	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	CARTGRID	1	372300	3762300	2.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-06	2.51E-08	1.33E-09	3.19E-09	0.00E+00	0.00E+00	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	CARTGRID	1	372400	3762300	2.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-06	2.51E-08	1.33E-09	3.23E-09	0.00E+00	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	CARTGRID	1	372500	3762300	2.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	2.58E-08	1.36E-09	3.24E-09	0.00E+00	0.00E+00	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	CARTGRID	1	372600	3762300	2.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-06	2.59E-08	1.36E-09	3.16E-09	0.00E+00	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	CARTGRID	1	372700	3762300	2.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.46E-06	2.82E-08	1.45E-09	3.09E-09	0.00E+00	0.00E+00	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	CARTGRID	1	372800	3762300	2.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-06	2.96E-08	1.50E-09	2.94E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	CARTGRID	1	372900	3762300	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-06	3.07E-08	1.52E-09	2.70E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	CARTGRID	1	373000	3762300	2.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-06	3.23E-08	1.57E-09	2.49E-09	0.00E+00	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	CARTGRID	1	373100	3762300	3.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.01E-06	3.40E-08	1.64E-09	2.44E-09	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	CARTGRID	1	373200	3762300	3.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.19E-06	3.48E-08	1.65E-09	2.23E-09	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	CARTGRID	1	373300	3762300	3.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.41E-06	3.51E-08	1.66E-09	2.11E-09	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	CARTGRID	1	373400	3762300	3.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.71E-06	3.46E-08	1.63E-09	2.00E-09	0.00E+00	0.00E+00	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	CARTGRID	1	373500	3762300	4.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.27E-06	3.20E-08	1.49E-09	1.68E-09	0.00E+00	0.00E+00	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	CARTGRID	1	373600	3762300	4.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.57E-06	2.75E-08	1.29E-09	1.52E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	CARTGRID	1	373700	3762300	5.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.82E-06	2.43E-08	1.14E-09	1.43E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	CARTGRID	1	373800	3762300	7.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.33E-06	2.58E-08	1.22E-09	1.63E-09	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	CARTGRID	1	373900	3762300	7.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.98E-06	2.49E-08	1.18E-09	1.53E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	CARTGRID	1	374000	3762300	9.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.40E-06	2.41E-08	1.14E-09	1.46E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	CARTGRID	1	374100	3762300	1.14E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-05	2.40E-08	1.13E-09	1.48E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	CARTGRID	1	374200	3762300	1.63E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-05	2.04E-08	9.60E-10	1.22E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	CARTGRID	1	374300	3762300	2.80E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.79E-05	1.85E-08	8.81E-10	1.22E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	CARTGRID	1	374400	3762300	2.03E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-05	1.64E-08	7.92E-10	1.22E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	CARTGRID	1	374500	3762300	4.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.12E-06	1.39E-08	6.73E-10	1.02E-09	0.00E+00	0.00E+00	9.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	CARTGRID	1	374600	3762300	2.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-06	1.11E-08	5.41E-10	8.76E-10	0.00E+00	0.00E+00	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	CARTGRID	1	374700	3762300	1.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	1.05E-08	5.13E-10	8.30E-10	0.00E+00	0.00E+00	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	CARTGRID	1	374800	3762300	1.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	9.38E-09	4.60E-10	7.68E-10	0.00E+00	0.00E+00	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	CARTGRID	1	374900	3762300	9.74E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.58E-07	8.91E-09	4.37E-10	7.35E-10	0.00E+00	0.00E+00	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	CARTGRID	1	375000	3762300	8.22E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.07E-07	8.31E-09	4.10E-10	7.07E-10	0.00E+00	0.00E+00	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	CARTGRID	1	371500	3762400	1.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	1.78E-08	9.42E-10	2.26E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	CARTGRID	1	371600	3762400	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	1.90E-08	1.00E-09	2.37E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	CARTGRID	1	371700	3762400	1.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	2.04E-08	1.07E-09	2.50E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	CARTGRID	1	371800	3762400	1.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	2.16E-08	1.13E-09	2.63E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	CARTGRID	1	371900	3762400	1.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-06	2.30E-08	1.21E-09	2.78E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	CARTGRID	1	372000	3762400	1.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	2.43E-08	1.27E-09	2.92E-09	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	CARTGRID	1	372100	3762400	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	2.55E-08	1.34E-09	3.07E-09	0.00E+00	0.00E+00	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	CARTGRID	1	372200	3762400	2.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-06	2.72E-08	1.42E-09	3.22E-09	0.00E+00	0.00E+00	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	CARTGRID	1	372300	3762400	2.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	2.86E-08	1.49E-09	3.36E-09	0.00E+00	0.00E+00	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	CARTGRID	1	372400	3762400	2.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-06	2.91E-08	1.52E-09	3.45E-09	0.00E+00	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	CARTGRID	1	372500	3762400	2.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	3.04E-08	1.58E-09	3.54E-09	0.00E+00	0.00E+00	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
372	CARTGRID	1	372600	3762400	2.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-06	2.91E-08	1.52E-09	3.44E-09	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	CARTGRID	1	372700	3762400	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-06	3.24E-08	1.67E-09	3.52E-09	0.00E+00	0.00E+00	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	CARTGRID	1	372800	3762400	2.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-06	3.40E-08	1.73E-09	3.45E-09	0.00E+00	0.00E+00	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	CARTGRID	1	372900	3762400	3.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-06	3.56E-08	1.77E-09	3.22E-09	0.00E+00	0.00E+00	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	CARTGRID	1	373000	3762400	3.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-06	3.74E-08	1.82E-09	2.96E-09	0.00E+00	0.00E+00	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	CARTGRID	1	373100	3762400	3.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-06	3.92E-08	1.89E-09	2.83E-09	0.00E+00	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	CARTGRID	1	373200	3762400	3.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.36E-06	4.06E-08	1.92E-09	2.53E-09	0.00E+00	0.00E+00	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	CARTGRID	1	373300	3762400	3.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.62E-06	4.14E-08	1.93E-09	2.32E-09	0.00E+00	0.00E+00	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	CARTGRID	1	373400	3762400	4.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.96E-06	4.11E-08	1.91E-09	2.15E-09	0.00E+00	0.00E+00	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	CARTGRID	1	373500	3762400	4.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.84E-06	4.02E-08	1.85E-09	1.94E-09	0.00E+00	0.00E+00	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	CARTGRID	1	373600	3762400	5.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.44E-06	3.40E-08	1.57E-09	1.65E-09	0.00E+00	0.00E+00	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	CARTGRID	1	373700	3762400	6.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.97E-06	3.10E-08	1.44E-09	1.58E-09	0.00E+00	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	CARTGRID	1	373800	3762400	8.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.63E-06	3.14E-08	1.48E-09	1.81E-09	0.00E+00	0.00E+00	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	CARTGRID	1	373900	3762400	1.28E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-05	3.00E-08	1.41E-09	1.74E-09	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	CARTGRID	1	374000	3762400	1.04E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-05	2.87E-08	1.34E-09	1.57E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	CARTGRID	1	374100	3762400	2.13E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-05	2.72E-08	1.26E-09	1.43E-09	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	CARTGRID	1	374200	3762400	1.99E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-05	2.32E-08	1.09E-09	1.31E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	CARTGRID	1	374300	3762400	2.56E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-05	2.01E-08	9.54E-10	1.26E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	CARTGRID	1	374400	3762400	1.55E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-05	1.79E-08	8.61E-10	1.28E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	CARTGRID	1	374500	3762400	5.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.03E-06	1.41E-08	6.78E-10	1.00E-09	0.00E+00	0.00E+00	9.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	CARTGRID	1	374600	3762400	2.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-06	1.05E-08	5.15E-10	8.55E-10	0.00E+00	0.00E+00	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	CARTGRID	1	374700	3762400	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	9.97E-09	4.89E-10	8.15E-10	0.00E+00	0.00E+00	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	CARTGRID	1	374800	3762400	1.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	9.17E-09	4.51E-10	7.66E-10	0.00E+00	0.00E+00	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	CARTGRID	1	374900	3762400	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	8.53E-09	4.21E-10	7.34E-10	0.00E+00	0.00E+00	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	CARTGRID	1	375000	3762400	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	8.22E-09	4.08E-10	7.30E-10	0.00E+00	0.00E+00	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	CARTGRID	1	371500	3762500	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	1.83E-08	9.65E-10	2.27E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	CARTGRID	1	371600	3762500	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	1.97E-08	1.03E-09	2.38E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	CARTGRID	1	371700	3762500	1.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	2.11E-08	1.10E-09	2.51E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	CARTGRID	1	371800	3762500	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-06	2.31E-08	1.20E-09	2.66E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	CARTGRID	1	371900	3762500	1.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-06	2.47E-08	1.28E-09	2.81E-09	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	CARTGRID	1	372000	3762500	2.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-06	2.65E-08	1.37E-09	2.97E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	CARTGRID	1	372100	3762500	2.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	2.76E-08	1.43E-09	3.12E-09	0.00E+00	0.00E+00	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	CARTGRID	1	372200	3762500	2.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-06	2.96E-08	1.53E-09	3.30E-09	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	CARTGRID	1	372300	3762500	2.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-06	3.21E-08	1.65E-09	3.50E-09	0.00E+00	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	CARTGRID	1	372400	3762500	2.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.54E-06	3.37E-08	1.73E-09	3.67E-09	0.00E+00	0.00E+00	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	CARTGRID	1	372500	3762500	2.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-06	3.38E-08	1.74E-09	3.74E-09	0.00E+00	0.00E+00	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	CARTGRID	1	372600	3762500	2.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-06	3.35E-08	1.73E-09	3.75E-09	0.00E+00	0.00E+00	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	CARTGRID	1	372700	3762500	2.99E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	3.57E-08	1.83E-09	3.79E-09	0.00E+00	0.00E+00	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	CARTGRID	1	372800	3762500	3.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-06	3.89E-08	1.99E-09	4.12E-09	0.00E+00	0.00E+00	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	CARTGRID	1	372900	3762500	3.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.29E-06	4.08E-08	2.06E-09	4.00E-09	0.00E+00	0.00E+00	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	CARTGRID	1	373000	3762500	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.44E-06	4.30E-08	2.11E-09	3.59E-09	0.00E+00	0.00E+00	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	CARTGRID	1	373100	3762500	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.45E-06	4.49E-08	2.15E-09	3.06E-09	0.00E+00	0.00E+00	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	CARTGRID	1	373200	3762500	3.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-06	4.61E-08	2.16E-09	2.59E-09	0.00E+00	0.00E+00	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	CARTGRID	1	373300	3762500	3.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-06	4.74E-08	2.19E-09	2.36E-09	0.00E+00	0.00E+00	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	CARTGRID	1	373400	3762500	4.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.14E-06	4.80E-08	2.20E-09	2.22E-09	0.00E+00	0.00E+00	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	CARTGRID	1	373500	3762500	5.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.45E-06	5.01E-08	2.30E-09	2.24E-09	0.00E+00	0.00E+00	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	CARTGRID	1	373600	3762500	8.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.01E-06	4.30E-08	1.96E-09	1.80E-09	0.00E+00	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	CARTGRID	1	373700	3762500	1.13E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-05	4.17E-08	1.90E-09	1.76E-09	0.00E+00	0.00E+00	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	CARTGRID	1	373800	3762500	1.64E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-05	4.05E-08	1.87E-09	2.00E-09	0.00E+00	0.00E+00	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	CARTGRID	1	373900	3762500	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-05	3.58E-08	1.66E-09	1.79E-09	0.00E+00	0.00E+00	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	CARTGRID	1	374000	3762500	1.85E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-05	3.60E-08	1.66E-09	1.72E-09	0.00E+00	0.00E+00	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	CARTGRID	1	374100	3762500	1.87E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-05	3.07E-08	1.41E-09	1.46E-09	0.00E+00	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	CARTGRID	1	374200	3762500	2.37E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-05	2.70E-08	1.26E-09	1.45E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
425	CARTGRID	1	374300	3762500	1.78E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-05	2.27E-08	1.07E-09	1.42E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	CARTGRID	1	374400	3762500	9.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.98E-06	1.88E-08	8.91E-10	1.18E-09	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	CARTGRID	1	374500	3762500	4.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.90E-06	1.36E-08	6.56E-10	9.90E-10	0.00E+00	0.00E+00	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	CARTGRID	1	374600	3762500	3.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.15E-06	1.07E-08	5.25E-10	8.65E-10	0.00E+00	0.00E+00	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	CARTGRID	1	374700	3762500	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	9.52E-09	4.69E-10	8.00E-10	0.00E+00	0.00E+00	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	CARTGRID	1	374800	3762500	1.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-06	8.45E-09	4.20E-10	7.54E-10	0.00E+00	0.00E+00	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	CARTGRID	1	374900	3762500	1.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-06	7.77E-09	3.89E-10	7.28E-10	0.00E+00	0.00E+00	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	CARTGRID	1	375000	3762500	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	7.71E-09	3.86E-10	7.28E-10	0.00E+00	0.00E+00	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	CARTGRID	1	371500	3762600	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	1.89E-08	9.88E-10	2.27E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	CARTGRID	1	371600	3762600	1.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	2.03E-08	1.06E-09	2.39E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	CARTGRID	1	371700	3762600	1.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-06	2.19E-08	1.14E-09	2.52E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	CARTGRID	1	371800	3762600	1.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-06	2.38E-08	1.23E-09	2.67E-09	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	CARTGRID	1	371900	3762600	2.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-06	2.65E-08	1.36E-09	2.84E-09	0.00E+00	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	CARTGRID	1	372000	3762600	2.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	2.87E-08	1.46E-09	3.01E-09	0.00E+00	0.00E+00	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	CARTGRID	1	372100	3762600	2.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-06	3.05E-08	1.56E-09	3.18E-09	0.00E+00	0.00E+00	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	CARTGRID	1	372200	3762600	2.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	3.20E-08	1.63E-09	3.34E-09	0.00E+00	0.00E+00	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	CARTGRID	1	372300	3762600	2.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.54E-06	3.52E-08	1.79E-09	3.57E-09	0.00E+00	0.00E+00	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	CARTGRID	1	372400	3762600	2.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-06	3.87E-08	1.96E-09	3.89E-09	0.00E+00	0.00E+00	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	CARTGRID	1	372500	3762600	3.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-06	4.01E-08	2.04E-09	4.08E-09	0.00E+00	0.00E+00	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	CARTGRID	1	372600	3762600	3.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-06	4.14E-08	2.11E-09	4.32E-09	0.00E+00	0.00E+00	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	CARTGRID	1	372700	3762600	3.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-06	3.95E-08	2.01E-09	4.08E-09	0.00E+00	0.00E+00	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	CARTGRID	1	372800	3762600	3.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.38E-06	4.18E-08	2.10E-09	4.06E-09	0.00E+00	0.00E+00	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	CARTGRID	1	372900	3762600	3.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-06	4.64E-08	2.33E-09	4.43E-09	0.00E+00	0.00E+00	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	CARTGRID	1	373000	3762600	3.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.67E-06	4.88E-08	2.39E-09	4.01E-09	0.00E+00	0.00E+00	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	CARTGRID	1	373100	3762600	3.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.72E-06	5.11E-08	2.43E-09	3.37E-09	0.00E+00	0.00E+00	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	CARTGRID	1	373200	3762600	3.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-06	5.22E-08	2.44E-09	2.86E-09	0.00E+00	0.00E+00	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	CARTGRID	1	373300	3762600	3.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.82E-06	5.30E-08	2.44E-09	2.55E-09	0.00E+00	0.00E+00	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	CARTGRID	1	373400	3762600	4.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.33E-06	5.54E-08	2.53E-09	2.39E-09	0.00E+00	0.00E+00	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	CARTGRID	1	373500	3762600	6.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.42E-06	6.08E-08	2.74E-09	2.26E-09	0.00E+00	0.00E+00	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	CARTGRID	1	373600	3762600	9.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.37E-06	5.70E-08	2.57E-09	2.02E-09	0.00E+00	0.00E+00	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	CARTGRID	1	373700	3762600	1.73E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-05	6.40E-08	2.86E-09	2.10E-09	0.00E+00	0.00E+00	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	CARTGRID	1	373800	3762600	1.48E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-05	5.87E-08	2.65E-09	2.24E-09	0.00E+00	0.00E+00	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	CARTGRID	1	373900	3762600	2.17E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-05	4.95E-08	2.25E-09	2.08E-09	0.00E+00	0.00E+00	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	CARTGRID	1	374000	3762600	1.60E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-05	4.95E-08	2.24E-09	1.96E-09	0.00E+00	0.00E+00	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	CARTGRID	1	374100	3762600	1.29E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-05	3.64E-08	1.66E-09	1.55E-09	0.00E+00	0.00E+00	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	CARTGRID	1	374200	3762600	1.46E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-05	3.13E-08	1.45E-09	1.60E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	CARTGRID	1	374300	3762600	1.44E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-05	2.52E-08	1.18E-09	1.44E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	CARTGRID	1	374400	3762600	6.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.05E-06	1.82E-08	8.60E-10	1.14E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	CARTGRID	1	374500	3762600	4.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.04E-06	1.37E-08	6.60E-10	9.97E-10	0.00E+00	0.00E+00	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	CARTGRID	1	374600	3762600	3.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.08E-06	1.16E-08	5.65E-10	9.09E-10	0.00E+00	0.00E+00	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	CARTGRID	1	374700	3762600	2.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-06	9.14E-09	4.53E-10	8.03E-10	0.00E+00	0.00E+00	6.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	CARTGRID	1	374800	3762600	1.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	7.91E-09	3.97E-10	7.54E-10	0.00E+00	0.00E+00	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	CARTGRID	1	374900	3762600	1.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	7.46E-09	3.77E-10	7.37E-10	0.00E+00	0.00E+00	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	CARTGRID	1	375000	3762600	1.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	7.29E-09	3.68E-10	7.22E-10	0.00E+00	0.00E+00	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	CARTGRID	1	371500	3762700	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	1.95E-08	1.01E-09	2.27E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	CARTGRID	1	371600	3762700	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.69E-06	2.10E-08	1.09E-09	2.39E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	CARTGRID	1	371700	3762700	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-06	2.28E-08	1.17E-09	2.53E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	CARTGRID	1	371800	3762700	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	2.48E-08	1.27E-09	2.67E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	CARTGRID	1	371900	3762700	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	2.75E-08	1.40E-09	2.84E-09	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	CARTGRID	1	372000	3762700	2.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-06	3.09E-08	1.56E-09	3.04E-09	0.00E+00	0.00E+00	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	CARTGRID	1	372100	3762700	2.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	3.37E-08	1.69E-09	3.23E-09	0.00E+00	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	CARTGRID	1	372200	3762700	2.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-06	3.53E-08	1.77E-09	3.39E-09	0.00E+00	0.00E+00	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	CARTGRID	1	372300	3762700	2.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-06	3.85E-08	1.93E-09	3.62E-09	0.00E+00	0.00E+00	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
478	CARTGRID	1	372400	3762700	3.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-06	4.26E-08	2.12E-09	3.91E-09	0.00E+00	0.00E+00	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	CARTGRID	1	372500	3762700	3.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-06	4.76E-08	2.39E-09	4.59E-09	0.00E+00	0.00E+00	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	CARTGRID	1	372600	3762700	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.43E-06	4.87E-08	2.46E-09	4.79E-09	0.00E+00	0.00E+00	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	CARTGRID	1	372700	3762700	3.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.61E-06	4.88E-08	2.46E-09	4.78E-09	0.00E+00	0.00E+00	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	CARTGRID	1	372800	3762700	3.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.81E-06	4.96E-08	2.49E-09	4.71E-09	0.00E+00	0.00E+00	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	CARTGRID	1	372900	3762700	4.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.05E-06	5.18E-08	2.56E-09	4.50E-09	0.00E+00	0.00E+00	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	CARTGRID	1	373000	3762700	4.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.04E-06	5.59E-08	2.74E-09	4.60E-09	0.00E+00	0.00E+00	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	CARTGRID	1	373100	3762700	4.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.21E-06	5.86E-08	2.80E-09	3.93E-09	0.00E+00	0.00E+00	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	CARTGRID	1	373200	3762700	4.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.31E-06	6.06E-08	2.83E-09	3.32E-09	0.00E+00	0.00E+00	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	CARTGRID	1	373300	3762700	4.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-06	6.28E-08	2.89E-09	2.90E-09	0.00E+00	0.00E+00	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	CARTGRID	1	373400	3762700	5.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.93E-06	6.88E-08	3.12E-09	2.72E-09	0.00E+00	0.00E+00	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	CARTGRID	1	373500	3762700	7.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.01E-06	7.71E-08	3.45E-09	2.55E-09	0.00E+00	0.00E+00	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	CARTGRID	1	373600	3762700	9.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.33E-06	7.73E-08	3.44E-09	2.32E-09	0.00E+00	0.00E+00	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	CARTGRID	1	373700	3762700	1.80E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-05	1.00E-07	4.42E-09	2.59E-09	0.00E+00	0.00E+00	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	CARTGRID	1	373800	3762700	1.32E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-05	1.08E-07	4.76E-09	2.64E-09	0.00E+00	0.00E+00	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	CARTGRID	1	373900	3762700	1.28E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-05	8.31E-08	3.69E-09	2.37E-09	0.00E+00	0.00E+00	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	CARTGRID	1	374000	3762700	1.33E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-05	6.73E-08	2.99E-09	1.97E-09	0.00E+00	0.00E+00	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	CARTGRID	1	374100	3762700	1.38E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-05	4.68E-08	2.11E-09	1.72E-09	0.00E+00	0.00E+00	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	CARTGRID	1	374200	3762700	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-05	3.62E-08	1.66E-09	1.69E-09	0.00E+00	0.00E+00	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	CARTGRID	1	374300	3762700	8.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.68E-06	2.42E-08	1.13E-09	1.31E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	CARTGRID	1	374400	3762700	7.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.57E-06	1.60E-08	7.64E-10	1.09E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	CARTGRID	1	374500	3762700	4.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.22E-06	1.30E-08	6.29E-10	9.76E-10	0.00E+00	0.00E+00	8.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	CARTGRID	1	374600	3762700	3.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-06	1.15E-08	5.65E-10	9.29E-10	0.00E+00	0.00E+00	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	CARTGRID	1	374700	3762700	2.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-06	9.99E-09	4.94E-10	8.66E-10	0.00E+00	0.00E+00	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	CARTGRID	1	374800	3762700	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-06	8.07E-09	4.05E-10	7.73E-10	0.00E+00	0.00E+00	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	CARTGRID	1	374900	3762700	1.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	7.31E-09	3.70E-10	7.33E-10	0.00E+00	0.00E+00	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	CARTGRID	1	375000	3762700	1.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-06	7.22E-09	3.65E-10	7.24E-10	0.00E+00	0.00E+00	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	CARTGRID	1	371500	3762800	1.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	2.01E-08	1.04E-09	2.27E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	CARTGRID	1	371600	3762800	1.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.77E-06	2.18E-08	1.12E-09	2.39E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	CARTGRID	1	371700	3762800	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-06	2.37E-08	1.21E-09	2.53E-09	0.00E+00	0.00E+00	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	CARTGRID	1	371800	3762800	2.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-06	2.58E-08	1.32E-09	2.67E-09	0.00E+00	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	CARTGRID	1	371900	3762800	2.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	2.83E-08	1.43E-09	2.83E-09	0.00E+00	0.00E+00	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	CARTGRID	1	372000	3762800	2.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-06	3.20E-08	1.61E-09	3.03E-09	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	CARTGRID	1	372100	3762800	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-06	3.69E-08	1.83E-09	3.30E-09	0.00E+00	0.00E+00	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	CARTGRID	1	372200	3762800	2.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-06	3.98E-08	1.97E-09	3.47E-09	0.00E+00	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	CARTGRID	1	372300	3762800	3.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.95E-06	4.32E-08	2.13E-09	3.68E-09	0.00E+00	0.00E+00	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	CARTGRID	1	372400	3762800	3.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.29E-06	4.92E-08	2.42E-09	4.07E-09	0.00E+00	0.00E+00	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	CARTGRID	1	372500	3762800	3.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-06	5.40E-08	2.66E-09	4.51E-09	0.00E+00	0.00E+00	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	CARTGRID	1	372600	3762800	3.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.78E-06	5.83E-08	2.92E-09	5.47E-09	0.00E+00	0.00E+00	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	CARTGRID	1	372700	3762800	4.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-06	5.87E-08	2.94E-09	5.59E-09	0.00E+00	0.00E+00	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	CARTGRID	1	372800	3762800	4.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-06	5.94E-08	3.02E-09	6.12E-09	0.00E+00	0.00E+00	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	CARTGRID	1	372900	3762800	4.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.55E-06	6.13E-08	3.03E-09	5.32E-09	0.00E+00	0.00E+00	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	CARTGRID	1	373000	3762800	4.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.85E-06	6.71E-08	3.30E-09	5.63E-09	0.00E+00	0.00E+00	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	CARTGRID	1	373100	3762800	5.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.88E-06	6.87E-08	3.29E-09	4.74E-09	0.00E+00	0.00E+00	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	CARTGRID	1	373200	3762800	6.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.25E-06	7.18E-08	3.35E-09	3.95E-09	0.00E+00	0.00E+00	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	CARTGRID	1	373300	3762800	6.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.23E-06	7.64E-08	3.49E-09	3.36E-09	0.00E+00	0.00E+00	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	CARTGRID	1	373400	3762800	6.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.79E-06	9.25E-08	4.17E-09	3.33E-09	0.00E+00	0.00E+00	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	CARTGRID	1	373500	3762800	9.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.04E-06	9.71E-08	4.31E-09	2.79E-09	0.00E+00	0.00E+00	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	CARTGRID	1	373600	3762800	1.52E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-05	1.07E-07	4.73E-09	2.73E-09	0.00E+00	0.00E+00	6.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	CARTGRID	1	373700	3762800	1.50E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-05	1.42E-07	6.21E-09	2.93E-09	0.00E+00	0.00E+00	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	CARTGRID	1	373800	3762800	1.25E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-05	2.35E-07	1.01E-08	3.37E-09	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	CARTGRID	1	373900	3762800	1.87E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-05	4.37E-07	1.87E-08	4.22E-09	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	CARTGRID	1	374000	3762800	1.39E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-05	1.26E-07	5.48E-09	2.51E-09	0.00E+00	0.00E+00	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
531	CARTGRID	1	374100	3762800	2.16E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-05	6.62E-08	2.95E-09	2.06E-09	0.00E+00	0.00E+00	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	CARTGRID	1	374200	3762800	1.71E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-05	3.49E-08	1.59E-09	1.50E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	CARTGRID	1	374300	3762800	9.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.60E-06	2.52E-08	1.17E-09	1.31E-09	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	CARTGRID	1	374400	3762800	5.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.12E-06	1.63E-08	7.75E-10	1.05E-09	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	CARTGRID	1	374500	3762800	3.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.78E-06	1.40E-08	6.75E-10	1.01E-09	0.00E+00	0.00E+00	9.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	CARTGRID	1	374600	3762800	3.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.14E-06	1.23E-08	5.99E-10	9.56E-10	0.00E+00	0.00E+00	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	CARTGRID	1	374700	3762800	2.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-06	1.22E-08	5.93E-10	9.32E-10	0.00E+00	0.00E+00	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	CARTGRID	1	374800	3762800	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-06	9.02E-09	4.49E-10	8.10E-10	0.00E+00	0.00E+00	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	CARTGRID	1	374900	3762800	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-06	8.14E-09	4.08E-10	7.65E-10	0.00E+00	0.00E+00	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	CARTGRID	1	375000	3762800	1.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-06	7.83E-09	3.93E-10	7.47E-10	0.00E+00	0.00E+00	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	CARTGRID	1	371500	3762900	1.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-06	2.08E-08	1.07E-09	2.26E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	CARTGRID	1	371600	3762900	1.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	2.27E-08	1.16E-09	2.39E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	CARTGRID	1	371700	3762900	2.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-06	2.47E-08	1.26E-09	2.52E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	CARTGRID	1	371800	3762900	2.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	2.71E-08	1.37E-09	2.67E-09	0.00E+00	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	CARTGRID	1	371900	3762900	2.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-06	2.99E-08	1.50E-09	2.83E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	CARTGRID	1	372000	3762900	2.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.54E-06	3.35E-08	1.67E-09	3.02E-09	0.00E+00	0.00E+00	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	CARTGRID	1	372100	3762900	3.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-06	3.97E-08	1.96E-09	3.37E-09	0.00E+00	0.00E+00	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	CARTGRID	1	372200	3762900	3.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-06	4.52E-08	2.21E-09	3.70E-09	0.00E+00	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	CARTGRID	1	372300	3762900	3.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-06	4.86E-08	2.36E-09	3.76E-09	0.00E+00	0.00E+00	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	CARTGRID	1	372400	3762900	3.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-06	5.45E-08	2.63E-09	4.05E-09	0.00E+00	0.00E+00	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	CARTGRID	1	372500	3762900	4.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.93E-06	6.48E-08	3.17E-09	5.18E-09	0.00E+00	0.00E+00	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	CARTGRID	1	372600	3762900	4.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.19E-06	6.96E-08	3.40E-09	5.50E-09	0.00E+00	0.00E+00	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	CARTGRID	1	372700	3762900	4.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.41E-06	7.21E-08	3.55E-09	6.03E-09	0.00E+00	0.00E+00	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	CARTGRID	1	372800	3762900	4.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.63E-06	7.09E-08	3.51E-09	6.23E-09	0.00E+00	0.00E+00	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	CARTGRID	1	372900	3762900	5.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.94E-06	7.28E-08	3.61E-09	6.44E-09	0.00E+00	0.00E+00	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	CARTGRID	1	373000	3762900	5.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.65E-06	7.90E-08	3.82E-09	5.86E-09	0.00E+00	0.00E+00	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	CARTGRID	1	373100	3762900	6.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.06E-06	8.56E-08	4.09E-09	5.78E-09	0.00E+00	0.00E+00	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	CARTGRID	1	373200	3762900	7.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.48E-06	8.45E-08	3.97E-09	4.88E-09	0.00E+00	0.00E+00	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	CARTGRID	1	373300	3762900	1.79E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-05	9.63E-08	4.39E-09	4.03E-09	0.00E+00	0.00E+00	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	CARTGRID	1	373400	3762900	2.19E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-05	1.18E-07	5.25E-09	3.51E-09	0.00E+00	0.00E+00	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	CARTGRID	1	373500	3762900	1.50E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-05	1.52E-07	6.67E-09	3.34E-09	0.00E+00	0.00E+00	8.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	CARTGRID	1	373600	3762900	2.61E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-05	1.62E-07	7.07E-09	3.25E-09	0.00E+00	0.00E+00	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	CARTGRID	1	373700	3762900	1.71E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-05	1.91E-07	8.29E-09	3.37E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	CARTGRID	1	373800	3762900	2.08E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-05	3.37E-07	1.44E-08	3.91E-09	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	CARTGRID	1	373900	3762900	3.51E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-05	7.64E-06	3.23E-07	3.94E-08	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	CARTGRID	1	374000	3762900	2.25E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-05	8.88E-07	3.77E-08	6.34E-09	0.00E+00	0.00E+00	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	CARTGRID	1	374100	3762900	1.40E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-05	1.78E-07	7.68E-09	2.44E-09	0.00E+00	0.00E+00	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	CARTGRID	1	374200	3762900	1.29E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-05	6.61E-08	2.91E-09	1.68E-09	0.00E+00	0.00E+00	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	CARTGRID	1	374300	3762900	5.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.68E-06	3.29E-08	1.50E-09	1.36E-09	0.00E+00	0.00E+00	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	CARTGRID	1	374400	3762900	3.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.84E-06	2.12E-08	9.83E-10	1.10E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	CARTGRID	1	374500	3762900	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.49E-06	1.73E-08	8.16E-10	1.05E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	CARTGRID	1	374600	3762900	3.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.97E-06	1.51E-08	7.20E-10	1.01E-09	0.00E+00	0.00E+00	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	CARTGRID	1	374700	3762900	3.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-06	1.67E-08	7.87E-10	1.03E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	CARTGRID	1	374800	3762900	2.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-06	1.25E-08	6.04E-10	9.18E-10	0.00E+00	0.00E+00	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	CARTGRID	1	374900	3762900	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	1.01E-08	4.96E-10	8.33E-10	0.00E+00	0.00E+00	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	CARTGRID	1	375000	3762900	1.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	9.37E-09	4.62E-10	8.00E-10	0.00E+00	0.00E+00	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	CARTGRID	1	371500	3763000	1.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	2.13E-08	1.09E-09	2.25E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	CARTGRID	1	371600	3763000	1.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	2.34E-08	1.19E-09	2.37E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	CARTGRID	1	371700	3763000	2.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	2.58E-08	1.30E-09	2.51E-09	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	CARTGRID	1	371800	3763000	2.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-06	2.85E-08	1.42E-09	2.66E-09	0.00E+00	0.00E+00	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	CARTGRID	1	371900	3763000	2.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-06	3.15E-08	1.57E-09	2.82E-09	0.00E+00	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	CARTGRID	1	372000	3763000	2.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-06	3.52E-08	1.74E-09	3.00E-09	0.00E+00	0.00E+00	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	CARTGRID	1	372100	3763000	3.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.97E-06	4.00E-08	1.96E-09	3.22E-09	0.00E+00	0.00E+00	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
584	CARTGRID	1	372200	3763000	3.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-06	4.90E-08	2.39E-09	3.83E-09	0.00E+00	0.00E+00	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	CARTGRID	1	372300	3763000	3.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.79E-06	5.65E-08	2.75E-09	4.35E-09	0.00E+00	0.00E+00	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	CARTGRID	1	372400	3763000	4.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.03E-06	6.36E-08	3.05E-09	4.43E-09	0.00E+00	0.00E+00	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	CARTGRID	1	372500	3763000	4.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.33E-06	7.36E-08	3.50E-09	4.84E-09	0.00E+00	0.00E+00	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	CARTGRID	1	372600	3763000	4.82E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.67E-06	8.59E-08	4.11E-09	5.90E-09	0.00E+00	0.00E+00	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	CARTGRID	1	372700	3763000	5.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.04E-06	9.26E-08	4.43E-09	6.30E-09	0.00E+00	0.00E+00	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	CARTGRID	1	372800	3763000	5.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.25E-06	8.96E-08	4.32E-09	6.51E-09	0.00E+00	0.00E+00	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	CARTGRID	1	372900	3763000	6.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.84E-06	9.02E-08	4.38E-09	6.96E-09	0.00E+00	0.00E+00	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	CARTGRID	1	373000	3763000	6.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.61E-06	9.74E-08	4.70E-09	7.15E-09	0.00E+00	0.00E+00	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	CARTGRID	1	373100	3763000	7.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.20E-06	9.59E-08	4.67E-09	7.52E-09	0.00E+00	0.00E+00	6.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	CARTGRID	1	373200	3763000	7.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.63E-06	1.01E-07	4.76E-09	6.27E-09	0.00E+00	0.00E+00	6.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	CARTGRID	1	373300	3763000	1.27E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-05	1.22E-07	5.56E-09	5.03E-09	0.00E+00	0.00E+00	7.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	CARTGRID	1	373400	3763000	1.40E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-05	1.53E-07	6.76E-09	4.11E-09	0.00E+00	0.00E+00	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	CARTGRID	1	373500	3763000	2.38E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.32E-05	3.52E-07	1.52E-08	4.66E-09	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	CARTGRID	1	373600	3763000	2.36E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-05	6.04E-07	2.58E-08	5.87E-09	0.00E+00	0.00E+00	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	CARTGRID	1	373700	3763000	2.10E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-05	7.21E-07	3.07E-08	6.24E-09	0.00E+00	0.00E+00	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	CARTGRID	1	373800	3763000	1.65E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-05	4.31E-07	1.84E-08	4.50E-09	0.00E+00	0.00E+00	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	CARTGRID	1	373900	3763000	3.10E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-05	8.07E-06	3.42E-07	4.15E-08	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	CARTGRID	1	374000	3763000	1.65E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-05	7.60E-07	3.23E-08	5.49E-09	0.00E+00	0.00E+00	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	CARTGRID	1	374100	3763000	8.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.02E-06	3.36E-07	1.44E-08	3.20E-09	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	CARTGRID	1	374200	3763000	6.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-06	1.50E-07	6.47E-09	2.10E-09	0.00E+00	0.00E+00	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	CARTGRID	1	374300	3763000	4.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.34E-06	6.99E-08	3.06E-09	1.49E-09	0.00E+00	0.00E+00	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	CARTGRID	1	374400	3763000	3.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-06	4.10E-08	1.83E-09	1.29E-09	0.00E+00	0.00E+00	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	CARTGRID	1	374500	3763000	3.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.08E-06	2.85E-08	1.30E-09	1.19E-09	0.00E+00	0.00E+00	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	CARTGRID	1	374600	3763000	2.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-06	2.22E-08	1.03E-09	1.11E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	CARTGRID	1	374700	3763000	3.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.14E-06	2.32E-08	1.07E-09	1.13E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	CARTGRID	1	374800	3763000	2.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.59E-06	1.82E-08	8.52E-10	1.04E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	CARTGRID	1	374900	3763000	1.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	1.26E-08	6.07E-10	9.03E-10	0.00E+00	0.00E+00	8.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	CARTGRID	1	375000	3763000	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-06	1.15E-08	5.58E-10	8.71E-10	0.00E+00	0.00E+00	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	CARTGRID	1	371500	3763100	1.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.86E-06	2.17E-08	1.10E-09	2.22E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	CARTGRID	1	371600	3763100	2.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	2.40E-08	1.21E-09	2.34E-09	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	CARTGRID	1	371700	3763100	2.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	2.67E-08	1.33E-09	2.48E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	CARTGRID	1	371800	3763100	2.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-06	2.97E-08	1.47E-09	2.63E-09	0.00E+00	0.00E+00	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	CARTGRID	1	371900	3763100	2.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-06	3.32E-08	1.63E-09	2.79E-09	0.00E+00	0.00E+00	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	CARTGRID	1	372000	3763100	2.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-06	3.75E-08	1.83E-09	2.98E-09	0.00E+00	0.00E+00	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	CARTGRID	1	372100	3763100	3.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.03E-06	4.19E-08	2.03E-09	3.17E-09	0.00E+00	0.00E+00	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	CARTGRID	1	372200	3763100	3.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.38E-06	4.80E-08	2.31E-09	3.41E-09	0.00E+00	0.00E+00	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	CARTGRID	1	372300	3763100	4.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.13E-06	6.11E-08	2.93E-09	4.30E-09	0.00E+00	0.00E+00	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	CARTGRID	1	372400	3763100	4.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-06	7.32E-08	3.49E-09	4.81E-09	0.00E+00	0.00E+00	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	CARTGRID	1	372500	3763100	4.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.83E-06	8.34E-08	3.92E-09	4.86E-09	0.00E+00	0.00E+00	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	CARTGRID	1	372600	3763100	5.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-06	1.02E-07	4.78E-09	5.57E-09	0.00E+00	0.00E+00	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	CARTGRID	1	372700	3763100	6.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.84E-06	1.20E-07	5.55E-09	5.88E-09	0.00E+00	0.00E+00	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	CARTGRID	1	372800	3763100	6.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.65E-06	1.28E-07	5.94E-09	6.81E-09	0.00E+00	0.00E+00	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	CARTGRID	1	372900	3763100	7.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.31E-06	1.25E-07	5.88E-09	7.56E-09	0.00E+00	0.00E+00	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	CARTGRID	1	373000	3763100	9.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.05E-06	1.04E-07	5.27E-09	1.07E-08	0.00E+00	0.00E+00	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	CARTGRID	1	373100	3763100	8.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.48E-06	1.15E-07	5.63E-09	9.53E-09	0.00E+00	0.00E+00	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	CARTGRID	1	373200	3763100	1.61E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-05	1.33E-07	6.24E-09	7.45E-09	0.00E+00	0.00E+00	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	CARTGRID	1	373300	3763100	2.33E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-05	1.56E-07	7.06E-09	6.04E-09	0.00E+00	0.00E+00	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	CARTGRID	1	373400	3763100	1.51E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-05	2.16E-07	9.48E-09	4.98E-09	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	CARTGRID	1	373500	3763100	1.78E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-05	6.80E-07	2.91E-08	7.12E-09	0.00E+00	0.00E+00	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	CARTGRID	1	373600	3763100	1.26E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-05	3.62E-07	1.57E-08	5.53E-09	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	CARTGRID	1	373700	3763100	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-05	5.21E-07	2.23E-08	5.79E-09	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	CARTGRID	1	373800	3763100	2.55E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-05	1.11E-06	4.73E-08	8.03E-09	0.00E+00	0.00E+00	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
637	CARTGRID	1	373900	3763100	3.49E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-05	5.79E-06	2.45E-07	3.06E-08	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	CARTGRID	1	374000	3763100	1.43E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-05	6.80E-07	2.90E-08	5.18E-09	0.00E+00	0.00E+00	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	CARTGRID	1	374100	3763100	6.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.46E-06	3.59E-07	1.53E-08	3.40E-09	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	CARTGRID	1	374200	3763100	5.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.26E-06	2.22E-07	9.51E-09	2.50E-09	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	CARTGRID	1	374300	3763100	3.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.66E-06	1.36E-07	5.85E-09	1.89E-09	0.00E+00	0.00E+00	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	CARTGRID	1	374400	3763100	3.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-06	8.67E-08	3.77E-09	1.64E-09	0.00E+00	0.00E+00	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	CARTGRID	1	374500	3763100	3.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.36E-06	6.14E-08	2.70E-09	1.49E-09	0.00E+00	0.00E+00	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	CARTGRID	1	374600	3763100	2.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-06	3.99E-08	1.79E-09	1.31E-09	0.00E+00	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	CARTGRID	1	374700	3763100	3.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.97E-06	3.52E-08	1.59E-09	1.28E-09	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	CARTGRID	1	374800	3763100	3.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-06	3.23E-08	1.47E-09	1.33E-09	0.00E+00	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	CARTGRID	1	374900	3763100	2.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-06	2.42E-08	1.12E-09	1.17E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	CARTGRID	1	375000	3763100	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-06	1.52E-08	7.22E-10	9.80E-10	0.00E+00	0.00E+00	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	CARTGRID	1	371500	3763200	1.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	2.19E-08	1.11E-09	2.17E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	CARTGRID	1	371600	3763200	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-06	2.44E-08	1.22E-09	2.29E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	CARTGRID	1	371700	3763200	2.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	2.73E-08	1.35E-09	2.43E-09	0.00E+00	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	CARTGRID	1	371800	3763200	2.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-06	3.06E-08	1.51E-09	2.58E-09	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	CARTGRID	1	371900	3763200	2.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-06	3.44E-08	1.68E-09	2.74E-09	0.00E+00	0.00E+00	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	CARTGRID	1	372000	3763200	3.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-06	4.00E-08	1.93E-09	2.94E-09	0.00E+00	0.00E+00	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	CARTGRID	1	372100	3763200	3.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-06	4.66E-08	2.23E-09	3.19E-09	0.00E+00	0.00E+00	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	CARTGRID	1	372200	3763200	3.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-06	5.17E-08	2.46E-09	3.37E-09	0.00E+00	0.00E+00	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	CARTGRID	1	372300	3763200	4.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.94E-06	5.95E-08	2.81E-09	3.63E-09	0.00E+00	0.00E+00	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	CARTGRID	1	372400	3763200	4.82E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.69E-06	7.36E-08	3.44E-09	4.05E-09	0.00E+00	0.00E+00	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	CARTGRID	1	372500	3763200	5.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.49E-06	9.57E-08	4.46E-09	5.11E-09	0.00E+00	0.00E+00	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	CARTGRID	1	372600	3763200	5.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.68E-06	1.25E-07	5.75E-09	5.72E-09	0.00E+00	0.00E+00	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	CARTGRID	1	372700	3763200	7.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.77E-06	1.70E-07	7.69E-09	6.46E-09	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	CARTGRID	1	372800	3763200	8.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.16E-06	2.23E-07	9.96E-09	7.27E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	CARTGRID	1	372900	3763200	2.04E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-05	2.02E-07	9.15E-09	8.17E-09	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	CARTGRID	1	373000	3763200	1.07E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-05	1.65E-07	7.74E-09	9.70E-09	0.00E+00	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	CARTGRID	1	373100	3763200	2.48E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-05	1.45E-07	7.02E-09	1.08E-08	0.00E+00	0.00E+00	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	CARTGRID	1	373200	3763200	1.66E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-05	1.63E-07	7.62E-09	9.32E-09	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	CARTGRID	1	373300	3763200	2.39E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-05	1.93E-07	8.77E-09	7.92E-09	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	CARTGRID	1	373400	3763200	2.64E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-05	3.91E-07	1.70E-08	7.16E-09	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	CARTGRID	1	373500	3763200	2.58E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-05	5.00E-07	2.16E-08	7.75E-09	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	CARTGRID	1	373600	3763200	1.36E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-05	5.41E-07	2.34E-08	9.18E-09	0.00E+00	0.00E+00	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	CARTGRID	1	373700	3763200	1.15E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.82E-06	1.03E-06	4.40E-08	8.99E-09	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	CARTGRID	1	373800	3763200	3.49E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-05	1.17E-05	4.96E-07	5.99E-08	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	CARTGRID	1	373900	3763200	2.28E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-05	1.72E-06	7.30E-08	1.09E-08	0.00E+00	0.00E+00	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	CARTGRID	1	374000	3763200	1.52E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-05	6.19E-07	2.64E-08	5.05E-09	0.00E+00	0.00E+00	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	CARTGRID	1	374100	3763200	6.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.56E-06	3.44E-07	1.47E-08	3.46E-09	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	CARTGRID	1	374200	3763200	4.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.67E-06	2.40E-07	1.03E-08	2.66E-09	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	CARTGRID	1	374300	3763200	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-06	1.84E-07	7.91E-09	2.38E-09	0.00E+00	0.00E+00	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	CARTGRID	1	374400	3763200	3.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-06	1.40E-07	6.06E-09	2.13E-09	0.00E+00	0.00E+00	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	CARTGRID	1	374500	3763200	3.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.46E-06	1.12E-07	4.87E-09	1.94E-09	0.00E+00	0.00E+00	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	CARTGRID	1	374600	3763200	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-06	6.84E-08	3.01E-09	1.62E-09	0.00E+00	0.00E+00	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	CARTGRID	1	374700	3763200	2.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-06	5.49E-08	2.43E-09	1.51E-09	0.00E+00	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	CARTGRID	1	374800	3763200	2.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-06	4.70E-08	2.10E-09	1.48E-09	0.00E+00	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	CARTGRID	1	374900	3763200	2.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-06	4.07E-08	1.84E-09	1.59E-09	0.00E+00	0.00E+00	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	CARTGRID	1	375000	3763200	2.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-06	2.96E-08	1.35E-09	1.30E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	CARTGRID	1	371500	3763300	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-06	2.20E-08	1.11E-09	2.11E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	CARTGRID	1	371600	3763300	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-06	2.46E-08	1.23E-09	2.23E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	CARTGRID	1	371700	3763300	2.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-06	2.77E-08	1.36E-09	2.36E-09	0.00E+00	0.00E+00	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	CARTGRID	1	371800	3763300	2.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-06	3.13E-08	1.53E-09	2.50E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	CARTGRID	1	371900	3763300	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-06	3.55E-08	1.72E-09	2.66E-09	0.00E+00	0.00E+00	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
690	CARTGRID	1	372000	3763300	3.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.14E-06	4.07E-08	1.95E-09	2.83E-09	0.00E+00	0.00E+00	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	CARTGRID	1	372100	3763300	3.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-06	4.86E-08	2.30E-09	3.08E-09	0.00E+00	0.00E+00	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	CARTGRID	1	372200	3763300	4.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.29E-06	5.80E-08	2.72E-09	3.39E-09	0.00E+00	0.00E+00	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	CARTGRID	1	372300	3763300	4.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.63E-06	6.69E-08	3.12E-09	3.61E-09	0.00E+00	0.00E+00	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	CARTGRID	1	372400	3763300	5.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.10E-06	7.99E-08	3.69E-09	3.92E-09	0.00E+00	0.00E+00	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	CARTGRID	1	372500	3763300	5.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.67E-06	9.80E-08	4.48E-09	4.30E-09	0.00E+00	0.00E+00	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	CARTGRID	1	372600	3763300	7.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.23E-06	1.46E-07	6.64E-09	5.97E-09	0.00E+00	0.00E+00	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	CARTGRID	1	372700	3763300	7.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.58E-06	2.24E-07	9.95E-09	6.73E-09	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	CARTGRID	1	372800	3763300	1.38E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-05	4.49E-07	1.96E-08	8.46E-09	0.00E+00	0.00E+00	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	CARTGRID	1	372900	3763300	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-05	7.70E-07	3.32E-08	1.13E-08	0.00E+00	0.00E+00	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	CARTGRID	1	373000	3763300	1.54E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-05	3.59E-07	1.59E-08	9.82E-09	0.00E+00	0.00E+00	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	CARTGRID	1	373100	3763300	2.03E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-05	2.27E-07	1.04E-08	1.03E-08	0.00E+00	0.00E+00	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	CARTGRID	1	373200	3763300	2.26E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-05	2.12E-07	9.94E-09	1.22E-08	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	CARTGRID	1	373300	3763300	1.69E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-05	2.27E-07	1.07E-08	1.38E-08	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	CARTGRID	1	373400	3763300	2.61E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-05	1.61E-06	6.89E-08	1.82E-08	0.00E+00	0.00E+00	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	CARTGRID	1	373500	3763300	2.54E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-05	8.94E-07	3.86E-08	1.36E-08	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	CARTGRID	1	373600	3763300	2.48E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-05	3.08E-06	1.31E-07	2.18E-08	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	CARTGRID	1	373700	3763300	2.33E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-05	2.47E-06	1.05E-07	1.69E-08	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	CARTGRID	1	373800	3763300	1.41E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-05	1.33E-06	5.67E-08	1.03E-08	0.00E+00	0.00E+00	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	CARTGRID	1	373900	3763300	2.25E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-05	7.93E-07	3.38E-08	6.80E-09	0.00E+00	0.00E+00	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	CARTGRID	1	374000	3763300	8.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.06E-06	4.52E-07	1.94E-08	4.87E-09	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	CARTGRID	1	374100	3763300	5.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.93E-06	3.24E-07	1.39E-08	3.75E-09	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	CARTGRID	1	374200	3763300	4.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-06	2.45E-07	1.05E-08	3.02E-09	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	CARTGRID	1	374300	3763300	3.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-06	1.98E-07	8.52E-09	2.71E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	CARTGRID	1	374400	3763300	3.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.85E-06	1.62E-07	7.00E-09	2.52E-09	0.00E+00	0.00E+00	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	CARTGRID	1	374500	3763300	3.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.62E-06	1.66E-07	7.19E-09	2.56E-09	0.00E+00	0.00E+00	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	CARTGRID	1	374600	3763300	2.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-06	9.45E-08	4.13E-09	1.98E-09	0.00E+00	0.00E+00	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	CARTGRID	1	374700	3763300	2.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-06	7.54E-08	3.32E-09	1.82E-09	0.00E+00	0.00E+00	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	CARTGRID	1	374800	3763300	2.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	6.32E-08	2.80E-09	1.71E-09	0.00E+00	0.00E+00	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
719	CARTGRID	1	374900	3763300	2.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-06	5.63E-08	2.51E-09	1.74E-09	0.00E+00	0.00E+00	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	CARTGRID	1	375000	3763300	2.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-06	4.71E-08	2.13E-09	1.80E-09	0.00E+00	0.00E+00	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	CARTGRID	1	371500	3763400	2.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	2.20E-08	1.10E-09	2.04E-09	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	CARTGRID	1	371600	3763400	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	2.47E-08	1.22E-09	2.15E-09	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	CARTGRID	1	371700	3763400	2.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	2.79E-08	1.37E-09	2.27E-09	0.00E+00	0.00E+00	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	CARTGRID	1	371800	3763400	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-06	3.17E-08	1.54E-09	2.41E-09	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	CARTGRID	1	371900	3763400	3.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-06	3.64E-08	1.75E-09	2.55E-09	0.00E+00	0.00E+00	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	CARTGRID	1	372000	3763400	3.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.39E-06	4.21E-08	2.00E-09	2.72E-09	0.00E+00	0.00E+00	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	CARTGRID	1	372100	3763400	3.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.81E-06	4.93E-08	2.32E-09	2.91E-09	0.00E+00	0.00E+00	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	CARTGRID	1	372200	3763400	4.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.46E-06	5.92E-08	2.76E-09	3.16E-09	0.00E+00	0.00E+00	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	CARTGRID	1	372300	3763400	5.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.48E-06	7.45E-08	3.44E-09	3.65E-09	0.00E+00	0.00E+00	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	CARTGRID	1	372400	3763400	6.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.35E-06	9.43E-08	4.34E-09	4.51E-09	0.00E+00	0.00E+00	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	CARTGRID	1	372500	3763400	7.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.25E-06	1.12E-07	5.07E-09	4.23E-09	0.00E+00	0.00E+00	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	CARTGRID	1	372600	3763400	9.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.20E-06	1.51E-07	6.75E-09	4.75E-09	0.00E+00	0.00E+00	8.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	CARTGRID	1	372700	3763400	1.77E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-05	2.42E-07	1.07E-08	5.76E-09	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	CARTGRID	1	372800	3763400	1.55E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-05	6.12E-07	2.64E-08	8.64E-09	0.00E+00	0.00E+00	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	CARTGRID	1	372900	3763400	3.32E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-05	4.38E-06	1.86E-07	2.86E-08	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	CARTGRID	1	373000	3763400	4.25E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-05	8.71E-06	3.69E-07	5.00E-08	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	CARTGRID	1	373100	3763400	2.75E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-05	1.08E-06	4.62E-08	1.31E-08	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	CARTGRID	1	373200	3763400	2.19E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-05	4.10E-07	1.84E-08	1.33E-08	0.00E+00	0.00E+00	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	CARTGRID	1	373300	3763400	2.39E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-05	3.28E-07	1.60E-08	2.62E-08	0.00E+00	0.00E+00	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	CARTGRID	1	373400	3763400	2.55E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-05	4.50E-07	2.55E-08	7.64E-08	0.00E+00	0.00E+00	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	CARTGRID	1	373500	3763400	2.89E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-05	1.21E-06	5.30E-08	2.59E-08	0.00E+00	0.00E+00	6.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	CARTGRID	1	373600	3763400	2.70E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-05	2.43E-06	1.04E-07	2.13E-08	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
743	CARTGRID	1	373700	3763400	2.30E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-05	1.18E-06	5.06E-08	1.24E-08	0.00E+00	0.00E+00	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	CARTGRID	1	373800	3763400	1.36E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-05	7.92E-07	3.40E-08	9.51E-09	0.00E+00	0.00E+00	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	CARTGRID	1	373900	3763400	1.00E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.30E-06	4.65E-07	2.01E-08	6.81E-09	0.00E+00	0.00E+00	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	CARTGRID	1	374000	3763400	6.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.54E-06	3.23E-07	1.40E-08	5.40E-09	0.00E+00	0.00E+00	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	CARTGRID	1	374100	3763400	5.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.61E-06	2.76E-07	1.19E-08	4.37E-09	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	CARTGRID	1	374200	3763400	3.82E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.45E-06	2.36E-07	1.02E-08	3.71E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	CARTGRID	1	374300	3763400	3.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-06	2.02E-07	8.77E-09	3.35E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	CARTGRID	1	374400	3763400	3.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-06	1.77E-07	7.69E-09	3.16E-09	0.00E+00	0.00E+00	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	CARTGRID	1	374500	3763400	4.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.70E-06	2.01E-07	8.72E-09	3.34E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	CARTGRID	1	374600	3763400	2.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-06	1.24E-07	5.41E-09	2.55E-09	0.00E+00	0.00E+00	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	CARTGRID	1	374700	3763400	2.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-06	9.59E-08	4.21E-09	2.24E-09	0.00E+00	0.00E+00	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	CARTGRID	1	374800	3763400	2.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-06	8.22E-08	3.63E-09	2.08E-09	0.00E+00	0.00E+00	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	CARTGRID	1	374900	3763400	2.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-06	6.84E-08	3.03E-09	1.93E-09	0.00E+00	0.00E+00	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	CARTGRID	1	375000	3763400	2.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-06	5.83E-08	2.60E-09	1.84E-09	0.00E+00	0.00E+00	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	CARTGRID	1	371500	3763500	2.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-06	2.17E-08	1.08E-09	1.95E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	CARTGRID	1	371600	3763500	2.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-06	2.45E-08	1.20E-09	2.05E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	CARTGRID	1	371700	3763500	2.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-06	2.78E-08	1.35E-09	2.16E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	CARTGRID	1	371800	3763500	2.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-06	3.19E-08	1.54E-09	2.29E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	CARTGRID	1	371900	3763500	3.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.25E-06	3.69E-08	1.76E-09	2.42E-09	0.00E+00	0.00E+00	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	CARTGRID	1	372000	3763500	3.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.66E-06	4.30E-08	2.03E-09	2.57E-09	0.00E+00	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	CARTGRID	1	372100	3763500	4.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.14E-06	5.07E-08	2.36E-09	2.75E-09	0.00E+00	0.00E+00	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	CARTGRID	1	372200	3763500	4.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.76E-06	6.08E-08	2.81E-09	2.96E-09	0.00E+00	0.00E+00	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	CARTGRID	1	372300	3763500	5.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.69E-06	7.42E-08	3.39E-09	3.22E-09	0.00E+00	0.00E+00	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	CARTGRID	1	372400	3763500	8.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.36E-06	9.94E-08	4.52E-09	4.05E-09	0.00E+00	0.00E+00	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	CARTGRID	1	372500	3763500	9.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.96E-06	1.25E-07	5.61E-09	4.18E-09	0.00E+00	0.00E+00	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	CARTGRID	1	372600	3763500	1.25E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-05	1.77E-07	7.86E-09	5.17E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	CARTGRID	1	372700	3763500	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-05	2.71E-07	1.18E-08	5.66E-09	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	CARTGRID	1	372800	3763500	1.95E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-05	6.49E-07	2.79E-08	8.15E-09	0.00E+00	0.00E+00	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	CARTGRID	1	372900	3763500	2.98E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-05	3.11E-06	1.32E-07	2.11E-08	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	CARTGRID	1	373000	3763500	2.19E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-05	1.21E-06	5.15E-08	1.19E-08	0.00E+00	0.00E+00	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	CARTGRID	1	373100	3763500	4.10E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-05	9.20E-06	3.90E-07	5.15E-08	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	CARTGRID	1	373200	3763500	3.34E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-05	1.46E-06	6.27E-08	1.63E-08	0.00E+00	0.00E+00	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	CARTGRID	1	373300	3763500	3.01E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-05	7.56E-07	3.37E-08	2.28E-08	0.00E+00	0.00E+00	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	CARTGRID	1	373400	3763500	2.26E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-05	7.47E-07	3.46E-08	3.85E-08	0.00E+00	0.00E+00	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	CARTGRID	1	373500	3763500	3.93E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.80E-05	6.78E-06	3.06E-07	2.54E-07	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	CARTGRID	1	373600	3763500	1.85E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-05	1.12E-06	5.23E-08	6.32E-08	0.00E+00	0.00E+00	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	CARTGRID	1	373700	3763500	1.77E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-05	8.22E-07	3.72E-08	3.15E-08	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	CARTGRID	1	373800	3763500	1.62E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-05	6.04E-07	2.68E-08	1.79E-08	0.00E+00	0.00E+00	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	CARTGRID	1	373900	3763500	9.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.20E-06	3.93E-07	1.75E-08	1.16E-08	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	CARTGRID	1	374000	3763500	6.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.06E-06	2.75E-07	1.23E-08	8.47E-09	0.00E+00	0.00E+00	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	CARTGRID	1	374100	3763500	4.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.96E-06	2.33E-07	1.03E-08	6.14E-09	0.00E+00	0.00E+00	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	CARTGRID	1	374200	3763500	3.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-06	2.14E-07	9.42E-09	5.22E-09	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	CARTGRID	1	374300	3763500	3.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.26E-06	2.06E-07	9.07E-09	4.85E-09	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	CARTGRID	1	374400	3763500	3.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-06	1.99E-07	8.72E-09	4.32E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	CARTGRID	1	374500	3763500	3.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.40E-06	1.98E-07	8.62E-09	3.98E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	CARTGRID	1	374600	3763500	3.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.28E-06	1.79E-07	7.81E-09	3.75E-09	0.00E+00	0.00E+00	9.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	CARTGRID	1	374700	3763500	2.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	1.11E-07	4.89E-09	2.81E-09	0.00E+00	0.00E+00	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	CARTGRID	1	374800	3763500	2.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	9.40E-08	4.16E-09	2.53E-09	0.00E+00	0.00E+00	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	CARTGRID	1	374900	3763500	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	8.22E-08	3.65E-09	2.34E-09	0.00E+00	0.00E+00	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	CARTGRID	1	375000	3763500	2.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	7.61E-08	3.38E-09	2.26E-09	0.00E+00	0.00E+00	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	CARTGRID	1	371500	3763600	2.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-06	2.13E-08	1.05E-09	1.85E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	CARTGRID	1	371600	3763600	2.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-06	2.41E-08	1.18E-09	1.94E-09	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	CARTGRID	1	371700	3763600	2.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	2.75E-08	1.33E-09	2.04E-09	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
796	CARTGRID	1	371800	3763600	3.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-06	3.18E-08	1.52E-09	2.15E-09	0.00E+00	0.00E+00	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	CARTGRID	1	371900	3763600	3.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-06	3.71E-08	1.75E-09	2.27E-09	0.00E+00	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	CARTGRID	1	372000	3763600	4.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-06	4.38E-08	2.04E-09	2.41E-09	0.00E+00	0.00E+00	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	CARTGRID	1	372100	3763600	4.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.64E-06	5.22E-08	2.41E-09	2.57E-09	0.00E+00	0.00E+00	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	CARTGRID	1	372200	3763600	5.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.59E-06	6.44E-08	2.94E-09	2.78E-09	0.00E+00	0.00E+00	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	CARTGRID	1	372300	3763600	6.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.58E-06	8.01E-08	3.62E-09	3.04E-09	0.00E+00	0.00E+00	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	CARTGRID	1	372400	3763600	9.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.33E-06	1.08E-07	4.88E-09	3.99E-09	0.00E+00	0.00E+00	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	CARTGRID	1	372500	3763600	1.49E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-05	1.38E-07	6.16E-09	4.17E-09	0.00E+00	0.00E+00	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	CARTGRID	1	372600	3763600	1.30E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-05	2.00E-07	8.82E-09	4.86E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	CARTGRID	1	372700	3763600	1.70E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-05	3.50E-07	1.52E-08	5.58E-09	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	CARTGRID	1	372800	3763600	1.82E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-05	1.44E-06	6.14E-08	1.13E-08	0.00E+00	0.00E+00	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	CARTGRID	1	372900	3763600	1.89E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-05	2.00E-06	8.48E-08	1.44E-08	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	CARTGRID	1	373000	3763600	2.83E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-05	8.87E-07	3.79E-08	8.96E-09	0.00E+00	0.00E+00	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
809	CARTGRID	1	373100	3763600	2.85E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.67E-05	1.11E-06	4.75E-08	1.01E-08	0.00E+00	0.00E+00	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	CARTGRID	1	373200	3763600	5.02E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-05	1.22E-05	5.17E-07	6.55E-08	0.00E+00	0.00E+00	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	CARTGRID	1	373300	3763600	3.32E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-05	2.71E-06	1.16E-07	2.20E-08	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	CARTGRID	1	373400	3763600	4.48E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.19E-05	8.16E-06	3.46E-07	5.00E-08	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	CARTGRID	1	373500	3763600	1.88E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-05	2.22E-06	9.63E-08	3.70E-08	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	CARTGRID	1	373600	3763600	1.47E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-05	9.18E-07	4.36E-08	5.88E-08	0.00E+00	0.00E+00	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	CARTGRID	1	373700	3763600	1.22E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-05	7.01E-07	3.38E-08	5.11E-08	0.00E+00	0.00E+00	4.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	CARTGRID	1	373800	3763600	1.15E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-05	5.36E-07	2.54E-08	3.36E-08	0.00E+00	0.00E+00	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	CARTGRID	1	373900	3763600	9.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.05E-06	3.84E-07	1.80E-08	2.23E-08	0.00E+00	0.00E+00	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	CARTGRID	1	374000	3763600	4.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.20E-06	2.45E-07	1.16E-08	1.50E-08	0.00E+00	0.00E+00	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	CARTGRID	1	374100	3763600	3.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-06	2.06E-07	9.45E-09	9.57E-09	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	CARTGRID	1	374200	3763600	3.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-06	1.94E-07	8.82E-09	8.07E-09	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	CARTGRID	1	374300	3763600	3.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.37E-06	1.98E-07	8.93E-09	7.08E-09	0.00E+00	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	CARTGRID	1	374400	3763600	4.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-06	2.17E-07	9.64E-09	6.13E-09	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	CARTGRID	1	374500	3763600	3.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.57E-06	2.12E-07	9.38E-09	5.61E-09	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	CARTGRID	1	374600	3763600	3.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.37E-06	1.91E-07	8.46E-09	5.16E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	CARTGRID	1	374700	3763600	2.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-06	1.24E-07	5.53E-09	3.68E-09	0.00E+00	0.00E+00	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	CARTGRID	1	374800	3763600	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	1.07E-07	4.77E-09	3.24E-09	0.00E+00	0.00E+00	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	CARTGRID	1	374900	3763600	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	9.72E-08	4.33E-09	2.95E-09	0.00E+00	0.00E+00	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	CARTGRID	1	375000	3763600	2.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	9.08E-08	4.05E-09	2.77E-09	0.00E+00	0.00E+00	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	CARTGRID	1	371500	3763700	2.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	2.08E-08	1.02E-09	1.74E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	CARTGRID	1	371600	3763700	2.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.32E-06	2.35E-08	1.14E-09	1.82E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	CARTGRID	1	371700	3763700	2.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-06	2.70E-08	1.30E-09	1.91E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	CARTGRID	1	371800	3763700	3.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-06	3.13E-08	1.49E-09	2.01E-09	0.00E+00	0.00E+00	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	CARTGRID	1	371900	3763700	3.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-06	3.68E-08	1.73E-09	2.12E-09	0.00E+00	0.00E+00	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	CARTGRID	1	372000	3763700	4.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-06	4.40E-08	2.04E-09	2.24E-09	0.00E+00	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	CARTGRID	1	372100	3763700	5.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.34E-06	5.31E-08	2.43E-09	2.38E-09	0.00E+00	0.00E+00	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	CARTGRID	1	372200	3763700	6.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.69E-06	6.55E-08	2.97E-09	2.55E-09	0.00E+00	0.00E+00	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	CARTGRID	1	372300	3763700	1.03E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.02E-05	8.26E-08	3.70E-09	2.76E-09	0.00E+00	0.00E+00	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	CARTGRID	1	372400	3763700	9.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.67E-06	1.17E-07	5.22E-09	3.57E-09	0.00E+00	0.00E+00	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	CARTGRID	1	372500	3763700	1.67E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-05	1.59E-07	6.99E-09	3.87E-09	0.00E+00	0.00E+00	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	CARTGRID	1	372600	3763700	1.92E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-05	2.32E-07	1.01E-08	4.55E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	CARTGRID	1	372700	3763700	1.74E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-05	5.32E-07	2.28E-08	5.87E-09	0.00E+00	0.00E+00	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	CARTGRID	1	372800	3763700	3.51E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.70E-05	5.14E-06	2.18E-07	2.88E-08	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	CARTGRID	1	372900	3763700	2.49E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-05	1.14E-06	4.85E-08	9.19E-09	0.00E+00	0.00E+00	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	CARTGRID	1	373000	3763700	2.13E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-05	6.58E-07	2.81E-08	6.85E-09	0.00E+00	0.00E+00	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	CARTGRID	1	373100	3763700	2.58E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-05	5.48E-07	2.35E-08	6.23E-09	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	CARTGRID	1	373200	3763700	2.38E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-05	7.51E-07	3.22E-08	7.76E-09	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	CARTGRID	1	373300	3763700	3.22E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-05	1.63E-06	6.93E-08	1.26E-08	0.00E+00	0.00E+00	8.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	CARTGRID	1	373400	3763700	2.30E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-05	1.91E-06	8.13E-08	1.46E-08	0.00E+00	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
849	CARTGRID	1	373500	3763700	1.33E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-05	1.25E-06	5.36E-08	1.29E-08	0.00E+00	0.00E+00	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	CARTGRID	1	373600	3763700	9.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.37E-06	8.96E-07	3.95E-08	2.26E-08	0.00E+00	0.00E+00	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	CARTGRID	1	373700	3763700	9.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.87E-06	6.85E-07	3.17E-08	3.42E-08	0.00E+00	0.00E+00	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	CARTGRID	1	373800	3763700	7.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.03E-06	5.25E-07	2.52E-08	3.64E-08	0.00E+00	0.00E+00	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	CARTGRID	1	373900	3763700	4.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-06	2.96E-07	1.52E-08	3.19E-08	0.00E+00	0.00E+00	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	CARTGRID	1	374000	3763700	4.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.86E-06	2.41E-07	1.21E-08	2.29E-08	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	CARTGRID	1	374100	3763700	3.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.35E-06	2.05E-07	1.00E-08	1.63E-08	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	CARTGRID	1	374200	3763700	3.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-06	1.77E-07	8.42E-09	1.14E-08	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	CARTGRID	1	374300	3763700	3.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-06	1.67E-07	7.80E-09	9.46E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	CARTGRID	1	374400	3763700	3.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.01E-06	1.75E-07	8.03E-09	8.16E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	CARTGRID	1	374500	3763700	3.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.40E-06	2.00E-07	9.00E-09	7.17E-09	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	CARTGRID	1	374600	3763700	3.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.29E-06	1.88E-07	8.40E-09	6.08E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	CARTGRID	1	374700	3763700	2.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	1.39E-07	6.27E-09	4.93E-09	0.00E+00	0.00E+00	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	CARTGRID	1	374800	3763700	2.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-06	1.19E-07	5.36E-09	4.22E-09	0.00E+00	0.00E+00	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	CARTGRID	1	374900	3763700	2.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	1.09E-07	4.88E-09	3.75E-09	0.00E+00	0.00E+00	6.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	CARTGRID	1	375000	3763700	2.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	1.01E-07	4.54E-09	3.42E-09	0.00E+00	0.00E+00	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	CARTGRID	1	371500	3763800	2.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-06	2.01E-08	9.85E-10	1.63E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	CARTGRID	1	371600	3763800	2.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	2.28E-08	1.10E-09	1.70E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	CARTGRID	1	371700	3763800	2.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-06	2.61E-08	1.25E-09	1.78E-09	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	CARTGRID	1	371800	3763800	3.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-06	3.05E-08	1.44E-09	1.87E-09	0.00E+00	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	CARTGRID	1	371900	3763800	3.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.89E-06	3.61E-08	1.68E-09	1.96E-09	0.00E+00	0.00E+00	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	CARTGRID	1	372000	3763800	4.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-06	4.35E-08	2.00E-09	2.07E-09	0.00E+00	0.00E+00	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	CARTGRID	1	372100	3763800	6.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.24E-06	5.34E-08	2.43E-09	2.19E-09	0.00E+00	0.00E+00	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	CARTGRID	1	372200	3763800	9.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.18E-06	6.69E-08	3.01E-09	2.35E-09	0.00E+00	0.00E+00	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	CARTGRID	1	372300	3763800	1.85E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-05	8.89E-08	3.95E-09	2.63E-09	0.00E+00	0.00E+00	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	CARTGRID	1	372400	3763800	1.20E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-05	1.25E-07	5.52E-09	3.38E-09	0.00E+00	0.00E+00	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	CARTGRID	1	372500	3763800	1.12E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-05	1.89E-07	8.23E-09	3.52E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	CARTGRID	1	372600	3763800	1.93E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-05	3.39E-07	1.46E-08	4.37E-09	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	CARTGRID	1	372700	3763800	2.69E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-05	1.23E-06	5.23E-08	8.87E-09	0.00E+00	0.00E+00	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	CARTGRID	1	372800	3763800	2.92E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-05	2.19E-06	9.30E-08	1.37E-08	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	CARTGRID	1	372900	3763800	2.68E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-05	7.85E-07	3.35E-08	7.10E-09	0.00E+00	0.00E+00	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	CARTGRID	1	373000	3763800	3.22E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-05	5.19E-07	2.22E-08	5.58E-09	0.00E+00	0.00E+00	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	CARTGRID	1	373100	3763800	2.72E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-05	4.06E-07	1.74E-08	4.87E-09	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	CARTGRID	1	373200	3763800	2.06E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-05	4.12E-07	1.77E-08	5.05E-09	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	CARTGRID	1	373300	3763800	2.48E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-05	5.03E-07	2.16E-08	5.72E-09	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	CARTGRID	1	373400	3763800	1.36E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-05	6.86E-07	2.93E-08	6.63E-09	0.00E+00	0.00E+00	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
885	CARTGRID	1	373500	3763800	1.00E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.89E-06	7.16E-07	3.06E-08	7.29E-09	0.00E+00	0.00E+00	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
886	CARTGRID	1	373600	3763800	8.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.45E-06	7.14E-07	3.09E-08	1.09E-08	0.00E+00	0.00E+00	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
887	CARTGRID	1	373700	3763800	7.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.86E-06	6.58E-07	2.92E-08	1.86E-08	0.00E+00	0.00E+00	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
888	CARTGRID	1	373800	3763800	5.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.82E-06	4.49E-07	2.12E-08	2.68E-08	0.00E+00	0.00E+00	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
889	CARTGRID	1	373900	3763800	4.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.59E-06	3.04E-07	1.51E-08	2.69E-08	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
890	CARTGRID	1	374000	3763800	4.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.59E-06	2.63E-07	1.32E-08	2.47E-08	0.00E+00	0.00E+00	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
891	CARTGRID	1	374100	3763800	4.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.64E-06	2.39E-07	1.18E-08	2.02E-08	0.00E+00	0.00E+00	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
892	CARTGRID	1	374200	3763800	3.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.70E-06	1.76E-07	8.64E-09	1.48E-08	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
893	CARTGRID	1	374300	3763800	2.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-06	1.61E-07	7.79E-09	1.22E-08	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
894	CARTGRID	1	374400	3763800	2.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.46E-06	1.50E-07	7.15E-09	1.01E-08	0.00E+00	0.00E+00	9.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
895	CARTGRID	1	374500	3763800	2.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	1.50E-07	7.05E-09	8.68E-09	0.00E+00	0.00E+00	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
896	CARTGRID	1	374600	3763800	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.21E-06	1.85E-07	8.39E-09	7.54E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
897	CARTGRID	1	374700	3763800	3.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-06	1.69E-07	7.70E-09	6.94E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
898	CARTGRID	1	374800	3763800	2.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-06	1.31E-07	5.98E-09	5.45E-09	0.00E+00	0.00E+00	7.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
899	CARTGRID	1	374900	3763800	2.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-06	1.11E-07	5.06E-09	4.65E-09	0.00E+00	0.00E+00	6.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900	CARTGRID	1	375000	3763800	2.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-06	1.03E-07	4.68E-09	4.13E-09	0.00E+00	0.00E+00	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
901	CARTGRID	1	371500	3763900	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	1.94E-08	9.48E-10	1.53E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
902	CARTGRID	1	371600	3763900	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	2.20E-08	1.06E-09	1.59E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
903	CARTGRID	1	371700	3763900	2.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-06	2.52E-08	1.20E-09	1.66E-09	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
904	CARTGRID	1	371800	3763900	3.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-06	2.94E-08	1.38E-09	1.73E-09	0.00E+00	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
905	CARTGRID	1	371900	3763900	4.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.02E-06	3.49E-08	1.62E-09	1.82E-09	0.00E+00	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
906	CARTGRID	1	372000	3763900	5.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.54E-06	4.25E-08	1.95E-09	1.91E-09	0.00E+00	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
907	CARTGRID	1	372100	3763900	7.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.10E-06	5.39E-08	2.43E-09	2.04E-09	0.00E+00	0.00E+00	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
908	CARTGRID	1	372200	3763900	1.55E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-05	6.85E-08	3.06E-09	2.17E-09	0.00E+00	0.00E+00	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
909	CARTGRID	1	372300	3763900	1.68E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-05	8.93E-08	3.95E-09	2.35E-09	0.00E+00	0.00E+00	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
910	CARTGRID	1	372400	3763900	1.84E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-05	1.30E-07	5.68E-09	2.84E-09	0.00E+00	0.00E+00	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
911	CARTGRID	1	372500	3763900	2.44E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.40E-05	1.95E-07	8.46E-09	3.28E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
912	CARTGRID	1	372600	3763900	2.36E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-05	3.97E-07	1.70E-08	4.50E-09	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913	CARTGRID	1	372700	3763900	3.45E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-05	5.69E-06	2.41E-07	3.02E-08	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
914	CARTGRID	1	372800	3763900	2.82E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-05	1.21E-06	5.14E-08	8.41E-09	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
915	CARTGRID	1	372900	3763900	2.38E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-05	5.79E-07	2.47E-08	5.36E-09	0.00E+00	0.00E+00	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
916	CARTGRID	1	373000	3763900	2.04E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-05	4.24E-07	1.82E-08	4.60E-09	0.00E+00	0.00E+00	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
917	CARTGRID	1	373100	3763900	3.01E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.96E-05	3.38E-07	1.45E-08	4.11E-09	0.00E+00	0.00E+00	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
918	CARTGRID	1	373200	3763900	1.92E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-05	3.25E-07	1.40E-08	4.13E-09	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
919	CARTGRID	1	373300	3763900	1.72E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-05	3.33E-07	1.43E-08	4.31E-09	0.00E+00	0.00E+00	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
920	CARTGRID	1	373400	3763900	1.04E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.87E-06	3.41E-07	1.47E-08	4.28E-09	0.00E+00	0.00E+00	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
921	CARTGRID	1	373500	3763900	7.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.27E-06	3.95E-07	1.70E-08	4.96E-09	0.00E+00	0.00E+00	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
922	CARTGRID	1	373600	3763900	7.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.72E-06	4.76E-07	2.05E-08	6.91E-09	0.00E+00	0.00E+00	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
923	CARTGRID	1	373700	3763900	7.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.20E-06	5.23E-07	2.29E-08	1.14E-08	0.00E+00	0.00E+00	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
924	CARTGRID	1	373800	3763900	4.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.91E-06	3.81E-07	1.74E-08	1.62E-08	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
925	CARTGRID	1	373900	3763900	3.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.26E-06	3.11E-07	1.46E-08	1.84E-08	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
926	CARTGRID	1	374000	3763900	4.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.75E-06	3.10E-07	1.47E-08	2.02E-08	0.00E+00	0.00E+00	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
927	CARTGRID	1	374100	3763900	4.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.54E-06	2.65E-07	1.28E-08	1.91E-08	0.00E+00	0.00E+00	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
928	CARTGRID	1	374200	3763900	2.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-06	1.84E-07	9.06E-09	1.56E-08	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
929	CARTGRID	1	374300	3763900	3.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-06	1.79E-07	8.79E-09	1.46E-08	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
930	CARTGRID	1	374400	3763900	3.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-06	1.93E-07	9.14E-09	1.24E-08	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
931	CARTGRID	1	374500	3763900	3.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.90E-06	1.74E-07	8.22E-09	1.05E-08	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
932	CARTGRID	1	374600	3763900	3.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.09E-06	1.80E-07	8.30E-09	8.58E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
933	CARTGRID	1	374700	3763900	3.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-06	1.67E-07	7.72E-09	8.24E-09	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
934	CARTGRID	1	374800	3763900	2.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	1.24E-07	5.75E-09	6.52E-09	0.00E+00	0.00E+00	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
935	CARTGRID	1	374900	3763900	2.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	1.19E-07	5.50E-09	5.73E-09	0.00E+00	0.00E+00	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
936	CARTGRID	1	375000	3763900	2.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	1.21E-07	5.54E-09	5.25E-09	0.00E+00	0.00E+00	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
937	CARTGRID	1	371500	3764000	1.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-06	1.87E-08	9.07E-10	1.43E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
938	CARTGRID	1	371600	3764000	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	2.11E-08	1.01E-09	1.49E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
939	CARTGRID	1	371700	3764000	2.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.54E-06	2.41E-08	1.14E-09	1.55E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
940	CARTGRID	1	371800	3764000	3.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-06	2.80E-08	1.32E-09	1.61E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
941	CARTGRID	1	371900	3764000	4.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-06	3.34E-08	1.55E-09	1.69E-09	0.00E+00	0.00E+00	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
942	CARTGRID	1	372000	3764000	5.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.56E-06	4.10E-08	1.87E-09	1.77E-09	0.00E+00	0.00E+00	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
943	CARTGRID	1	372100	3764000	9.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.58E-06	5.36E-08	2.41E-09	1.90E-09	0.00E+00	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
944	CARTGRID	1	372200	3764000	1.24E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-05	7.20E-08	3.20E-09	2.09E-09	0.00E+00	0.00E+00	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
945	CARTGRID	1	372300	3764000	1.66E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-05	9.85E-08	4.33E-09	2.36E-09	0.00E+00	0.00E+00	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
946	CARTGRID	1	372400	3764000	1.84E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.82E-05	1.38E-07	6.02E-09	2.61E-09	0.00E+00	0.00E+00	7.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
947	CARTGRID	1	372500	3764000	1.76E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-05	2.34E-07	1.01E-08	3.27E-09	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
948	CARTGRID	1	372600	3764000	2.15E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-05	6.27E-07	2.67E-08	5.15E-09	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
949	CARTGRID	1	372700	3764000	2.60E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.04E-05	3.55E-06	1.50E-07	1.94E-08	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
950	CARTGRID	1	372800	3764000	2.94E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-05	8.22E-07	3.50E-08	6.36E-09	0.00E+00	0.00E+00	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
951	CARTGRID	1	372900	3764000	2.83E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.75E-05	5.07E-07	2.17E-08	4.89E-09	0.00E+00	0.00E+00	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
952	CARTGRID	1	373000	3764000	2.49E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-05	3.59E-07	1.54E-08	3.88E-09	0.00E+00	0.00E+00	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
953	CARTGRID	1	373100	3764000	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-05	2.95E-07	1.27E-08	3.55E-09	0.00E+00	0.00E+00	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
954	CARTGRID	1	373200	3764000	1.41E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.37E-05	2.74E-07	1.18E-08	3.51E-09	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
955	CARTGRID	1	373300	3764000	1.22E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-05	2.53E-07	1.09E-08	3.42E-09	0.00E+00	0.00E+00	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
956	CARTGRID	1	373400	3764000	8.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.03E-06	2.45E-07	1.05E-08	3.49E-09	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
957	CARTGRID	1	373500	3764000	7.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.58E-06	2.61E-07	1.13E-08	3.90E-09	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
958	CARTGRID	1	373600	3764000	6.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-06	3.05E-07	1.32E-08	4.95E-09	0.00E+00	0.00E+00	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
959	CARTGRID	1	373700	3764000	6.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.49E-06	3.60E-07	1.57E-08	7.47E-09	0.00E+00	0.00E+00	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
960	CARTGRID	1	373800	3764000	4.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.79E-06	3.09E-07	1.38E-08	9.95E-09	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
961	CARTGRID	1	373900	3764000	3.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-06	2.75E-07	1.26E-08	1.20E-08	0.00E+00	0.00E+00	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
962	CARTGRID	1	374000	3764000	4.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.57E-06	3.01E-07	1.39E-08	1.48E-08	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
963	CARTGRID	1	374100	3764000	3.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.34E-06	2.70E-07	1.27E-08	1.57E-08	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
964	CARTGRID	1	374200	3764000	2.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-06	1.95E-07	9.42E-09	1.43E-08	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
965	CARTGRID	1	374300	3764000	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-06	1.83E-07	8.88E-09	1.41E-08	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
966	CARTGRID	1	374400	3764000	3.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-06	2.12E-07	9.99E-09	1.28E-08	0.00E+00	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
967	CARTGRID	1	374500	3764000	3.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-06	1.96E-07	9.15E-09	1.05E-08	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
968	CARTGRID	1	374600	3764000	3.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-06	1.72E-07	7.97E-09	8.86E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
969	CARTGRID	1	374700	3764000	3.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-06	1.67E-07	7.81E-09	9.07E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
970	CARTGRID	1	374800	3764000	2.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.20E-06	1.30E-07	6.09E-09	7.60E-09	0.00E+00	0.00E+00	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
971	CARTGRID	1	374900	3764000	2.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-06	1.28E-07	5.95E-09	6.76E-09	0.00E+00	0.00E+00	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
972	CARTGRID	1	375000	3764000	2.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	1.22E-07	5.62E-09	6.03E-09	0.00E+00	0.00E+00	7.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
973	CARTGRID	1	371500	3764100	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-06	1.77E-08	8.58E-10	1.34E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
974	CARTGRID	1	371600	3764100	2.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	2.00E-08	9.58E-10	1.39E-09	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
975	CARTGRID	1	371700	3764100	2.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-06	2.28E-08	1.08E-09	1.44E-09	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
976	CARTGRID	1	371800	3764100	2.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-06	2.64E-08	1.24E-09	1.50E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
977	CARTGRID	1	371900	3764100	3.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.85E-06	3.16E-08	1.46E-09	1.57E-09	0.00E+00	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
978	CARTGRID	1	372000	3764100	5.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.28E-06	3.90E-08	1.78E-09	1.65E-09	0.00E+00	0.00E+00	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
979	CARTGRID	1	372100	3764100	9.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.42E-06	5.17E-08	2.32E-09	1.77E-09	0.00E+00	0.00E+00	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
980	CARTGRID	1	372200	3764100	1.41E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-05	7.06E-08	3.13E-09	1.91E-09	0.00E+00	0.00E+00	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
981	CARTGRID	1	372300	3764100	1.63E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-05	1.00E-07	4.38E-09	2.09E-09	0.00E+00	0.00E+00	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
982	CARTGRID	1	372400	3764100	1.90E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.88E-05	1.51E-07	6.55E-09	2.48E-09	0.00E+00	0.00E+00	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
983	CARTGRID	1	372500	3764100	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-05	2.64E-07	1.13E-08	3.14E-09	0.00E+00	0.00E+00	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
984	CARTGRID	1	372600	3764100	2.15E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-05	1.74E-06	7.40E-08	1.03E-08	0.00E+00	0.00E+00	9.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
985	CARTGRID	1	372700	3764100	2.68E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-05	1.29E-06	5.48E-08	8.31E-09	0.00E+00	0.00E+00	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
986	CARTGRID	1	372800	3764100	2.74E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-05	6.61E-07	2.81E-08	5.22E-09	0.00E+00	0.00E+00	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
987	CARTGRID	1	372900	3764100	2.66E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.59E-05	4.38E-07	1.87E-08	4.04E-09	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
988	CARTGRID	1	373000	3764100	1.86E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-05	3.35E-07	1.43E-08	3.51E-09	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
989	CARTGRID	1	373100	3764100	1.56E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-05	2.67E-07	1.14E-08	3.12E-09	0.00E+00	0.00E+00	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
990	CARTGRID	1	373200	3764100	1.53E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-05	2.40E-07	1.03E-08	3.04E-09	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
991	CARTGRID	1	373300	3764100	1.03E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.93E-06	2.25E-07	9.69E-09	3.05E-09	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
992	CARTGRID	1	373400	3764100	7.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.85E-06	2.07E-07	8.94E-09	3.05E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
993	CARTGRID	1	373500	3764100	6.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-06	2.08E-07	8.99E-09	3.31E-09	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
994	CARTGRID	1	373600	3764100	6.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.66E-06	2.34E-07	1.02E-08	4.07E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
995	CARTGRID	1	373700	3764100	4.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.14E-06	2.29E-07	1.00E-08	5.09E-09	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
996	CARTGRID	1	373800	3764100	3.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-06	1.98E-07	8.82E-09	5.95E-09	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
997	CARTGRID	1	373900	3764100	3.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-06	2.19E-07	9.87E-09	8.12E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
998	CARTGRID	1	374000	3764100	3.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-06	2.24E-07	1.03E-08	1.01E-08	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
999	CARTGRID	1	374100	3764100	3.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-06	2.36E-07	1.09E-08	1.20E-08	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1000	CARTGRID	1	374200	3764100	2.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-06	1.92E-07	9.07E-09	1.17E-08	0.00E+00	0.00E+00	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1001	CARTGRID	1	374300	3764100	2.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-06	1.87E-07	8.92E-09	1.25E-08	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1002	CARTGRID	1	374400	3764100	3.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-06	1.96E-07	9.25E-09	1.22E-08	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1003	CARTGRID	1	374500	3764100	3.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.94E-06	1.97E-07	9.23E-09	1.14E-08	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1004	CARTGRID	1	374600	3764100	3.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-06	1.81E-07	8.45E-09	9.78E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1005	CARTGRID	1	374700	3764100	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.64E-06	1.60E-07	7.45E-09	8.34E-09	0.00E+00	0.00E+00	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1006	CARTGRID	1	374800	3764100	2.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	1.50E-07	7.04E-09	8.49E-09	0.00E+00	0.00E+00	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1007	CARTGRID	1	374900	3764100	2.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	1.39E-07	6.49E-09	7.63E-09	0.00E+00	0.00E+00	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1008	CARTGRID	1	375000	3764100	2.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.30E-06	1.32E-07	6.14E-09	7.08E-09	0.00E+00	0.00E+00	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1009	CARTGRID	1	371500	3764200	1.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	1.66E-08	8.04E-10	1.26E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1010	CARTGRID	1	371600	3764200	1.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-06	1.86E-08	8.94E-10	1.30E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1011	CARTGRID	1	371700	3764200	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-06	2.12E-08	1.00E-09	1.35E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1012	CARTGRID	1	371800	3764200	2.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-06	2.45E-08	1.15E-09	1.40E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1013	CARTGRID	1	371900	3764200	3.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.71E-06	2.92E-08	1.35E-09	1.46E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1014	CARTGRID	1	372000	3764200	8.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.96E-06	3.60E-08	1.64E-09	1.52E-09	0.00E+00	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1015	CARTGRID	1	372100	3764200	8.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.45E-06	4.70E-08	2.11E-09	1.62E-09	0.00E+00	0.00E+00	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1016	CARTGRID	1	372200	3764200	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-05	6.75E-08	2.98E-09	1.77E-09	0.00E+00	0.00E+00	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1017	CARTGRID	1	372300	3764200	1.87E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-05	1.10E-07	4.81E-09	2.09E-09	0.00E+00	0.00E+00	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1018	CARTGRID	1	372400	3764200	2.01E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.98E-05	2.04E-07	8.79E-09	2.75E-09	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1019	CARTGRID	1	372500	3764200	2.41E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.35E-05	3.57E-07	1.53E-08	3.61E-09	0.00E+00	0.00E+00	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1020	CARTGRID	1	372600	3764200	2.10E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-05	1.21E-06	5.13E-08	7.54E-09	0.00E+00	0.00E+00	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1021	CARTGRID	1	372700	3764200	2.20E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-05	1.43E-06	6.08E-08	8.68E-09	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1022	CARTGRID	1	372800	3764200	2.17E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-05	5.81E-07	2.47E-08	4.57E-09	0.00E+00	0.00E+00	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1023	CARTGRID	1	372900	3764200	1.86E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-05	3.89E-07	1.66E-08	3.52E-09	0.00E+00	0.00E+00	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1024	CARTGRID	1	373000	3764200	1.29E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-05	3.03E-07	1.30E-08	3.08E-09	0.00E+00	0.00E+00	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1025	CARTGRID	1	373100	3764200	1.96E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-05	2.53E-07	1.08E-08	2.84E-09	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1026	CARTGRID	1	373200	3764200	1.25E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-05	2.19E-07	9.40E-09	2.70E-09	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1027	CARTGRID	1	373300	3764200	8.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.05E-06	2.02E-07	8.69E-09	2.70E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1028	CARTGRID	1	373400	3764200	6.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.26E-06	1.84E-07	7.92E-09	2.69E-09	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1029	CARTGRID	1	373500	3764200	5.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.69E-06	1.84E-07	7.95E-09	2.92E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1030	CARTGRID	1	373600	3764200	5.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.21E-06	1.93E-07	8.38E-09	3.41E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1031	CARTGRID	1	373700	3764200	4.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-06	1.91E-07	8.33E-09	3.98E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1032	CARTGRID	1	373800	3764200	2.99E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.74E-06	1.52E-07	6.73E-09	4.26E-09	0.00E+00	0.00E+00	8.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1033	CARTGRID	1	373900	3764200	3.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	1.81E-07	8.11E-09	6.00E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1034	CARTGRID	1	374000	3764200	3.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.23E-06	2.12E-07	9.54E-09	7.51E-09	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1035	CARTGRID	1	374100	3764200	3.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-06	2.37E-07	1.08E-08	9.37E-09	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1036	CARTGRID	1	374200	3764200	2.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	1.81E-07	8.42E-09	9.52E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1037	CARTGRID	1	374300	3764200	2.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-06	1.76E-07	8.27E-09	1.02E-08	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1038	CARTGRID	1	374400	3764200	2.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-06	1.73E-07	8.16E-09	1.06E-08	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1039	CARTGRID	1	374500	3764200	3.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-06	1.96E-07	9.15E-09	1.07E-08	0.00E+00	0.00E+00	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1040	CARTGRID	1	374600	3764200	3.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-06	1.75E-07	8.12E-09	8.98E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1041	CARTGRID	1	374700	3764200	2.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	1.55E-07	7.19E-09	8.10E-09	0.00E+00	0.00E+00	9.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1042	CARTGRID	1	374800	3764200	2.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	1.50E-07	6.96E-09	7.79E-09	0.00E+00	0.00E+00	9.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1043	CARTGRID	1	374900	3764200	2.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-06	1.44E-07	6.75E-09	8.17E-09	0.00E+00	0.00E+00	8.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1044	CARTGRID	1	375000	3764200	2.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	1.31E-07	6.10E-09	6.80E-09	0.00E+00	0.00E+00	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1045	CARTGRID	1	371500	3764300	1.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.39E-06	1.54E-08	7.47E-10	1.18E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1046	CARTGRID	1	371600	3764300	1.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	1.71E-08	8.25E-10	1.22E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1047	CARTGRID	1	371700	3764300	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	1.93E-08	9.19E-10	1.26E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1048	CARTGRID	1	371800	3764300	2.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-06	2.22E-08	1.04E-09	1.30E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1049	CARTGRID	1	371900	3764300	3.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.27E-06	2.61E-08	1.21E-09	1.35E-09	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1050	CARTGRID	1	372000	3764300	6.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.97E-06	3.21E-08	1.47E-09	1.41E-09	0.00E+00	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1051	CARTGRID	1	372100	3764300	7.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.39E-06	4.29E-08	1.93E-09	1.52E-09	0.00E+00	0.00E+00	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1052	CARTGRID	1	372200	3764300	1.33E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-05	6.31E-08	2.80E-09	1.74E-09	0.00E+00	0.00E+00	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1053	CARTGRID	1	372300	3764300	1.31E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.29E-05	1.13E-07	4.93E-09	2.19E-09	0.00E+00	0.00E+00	6.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1054	CARTGRID	1	372400	3764300	1.60E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-05	4.26E-07	1.82E-08	3.51E-09	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055	CARTGRID	1	372500	3764300	2.11E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-05	2.58E-06	1.09E-07	1.40E-08	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1056	CARTGRID	1	372600	3764300	2.53E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-05	2.00E-06	8.49E-08	1.12E-08	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1057	CARTGRID	1	372700	3764300	1.80E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-05	1.22E-06	5.17E-08	7.41E-09	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1058	CARTGRID	1	372800	3764300	1.52E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-05	5.98E-07	2.54E-08	4.58E-09	0.00E+00	0.00E+00	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1059	CARTGRID	1	372900	3764300	1.51E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-05	3.86E-07	1.65E-08	3.33E-09	0.00E+00	0.00E+00	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1060	CARTGRID	1	373000	3764300	1.62E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-05	2.97E-07	1.27E-08	2.89E-09	0.00E+00	0.00E+00	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1061	CARTGRID	1	373100	3764300	8.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.96E-06	2.40E-07	1.03E-08	2.60E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1062	CARTGRID	1	373200	3764300	7.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.44E-06	2.07E-07	8.89E-09	2.47E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1063	CARTGRID	1	373300	3764300	6.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.35E-06	1.83E-07	7.86E-09	2.40E-09	0.00E+00	0.00E+00	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1064	CARTGRID	1	373400	3764300	6.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.97E-06	1.74E-07	7.50E-09	2.47E-09	0.00E+00	0.00E+00	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1065	CARTGRID	1	373500	3764300	5.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.35E-06	1.68E-07	7.27E-09	2.62E-09	0.00E+00	0.00E+00	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1066	CARTGRID	1	373600	3764300	4.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-06	1.79E-07	7.75E-09	3.00E-09	0.00E+00	0.00E+00	9.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1067	CARTGRID	1	373700	3764300	3.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-06	1.64E-07	7.14E-09	3.32E-09	0.00E+00	0.00E+00	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1068	CARTGRID	1	373800	3764300	2.82E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-06	1.30E-07	5.75E-09	3.39E-09	0.00E+00	0.00E+00	7.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1069	CARTGRID	1	373900	3764300	2.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.69E-06	1.47E-07	6.54E-09	4.47E-09	0.00E+00	0.00E+00	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1070	CARTGRID	1	374000	3764300	3.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-06	1.75E-07	7.83E-09	5.62E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1071	CARTGRID	1	374100	3764300	3.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.43E-06	1.94E-07	8.70E-09	6.78E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1072	CARTGRID	1	374200	3764300	3.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-06	1.85E-07	8.44E-09	7.71E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1073	CARTGRID	1	374300	3764300	2.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-06	1.78E-07	8.21E-09	8.49E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1074	CARTGRID	1	374400	3764300	2.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	1.60E-07	7.48E-09	8.83E-09	0.00E+00	0.00E+00	9.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1075	CARTGRID	1	374500	3764300	2.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-06	1.76E-07	8.18E-09	9.23E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1076	CARTGRID	1	374600	3764300	2.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-06	1.74E-07	8.10E-09	9.27E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1077	CARTGRID	1	374700	3764300	2.82E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-06	1.65E-07	7.71E-09	9.10E-09	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1078	CARTGRID	1	374800	3764300	2.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	1.37E-07	6.37E-09	7.20E-09	0.00E+00	0.00E+00	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1079	CARTGRID	1	374900	3764300	2.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	1.34E-07	6.21E-09	6.92E-09	0.00E+00	0.00E+00	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1080	CARTGRID	1	375000	3764300	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	1.20E-07	5.60E-09	6.32E-09	0.00E+00	0.00E+00	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1081	CARTGRID	1	371500	3764400	1.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.23E-06	1.41E-08	6.86E-10	1.11E-09	0.00E+00	0.00E+00	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1082	CARTGRID	1	371600	3764400	1.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	1.56E-08	7.51E-10	1.15E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1083	CARTGRID	1	371700	3764400	1.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-06	1.73E-08	8.29E-10	1.18E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1084	CARTGRID	1	371800	3764400	1.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-06	1.97E-08	9.30E-10	1.21E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1085	CARTGRID	1	371900	3764400	2.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-06	2.28E-08	1.07E-09	1.25E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1086	CARTGRID	1	372000	3764400	3.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.32E-06	2.75E-08	1.26E-09	1.30E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1087	CARTGRID	1	372100	3764400	4.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.40E-06	3.59E-08	1.63E-09	1.39E-09	0.00E+00	0.00E+00	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088	CARTGRID	1	372200	3764400	1.19E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-05	5.27E-08	2.36E-09	1.76E-09	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1089	CARTGRID	1	372300	3764400	1.10E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-05	8.56E-08	3.75E-09	1.83E-09	0.00E+00	0.00E+00	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090	CARTGRID	1	372400	3764400	9.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.93E-06	1.99E-07	8.52E-09	2.27E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1091	CARTGRID	1	372500	3764400	1.71E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-05	8.99E-07	3.82E-08	5.74E-09	0.00E+00	0.00E+00	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1092	CARTGRID	1	372600	3764400	1.39E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-05	8.43E-07	3.58E-08	5.45E-09	0.00E+00	0.00E+00	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1093	CARTGRID	1	372700	3764400	1.29E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-05	5.34E-07	2.27E-08	4.10E-09	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1094	CARTGRID	1	372800	3764400	1.10E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-05	4.26E-07	1.82E-08	3.42E-09	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1095	CARTGRID	1	372900	3764400	1.09E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-05	3.44E-07	1.47E-08	2.96E-09	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1096	CARTGRID	1	373000	3764400	9.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.90E-06	2.78E-07	1.19E-08	2.64E-09	0.00E+00	0.00E+00	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1097	CARTGRID	1	373100	3764400	8.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.65E-06	2.30E-07	9.85E-09	2.41E-09	0.00E+00	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1098	CARTGRID	1	373200	3764400	6.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.02E-06	2.00E-07	8.56E-09	2.29E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1099	CARTGRID	1	373300	3764400	5.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.65E-06	1.81E-07	7.77E-09	2.27E-09	0.00E+00	0.00E+00	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1100	CARTGRID	1	373400	3764400	5.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.29E-06	1.67E-07	7.20E-09	2.30E-09	0.00E+00	0.00E+00	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1101	CARTGRID	1	373500	3764400	5.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.84E-06	1.68E-07	7.27E-09	2.68E-09	0.00E+00	0.00E+00	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1102	CARTGRID	1	373600	3764400	4.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-06	1.66E-07	7.17E-09	2.66E-09	0.00E+00	0.00E+00	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1103	CARTGRID	1	373700	3764400	3.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-06	1.30E-07	5.66E-09	2.66E-09	0.00E+00	0.00E+00	7.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1104	CARTGRID	1	373800	3764400	2.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-06	1.20E-07	5.28E-09	2.88E-09	0.00E+00	0.00E+00	6.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1105	CARTGRID	1	373900	3764400	2.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-06	1.36E-07	6.04E-09	3.67E-09	0.00E+00	0.00E+00	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1106	CARTGRID	1	374000	3764400	3.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-06	1.50E-07	6.67E-09	4.42E-09	0.00E+00	0.00E+00	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1107	CARTGRID	1	374100	3764400	3.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.26E-06	1.62E-07	7.25E-09	5.34E-09	0.00E+00	0.00E+00	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1108	CARTGRID	1	374200	3764400	3.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.07E-06	1.64E-07	7.39E-09	5.94E-09	0.00E+00	0.00E+00	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1109	CARTGRID	1	374300	3764400	3.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-06	1.71E-07	7.78E-09	7.11E-09	0.00E+00	0.00E+00	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1110	CARTGRID	1	374400	3764400	2.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.63E-06	1.68E-07	7.70E-09	7.53E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1111	CARTGRID	1	374500	3764400	2.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-06	1.66E-07	7.64E-09	7.94E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1112	CARTGRID	1	374600	3764400	2.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.56E-06	1.64E-07	7.57E-09	8.18E-09	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1113	CARTGRID	1	374700	3764400	2.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	1.48E-07	6.81E-09	7.17E-09	0.00E+00	0.00E+00	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1114	CARTGRID	1	374800	3764400	2.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-06	1.33E-07	6.14E-09	6.78E-09	0.00E+00	0.00E+00	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1115	CARTGRID	1	374900	3764400	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	1.25E-07	5.82E-09	6.51E-09	0.00E+00	0.00E+00	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1116	CARTGRID	1	375000	3764400	2.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	1.17E-07	5.46E-09	6.18E-09	0.00E+00	0.00E+00	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1117	CARTGRID	1	371500	3764500	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	1.28E-08	6.27E-10	1.05E-09	0.00E+00	0.00E+00	8.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1118	CARTGRID	1	371600	3764500	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	1.40E-08	6.80E-10	1.08E-09	0.00E+00	0.00E+00	9.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1119	CARTGRID	1	371700	3764500	1.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	1.55E-08	7.44E-10	1.10E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1120	CARTGRID	1	371800	3764500	1.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.77E-06	1.74E-08	8.26E-10	1.13E-09	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1121	CARTGRID	1	371900	3764500	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	1.98E-08	9.32E-10	1.16E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1122	CARTGRID	1	372000	3764500	2.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	2.32E-08	1.08E-09	1.20E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1123	CARTGRID	1	372100	3764500	5.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.90E-06	2.92E-08	1.33E-09	1.28E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1124	CARTGRID	1	372200	3764500	4.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.67E-06	3.68E-08	1.66E-09	1.39E-09	0.00E+00	0.00E+00	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1125	CARTGRID	1	372300	3764500	7.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.35E-06	4.73E-08	2.11E-09	1.46E-09	0.00E+00	0.00E+00	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1126	CARTGRID	1	372400	3764500	1.26E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-05	6.38E-08	2.82E-09	1.65E-09	0.00E+00	0.00E+00	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1127	CARTGRID	1	372500	3764500	7.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.94E-06	1.10E-07	4.77E-09	1.78E-09	0.00E+00	0.00E+00	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1128	CARTGRID	1	372600	3764500	7.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.96E-06	2.10E-07	9.02E-09	2.45E-09	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1129	CARTGRID	1	372700	3764500	7.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.36E-06	2.74E-07	1.17E-08	2.66E-09	0.00E+00	0.00E+00	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1130	CARTGRID	1	372800	3764500	6.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.00E-06	2.76E-07	1.18E-08	2.55E-09	0.00E+00	0.00E+00	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1131	CARTGRID	1	372900	3764500	6.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.67E-06	2.61E-07	1.12E-08	2.44E-09	0.00E+00	0.00E+00	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1132	CARTGRID	1	373000	3764500	6.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.65E-06	2.42E-07	1.04E-08	2.37E-09	0.00E+00	0.00E+00	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1133	CARTGRID	1	373100	3764500	5.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.04E-06	2.08E-07	8.90E-09	2.18E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1134	CARTGRID	1	373200	3764500	5.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.17E-06	1.92E-07	8.23E-09	2.16E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1135	CARTGRID	1	373300	3764500	5.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.98E-06	1.77E-07	7.60E-09	2.17E-09	0.00E+00	0.00E+00	9.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1136	CARTGRID	1	373400	3764500	4.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.68E-06	1.66E-07	7.17E-09	2.27E-09	0.00E+00	0.00E+00	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1137	CARTGRID	1	373500	3764500	4.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-06	1.68E-07	7.23E-09	2.34E-09	0.00E+00	0.00E+00	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1138	CARTGRID	1	373600	3764500	2.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-06	1.22E-07	5.28E-09	2.09E-09	0.00E+00	0.00E+00	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1139	CARTGRID	1	373700	3764500	2.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-06	1.22E-07	5.33E-09	2.34E-09	0.00E+00	0.00E+00	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1140	CARTGRID	1	373800	3764500	3.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-06	1.33E-07	5.80E-09	2.76E-09	0.00E+00	0.00E+00	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1141	CARTGRID	1	373900	3764500	2.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-06	1.31E-07	5.75E-09	3.12E-09	0.00E+00	0.00E+00	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142	CARTGRID	1	374000	3764500	3.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-06	1.35E-07	5.98E-09	3.63E-09	0.00E+00	0.00E+00	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1143	CARTGRID	1	374100	3764500	3.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.97E-06	1.43E-07	6.36E-09	4.43E-09	0.00E+00	0.00E+00	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1144	CARTGRID	1	374200	3764500	3.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.85E-06	1.36E-07	6.08E-09	4.60E-09	0.00E+00	0.00E+00	7.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1145	CARTGRID	1	374300	3764500	3.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.81E-06	1.46E-07	6.59E-09	5.59E-09	0.00E+00	0.00E+00	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1146	CARTGRID	1	374400	3764500	2.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-06	1.47E-07	6.71E-09	6.08E-09	0.00E+00	0.00E+00	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1147	CARTGRID	1	374500	3764500	2.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-06	1.43E-07	6.53E-09	6.12E-09	0.00E+00	0.00E+00	8.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1148	CARTGRID	1	374600	3764500	2.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-06	1.38E-07	6.32E-09	6.23E-09	0.00E+00	0.00E+00	8.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1149	CARTGRID	1	374700	3764500	2.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	1.31E-07	6.03E-09	6.25E-09	0.00E+00	0.00E+00	7.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1150	CARTGRID	1	374800	3764500	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-06	1.24E-07	5.72E-09	6.18E-09	0.00E+00	0.00E+00	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1151	CARTGRID	1	374900	3764500	2.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	1.19E-07	5.53E-09	6.08E-09	0.00E+00	0.00E+00	7.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1152	CARTGRID	1	375000	3764500	2.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-06	1.14E-07	5.28E-09	5.90E-09	0.00E+00	0.00E+00	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1153	CARTGRID	1	371500	3764600	9.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.41E-07	1.17E-08	5.75E-10	9.89E-10	0.00E+00	0.00E+00	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1154	CARTGRID	1	371600	3764600	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	1.26E-08	6.17E-10	1.01E-09	0.00E+00	0.00E+00	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1155	CARTGRID	1	371700	3764600	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.14E-06	1.39E-08	6.70E-10	1.03E-09	0.00E+00	0.00E+00	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1156	CARTGRID	1	371800	3764600	1.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	1.53E-08	7.33E-10	1.06E-09	0.00E+00	0.00E+00	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1157	CARTGRID	1	371900	3764600	1.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	1.71E-08	8.11E-10	1.08E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1158	CARTGRID	1	372000	3764600	1.76E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.72E-06	1.95E-08	9.13E-10	1.11E-09	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1159	CARTGRID	1	372100	3764600	2.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.20E-06	2.28E-08	1.06E-09	1.15E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1160	CARTGRID	1	372200	3764600	2.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-06	2.71E-08	1.24E-09	1.19E-09	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1161	CARTGRID	1	372300	3764600	3.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-06	3.55E-08	1.62E-09	1.47E-09	0.00E+00	0.00E+00	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1162	CARTGRID	1	372400	3764600	4.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-06	4.17E-08	1.88E-09	1.51E-09	0.00E+00	0.00E+00	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1163	CARTGRID	1	372500	3764600	3.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-06	5.37E-08	2.37E-09	1.39E-09	0.00E+00	0.00E+00	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1164	CARTGRID	1	372600	3764600	4.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-06	7.05E-08	3.09E-09	1.62E-09	0.00E+00	0.00E+00	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1165	CARTGRID	1	372700	3764600	4.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.09E-06	1.26E-07	5.43E-09	1.80E-09	0.00E+00	0.00E+00	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1166	CARTGRID	1	372800	3764600	4.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.28E-06	1.49E-07	6.40E-09	1.82E-09	0.00E+00	0.00E+00	8.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1167	CARTGRID	1	372900	3764600	4.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.14E-06	1.70E-07	7.28E-09	1.90E-09	0.00E+00	0.00E+00	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1168	CARTGRID	1	373000	3764600	4.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-06	1.75E-07	7.50E-09	1.92E-09	0.00E+00	0.00E+00	9.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1169	CARTGRID	1	373100	3764600	4.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-06	1.72E-07	7.36E-09	1.92E-09	0.00E+00	0.00E+00	9.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1170	CARTGRID	1	373200	3764600	4.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.08E-06	1.68E-07	7.21E-09	1.94E-09	0.00E+00	0.00E+00	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1171	CARTGRID	1	373300	3764600	4.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.22E-06	1.68E-07	7.22E-09	2.11E-09	0.00E+00	0.00E+00	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1172	CARTGRID	1	373400	3764600	4.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.99E-06	1.64E-07	7.07E-09	2.31E-09	0.00E+00	0.00E+00	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1173	CARTGRID	1	373500	3764600	3.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-06	1.59E-07	6.87E-09	2.14E-09	0.00E+00	0.00E+00	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1174	CARTGRID	1	373600	3764600	2.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.43E-06	1.19E-07	5.16E-09	1.93E-09	0.00E+00	0.00E+00	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1175	CARTGRID	1	373700	3764600	3.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	1.37E-07	5.92E-09	2.29E-09	0.00E+00	0.00E+00	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1176	CARTGRID	1	373800	3764600	3.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.19E-06	1.35E-07	5.87E-09	2.60E-09	0.00E+00	0.00E+00	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1177	CARTGRID	1	373900	3764600	3.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.24E-06	1.26E-07	5.52E-09	2.88E-09	0.00E+00	0.00E+00	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1178	CARTGRID	1	374000	3764600	3.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.05E-06	1.28E-07	5.68E-09	3.52E-09	0.00E+00	0.00E+00	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1179	CARTGRID	1	374100	3764600	3.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-06	1.28E-07	5.73E-09	4.00E-09	0.00E+00	0.00E+00	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1180	CARTGRID	1	374200	3764600	2.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-06	1.23E-07	5.48E-09	3.93E-09	0.00E+00	0.00E+00	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1181	CARTGRID	1	374300	3764600	2.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-06	1.17E-07	5.28E-09	4.19E-09	0.00E+00	0.00E+00	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1182	CARTGRID	1	374400	3764600	2.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.50E-06	1.24E-07	5.62E-09	4.77E-09	0.00E+00	0.00E+00	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183	CARTGRID	1	374500	3764600	2.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-06	1.20E-07	5.46E-09	4.99E-09	0.00E+00	0.00E+00	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1184	CARTGRID	1	374600	3764600	2.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-06	1.17E-07	5.34E-09	5.23E-09	0.00E+00	0.00E+00	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1185	CARTGRID	1	374700	3764600	2.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	1.15E-07	5.31E-09	5.42E-09	0.00E+00	0.00E+00	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1186	CARTGRID	1	374800	3764600	2.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	1.14E-07	5.26E-09	5.53E-09	0.00E+00	0.00E+00	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1187	CARTGRID	1	374900	3764600	2.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.85E-06	1.12E-07	5.17E-09	5.56E-09	0.00E+00	0.00E+00	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1188	CARTGRID	1	375000	3764600	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-06	1.09E-07	5.03E-09	5.50E-09	0.00E+00	0.00E+00	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1189	CARTGRID	1	371500	3764700	8.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.23E-07	1.06E-08	5.27E-10	9.33E-10	0.00E+00	0.00E+00	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1190	CARTGRID	1	371600	3764700	8.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.77E-07	1.14E-08	5.59E-10	9.49E-10	0.00E+00	0.00E+00	7.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1191	CARTGRID	1	371700	3764700	9.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.53E-07	1.23E-08	6.01E-10	9.68E-10	0.00E+00	0.00E+00	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1192	CARTGRID	1	371800	3764700	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	1.34E-08	6.48E-10	9.86E-10	0.00E+00	0.00E+00	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1193	CARTGRID	1	371900	3764700	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	1.48E-08	7.10E-10	1.01E-09	0.00E+00	0.00E+00	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1194	CARTGRID	1	372000	3764700	1.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	1.71E-08	8.09E-10	1.05E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1195	CARTGRID	1	372100	3764700	1.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-06	1.94E-08	9.04E-10	1.07E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1196	CARTGRID	1	372200	3764700	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	2.26E-08	1.04E-09	1.11E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1197	CARTGRID	1	372300	3764700	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	2.68E-08	1.23E-09	1.27E-09	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1198	CARTGRID	1	372400	3764700	2.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-06	3.13E-08	1.42E-09	1.25E-09	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1199	CARTGRID	1	372500	3764700	2.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-06	3.63E-08	1.63E-09	1.22E-09	0.00E+00	0.00E+00	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1200	CARTGRID	1	372600	3764700	2.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-06	4.18E-08	1.87E-09	1.41E-09	0.00E+00	0.00E+00	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1201	CARTGRID	1	372700	3764700	3.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.98E-06	5.43E-08	2.39E-09	1.30E-09	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1202	CARTGRID	1	372800	3764700	3.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.06E-06	7.52E-08	3.27E-09	1.37E-09	0.00E+00	0.00E+00	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1203	CARTGRID	1	372900	3764700	3.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.08E-06	9.77E-08	4.22E-09	1.46E-09	0.00E+00	0.00E+00	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1204	CARTGRID	1	373000	3764700	3.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-06	1.16E-07	4.98E-09	1.55E-09	0.00E+00	0.00E+00	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1205	CARTGRID	1	373100	3764700	3.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-06	1.27E-07	5.46E-09	1.62E-09	0.00E+00	0.00E+00	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1206	CARTGRID	1	373200	3764700	3.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-06	1.35E-07	5.79E-09	1.70E-09	0.00E+00	0.00E+00	7.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1207	CARTGRID	1	373300	3764700	3.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.51E-06	1.47E-07	6.31E-09	1.98E-09	0.00E+00	0.00E+00	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1208	CARTGRID	1	373400	3764700	3.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.85E-06	1.52E-07	6.52E-09	1.88E-09	0.00E+00	0.00E+00	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209	CARTGRID	1	373500	3764700	3.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-06	1.44E-07	6.21E-09	1.93E-09	0.00E+00	0.00E+00	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1210	CARTGRID	1	373600	3764700	3.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.02E-06	1.39E-07	6.00E-09	2.04E-09	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1211	CARTGRID	1	373700	3764700	3.42E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.22E-06	1.24E-07	5.38E-09	2.19E-09	0.00E+00	0.00E+00	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1212	CARTGRID	1	373800	3764700	3.29E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.10E-06	1.18E-07	5.13E-09	2.27E-09	0.00E+00	0.00E+00	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1213	CARTGRID	1	373900	3764700	3.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-06	1.08E-07	4.73E-09	2.31E-09	0.00E+00	0.00E+00	6.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1214	CARTGRID	1	374000	3764700	2.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.78E-06	1.08E-07	4.75E-09	2.58E-09	0.00E+00	0.00E+00	6.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1215	CARTGRID	1	374100	3764700	2.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.66E-06	1.07E-07	4.72E-09	2.87E-09	0.00E+00	0.00E+00	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1216	CARTGRID	1	374200	3764700	2.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.45E-06	1.03E-07	4.60E-09	3.14E-09	0.00E+00	0.00E+00	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1217	CARTGRID	1	374300	3764700	2.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-06	1.01E-07	4.55E-09	3.47E-09	0.00E+00	0.00E+00	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1218	CARTGRID	1	374400	3764700	2.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	1.02E-07	4.61E-09	3.84E-09	0.00E+00	0.00E+00	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1219	CARTGRID	1	374500	3764700	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-06	1.02E-07	4.63E-09	4.16E-09	0.00E+00	0.00E+00	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1220	CARTGRID	1	374600	3764700	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-06	1.03E-07	4.69E-09	4.46E-09	0.00E+00	0.00E+00	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1221	CARTGRID	1	374700	3764700	2.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	1.03E-07	4.73E-09	4.71E-09	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1222	CARTGRID	1	374800	3764700	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-06	1.04E-07	4.77E-09	4.89E-09	0.00E+00	0.00E+00	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1223	CARTGRID	1	374900	3764700	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-06	1.03E-07	4.75E-09	5.00E-09	0.00E+00	0.00E+00	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1224	CARTGRID	1	375000	3764700	1.89E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-06	1.01E-07	4.68E-09	5.03E-09	0.00E+00	0.00E+00	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1225	CARTGRID	1	371500	3764800	7.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.24E-07	9.66E-09	4.81E-10	8.80E-10	0.00E+00	0.00E+00	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1226	CARTGRID	1	371600	3764800	7.80E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.61E-07	1.02E-08	5.07E-10	8.94E-10	0.00E+00	0.00E+00	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1227	CARTGRID	1	371700	3764800	8.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.08E-07	1.10E-08	5.40E-10	9.08E-10	0.00E+00	0.00E+00	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1228	CARTGRID	1	371800	3764800	8.77E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.55E-07	1.19E-08	5.79E-10	9.24E-10	0.00E+00	0.00E+00	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1229	CARTGRID	1	371900	3764800	9.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.39E-07	1.32E-08	6.37E-10	9.45E-10	0.00E+00	0.00E+00	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1230	CARTGRID	1	372000	3764800	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.52E-08	7.22E-10	9.84E-10	0.00E+00	0.00E+00	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1231	CARTGRID	1	372100	3764800	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.73E-08	8.17E-10	1.03E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1232	CARTGRID	1	372200	3764800	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	1.93E-08	9.02E-10	1.05E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1233	CARTGRID	1	372300	3764800	1.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	2.30E-08	1.06E-09	1.10E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1234	CARTGRID	1	372400	3764800	1.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	2.40E-08	1.10E-09	1.06E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1235	CARTGRID	1	372500	3764800	1.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-06	2.77E-08	1.26E-09	1.10E-09	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1236	CARTGRID	1	372600	3764800	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	3.07E-08	1.40E-09	1.29E-09	0.00E+00	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1237	CARTGRID	1	372700	3764800	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	3.51E-08	1.57E-09	1.13E-09	0.00E+00	0.00E+00	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1238	CARTGRID	1	372800	3764800	2.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-06	4.42E-08	1.95E-09	1.14E-09	0.00E+00	0.00E+00	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1239	CARTGRID	1	372900	3764800	2.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	5.73E-08	2.50E-09	1.20E-09	0.00E+00	0.00E+00	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1240	CARTGRID	1	373000	3764800	2.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-06	7.19E-08	3.12E-09	1.27E-09	0.00E+00	0.00E+00	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1241	CARTGRID	1	373100	3764800	2.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.49E-06	8.58E-08	3.71E-09	1.36E-09	0.00E+00	0.00E+00	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1242	CARTGRID	1	373200	3764800	2.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-06	9.96E-08	4.30E-09	1.47E-09	0.00E+00	0.00E+00	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1243	CARTGRID	1	373300	3764800	3.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-06	1.16E-07	5.03E-09	1.77E-09	0.00E+00	0.00E+00	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1244	CARTGRID	1	373400	3764800	3.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.88E-06	1.24E-07	5.38E-09	1.87E-09	0.00E+00	0.00E+00	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1245	CARTGRID	1	373500	3764800	3.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.93E-06	1.15E-07	4.99E-09	1.77E-09	0.00E+00	0.00E+00	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1246	CARTGRID	1	373600	3764800	3.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-06	1.10E-07	4.77E-09	1.76E-09	0.00E+00	0.00E+00	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1247	CARTGRID	1	373700	3764800	2.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.71E-06	1.05E-07	4.56E-09	1.81E-09	0.00E+00	0.00E+00	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1248	CARTGRID	1	373800	3764800	2.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	1.00E-07	4.37E-09	1.90E-09	0.00E+00	0.00E+00	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1249	CARTGRID	1	373900	3764800	2.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-06	9.63E-08	4.21E-09	2.03E-09	0.00E+00	0.00E+00	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1250	CARTGRID	1	374000	3764800	2.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	9.40E-08	4.13E-09	2.20E-09	0.00E+00	0.00E+00	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1251	CARTGRID	1	374100	3764800	2.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.28E-06	9.29E-08	4.10E-09	2.43E-09	0.00E+00	0.00E+00	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1252	CARTGRID	1	374200	3764800	2.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.19E-06	9.19E-08	4.08E-09	2.68E-09	0.00E+00	0.00E+00	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1253	CARTGRID	1	374300	3764800	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-06	9.16E-08	4.10E-09	2.97E-09	0.00E+00	0.00E+00	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1254	CARTGRID	1	374400	3764800	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	9.12E-08	4.10E-09	3.26E-09	0.00E+00	0.00E+00	5.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1255	CARTGRID	1	374500	3764800	2.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	9.14E-08	4.14E-09	3.56E-09	0.00E+00	0.00E+00	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1256	CARTGRID	1	374600	3764800	2.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-06	9.20E-08	4.19E-09	3.84E-09	0.00E+00	0.00E+00	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1257	CARTGRID	1	374700	3764800	1.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.81E-06	9.28E-08	4.24E-09	4.09E-09	0.00E+00	0.00E+00	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1258	CARTGRID	1	374800	3764800	1.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-06	9.37E-08	4.30E-09	4.30E-09	0.00E+00	0.00E+00	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1259	CARTGRID	1	374900	3764800	1.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-06	9.40E-08	4.33E-09	4.45E-09	0.00E+00	0.00E+00	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1260	CARTGRID	1	375000	3764800	1.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	9.35E-08	4.31E-09	4.55E-09	0.00E+00	0.00E+00	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1261	CARTGRID	1	371500	3764900	6.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.44E-07	8.82E-09	4.42E-10	8.31E-10	0.00E+00	0.00E+00	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1262	CARTGRID	1	371600	3764900	6.86E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.69E-07	9.32E-09	4.64E-10	8.43E-10	0.00E+00	0.00E+00	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1263	CARTGRID	1	371700	3764900	7.13E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.95E-07	9.93E-09	4.91E-10	8.55E-10	0.00E+00	0.00E+00	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1264	CARTGRID	1	371800	3764900	7.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.29E-07	1.07E-08	5.25E-10	8.68E-10	0.00E+00	0.00E+00	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1265	CARTGRID	1	371900	3764900	7.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.72E-07	1.18E-08	5.70E-10	8.83E-10	0.00E+00	0.00E+00	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1266	CARTGRID	1	372000	3764900	9.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.88E-07	1.37E-08	6.54E-10	9.28E-10	0.00E+00	0.00E+00	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1267	CARTGRID	1	372100	3764900	9.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.21E-07	1.49E-08	7.08E-10	9.35E-10	0.00E+00	0.00E+00	9.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1268	CARTGRID	1	372200	3764900	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.96E-07	1.65E-08	7.74E-10	9.74E-10	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1269	CARTGRID	1	372300	3764900	1.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	1.83E-08	8.67E-10	1.13E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1270	CARTGRID	1	372400	3764900	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	2.05E-08	9.48E-10	1.01E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1271	CARTGRID	1	372500	3764900	1.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	2.24E-08	1.02E-09	9.87E-10	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1272	CARTGRID	1	372600	3764900	1.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-06	2.40E-08	1.10E-09	1.14E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1273	CARTGRID	1	372700	3764900	1.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.61E-06	2.65E-08	1.20E-09	1.04E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1274	CARTGRID	1	372800	3764900	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-06	3.04E-08	1.36E-09	1.00E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1275	CARTGRID	1	372900	3764900	1.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-06	3.70E-08	1.64E-09	1.03E-09	0.00E+00	0.00E+00	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1276	CARTGRID	1	373000	3764900	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-06	4.63E-08	2.03E-09	1.09E-09	0.00E+00	0.00E+00	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1277	CARTGRID	1	373100	3764900	2.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	5.67E-08	2.48E-09	1.16E-09	0.00E+00	0.00E+00	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1278	CARTGRID	1	373200	3764900	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-06	6.77E-08	2.94E-09	1.24E-09	0.00E+00	0.00E+00	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1279	CARTGRID	1	373300	3764900	2.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-06	8.24E-08	3.58E-09	1.42E-09	0.00E+00	0.00E+00	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1280	CARTGRID	1	373400	3764900	2.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.41E-06	8.75E-08	3.79E-09	1.44E-09	0.00E+00	0.00E+00	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1281	CARTGRID	1	373500	3764900	2.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-06	8.97E-08	3.89E-09	1.48E-09	0.00E+00	0.00E+00	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1282	CARTGRID	1	373600	3764900	2.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-06	9.16E-08	3.98E-09	1.55E-09	0.00E+00	0.00E+00	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1283	CARTGRID	1	373700	3764900	2.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-06	9.02E-08	3.92E-09	1.62E-09	0.00E+00	0.00E+00	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1284	CARTGRID	1	373800	3764900	2.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	8.91E-08	3.88E-09	1.71E-09	0.00E+00	0.00E+00	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1285	CARTGRID	1	373900	3764900	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	8.72E-08	3.81E-09	1.82E-09	0.00E+00	0.00E+00	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1286	CARTGRID	1	374000	3764900	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	8.58E-08	3.77E-09	1.97E-09	0.00E+00	0.00E+00	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1287	CARTGRID	1	374100	3764900	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.03E-06	8.46E-08	3.73E-09	2.14E-09	0.00E+00	0.00E+00	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1288	CARTGRID	1	374200	3764900	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	8.42E-08	3.73E-09	2.35E-09	0.00E+00	0.00E+00	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1289	CARTGRID	1	374300	3764900	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	8.38E-08	3.74E-09	2.58E-09	0.00E+00	0.00E+00	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1290	CARTGRID	1	374400	3764900	2.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	8.36E-08	3.75E-09	2.83E-09	0.00E+00	0.00E+00	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1291	CARTGRID	1	374500	3764900	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-06	8.34E-08	3.76E-09	3.08E-09	0.00E+00	0.00E+00	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1292	CARTGRID	1	374600	3764900	1.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.78E-06	8.38E-08	3.80E-09	3.33E-09	0.00E+00	0.00E+00	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1293	CARTGRID	1	374700	3764900	1.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-06	8.44E-08	3.85E-09	3.56E-09	0.00E+00	0.00E+00	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1294	CARTGRID	1	374800	3764900	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-06	8.51E-08	3.89E-09	3.77E-09	0.00E+00	0.00E+00	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1295	CARTGRID	1	374900	3764900	1.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-06	8.58E-08	3.94E-09	3.95E-09	0.00E+00	0.00E+00	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1296	CARTGRID	1	375000	3764900	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-06	8.58E-08	3.95E-09	4.08E-09	0.00E+00	0.00E+00	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1297	SENSITIV	Star Sch	371,655	3,764,335	1.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	1.77E-08	8.45E-10	1.21E-09	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1298	SENSITIV	Village	371,602	3,765,015	6.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.87E-07	8.51E-09	4.26E-10	7.91E-10	0.00E+00	0.00E+00	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1299	SENSITIV	Linwood	371,458	3,765,442	3.91E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.80E-07	6.03E-09	3.08E-10	6.30E-10	0.00E+00	0.00E+00	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1300	SENSITIV	Willows	372,537	3,765,521	4.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-07	8.86E-09	4.26E-10	6.30E-10	0.00E+00	0.00E+00	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1301	SENSITIV	Baldwin	373,913	3,765,441	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.10E-06	3.56E-08	1.59E-09	1.08E-09	0.00E+00	0.00E+00	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1302	SENSITIV	Hillcres	375,384	3,764,569	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-06	9.06E-08	4.22E-09	4.81E-09	0.00E+00	0.00E+00	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1303	SENSITIV	Windssor	374,735	3,762,558	2.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	8.82E-09	4.37E-10	7.80E-10	0.00E+00	0.00E+00	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1304	SENSITIV	Communit	374,502	3,761,177	4.06E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.94E-07	6.72E-09	3.36E-10	6.25E-10	0.00E+00	0.00E+00	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1305	SENSITIV	ICEF Sch	373,575	3,761,806	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	1.34E-08	6.59E-10	1.09E-09	0.00E+00	0.00E+00	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1306	SENSITIV	La Tijer	373,549	3,760,990	6.15E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-07	6.24E-09	3.24E-10	7.23E-10	0.00E+00	0.00E+00	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1307	SENSITIV	Frank Pa	372,980	3,761,081	8.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.06E-07	7.26E-09	3.83E-10	9.03E-10	0.00E+00	0.00E+00	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1308	SENSITIV	El Rinco	371,566	3,762,615	1.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-06	1.99E-08	1.04E-09	2.35E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1309	SENSITIV	West La	372,008	3,763,263	3.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.12E-06	4.07E-08	1.96E-09	2.89E-09	0.00E+00	0.00E+00	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1310	SENSITIV	We LA Co	372,011	3,763,812	5.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.97E-06	4.43E-08	2.04E-09	2.06E-09	0.00E+00	0.00E+00	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1311	SENSITIV	Culver C	370,802	3,763,850	9.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.70E-07	1.07E-08	5.53E-10	1.23E-09	0.00E+00	0.00E+00	7.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1312	CENSUS	0	372901	3765440	6.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.04E-07	1.19E-08	5.59E-10	6.90E-10	0.00E+00	0.00E+00	7.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1313	CENSUS	0	372959.8	3765435	6.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.34E-07	1.27E-08	5.91E-10	7.02E-10	0.00E+00	0.00E+00	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1314	CENSUS	0	372842.8	3765524	5.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.15E-07	1.03E-08	4.86E-10	6.51E-10	0.00E+00	0.00E+00	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1315	CENSUS	66	373420.8	3765485	8.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.14E-07	1.94E-08	8.82E-10	8.00E-10	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1316	CENSUS	29	373545.6	3765515	8.78E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.43E-07	2.11E-08	9.58E-10	8.31E-10	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1317	CENSUS	44	375225.2	3761771	3.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.74E-07	6.59E-09	3.34E-10	6.69E-10	0.00E+00	0.00E+00	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1318	CENSUS	0	375106.2	3761773	4.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.14E-07	7.01E-09	3.57E-10	7.31E-10	0.00E+00	0.00E+00	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1319	CENSUS	14	375102.8	3761696	4.07E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.94E-07	6.71E-09	3.44E-10	7.23E-10	0.00E+00	0.00E+00	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1320	CENSUS	633	373341.1	3764878	2.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.53E-06	9.24E-08	4.01E-09	1.52E-09	0.00E+00	0.00E+00	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1321	CENSUS	0	374183.5	3763735	3.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.87E-06	1.79E-07	8.66E-09	1.34E-08	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1322	CENSUS	62	374306.4	3764163	2.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.31E-06	1.82E-07	8.58E-09	1.11E-08	0.00E+00	0.00E+00	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1323	CENSUS	200	374206.1	3764354	3.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.13E-06	1.83E-07	8.32E-09	7.43E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1324	CENSUS	0	373212.5	3764361	6.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.22E-06	1.99E-07	8.53E-09	2.34E-09	0.00E+00	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1325	CENSUS	64	373975.1	3764905	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	8.57E-08	3.76E-09	1.92E-09	0.00E+00	0.00E+00	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1326	CENSUS	0	374058.3	3763929	4.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.60E-06	2.89E-07	1.37E-08	1.86E-08	0.00E+00	0.00E+00	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1327	CENSUS	0	373575.9	3764344	4.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.60E-06	1.73E-07	7.51E-09	3.00E-09	0.00E+00	0.00E+00	9.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1328	CENSUS	0	373533.5	3763998	6.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.36E-06	2.75E-07	1.19E-08	4.19E-09	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1329	CENSUS	0	373574.1	3763737	9.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.27E-06	8.88E-07	3.84E-08	1.40E-08	0.00E+00	0.00E+00	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1330	CENSUS	0	373994.8	3763455	1.12E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-05	3.21E-07	1.41E-08	7.13E-09	0.00E+00	0.00E+00	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331	CENSUS	0	373228.7	3764370	6.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.09E-06	1.95E-07	8.36E-09	2.32E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1332	CENSUS	0	373570.9	3763152	1.72E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-05	3.93E-07	1.70E-08	6.44E-09	0.00E+00	0.00E+00	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1333	CENSUS	0	374562.5	3762669	3.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.30E-06	1.24E-08	6.04E-10	9.56E-10	0.00E+00	0.00E+00	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1334	CENSUS	0	374586.4	3762717	3.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.20E-06	1.18E-08	5.77E-10	9.42E-10	0.00E+00	0.00E+00	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1335	CENSUS	0	373224	3764274	8.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.91E-06	2.04E-07	8.75E-09	2.50E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1336	CENSUS	0	373399.9	3763529	2.20E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-05	9.01E-07	3.99E-08	2.48E-08	0.00E+00	0.00E+00	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1337	CENSUS	0	374207.1	3763730	3.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.82E-06	1.75E-07	8.42E-09	1.25E-08	0.00E+00	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1338	CENSUS	0	374002.6	3763649	5.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.65E-06	2.67E-07	1.29E-08	1.96E-08	0.00E+00	0.00E+00	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1339	CENSUS	58	373923.7	3764375	3.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.89E-06	1.48E-07	6.54E-09	4.08E-09	0.00E+00	0.00E+00	8.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1340	CENSUS	0	373211.1	3763939	1.55E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-05	3.03E-07	1.30E-08	3.88E-09	0.00E+00	0.00E+00	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1341	CENSUS	0	374739.8	3764202	2.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.37E-06	1.47E-07	6.83E-09	7.77E-09	0.00E+00	0.00E+00	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1342	CENSUS	0	374567.6	3763540	3.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.52E-06	1.99E-07	8.72E-09	4.65E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1343	CENSUS	0	373553.1	3762847	1.62E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-05	1.17E-07	5.16E-09	2.91E-09	0.00E+00	0.00E+00	6.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1344	CENSUS	0	373535	3762809	1.08E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-05	1.01E-07	4.48E-09	2.77E-09	0.00E+00	0.00E+00	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1345	CENSUS	281	373791.6	3765248	1.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-06	4.77E-08	2.10E-09	1.20E-09	0.00E+00	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1346	CENSUS	28	373496.8	3765365	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-06	2.68E-08	1.20E-09	9.03E-10	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1347	CENSUS	49	373469.1	3765289	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	3.07E-08	1.37E-09	9.46E-10	0.00E+00	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1348	CENSUS	42	373683.4	3765283	1.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	4.00E-08	1.77E-09	1.08E-09	0.00E+00	0.00E+00	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1349	CENSUS	51	373675.1	3765195	1.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.41E-06	4.85E-08	2.13E-09	1.17E-09	0.00E+00	0.00E+00	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1350	CENSUS	63	373464.1	3765195	1.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	3.85E-08	1.70E-09	1.03E-09	0.00E+00	0.00E+00	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1351	CENSUS	57	373658.4	3765109	1.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	5.84E-08	2.56E-09	1.26E-09	0.00E+00	0.00E+00	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1352	CENSUS	61	373538.4	3765085	1.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	5.60E-08	2.45E-09	1.20E-09	0.00E+00	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1353	CENSUS	63	373553.3	3765033	1.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-06	6.48E-08	2.83E-09	1.28E-09	0.00E+00	0.00E+00	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1354	CENSUS	93	373563	3764944	2.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	8.19E-08	3.56E-09	1.44E-09	0.00E+00	0.00E+00	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1355	CENSUS	36	373327.1	3765246	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.11E-06	2.81E-08	1.26E-09	9.10E-10	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1356	CENSUS	7	373281.8	3765223	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	2.79E-08	1.25E-09	9.07E-10	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1357	CENSUS	281	373157.1	3765299	9.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.09E-07	1.99E-08	9.04E-10	8.12E-10	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1358	CENSUS	165	373021.9	3765293	8.58E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.29E-07	1.69E-08	7.75E-10	7.77E-10	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1359	CENSUS	0	372873.5	3765268	7.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.67E-07	1.48E-08	6.86E-10	7.58E-10	0.00E+00	0.00E+00	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1360	CENSUS	0	372868.1	3765410	6.33E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.13E-07	1.20E-08	5.64E-10	6.96E-10	0.00E+00	0.00E+00	7.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1361	CENSUS	0	372829.3	3765399	6.25E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.05E-07	1.18E-08	5.54E-10	6.95E-10	0.00E+00	0.00E+00	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1362	CENSUS	0	372798.7	3765409	6.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.83E-07	1.14E-08	5.36E-10	6.87E-10	0.00E+00	0.00E+00	7.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1363	CENSUS	0	372822.8	3765083	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-06	1.94E-08	8.86E-10	8.50E-10	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1364	CENSUS	219	373159.3	3765138	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-06	2.88E-08	1.29E-09	9.19E-10	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1365	CENSUS	34	373100.9	3765105	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	2.86E-08	1.28E-09	9.20E-10	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1366	CENSUS	0	372877	3765011	1.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.28E-06	2.49E-08	1.12E-09	9.14E-10	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1367	CENSUS	0	372787.6	3765009	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-06	2.17E-08	9.88E-10	8.94E-10	0.00E+00	0.00E+00	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1368	CENSUS	86	375028.5	3763952	2.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.22E-06	1.22E-07	5.60E-09	5.58E-09	0.00E+00	0.00E+00	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1369	CENSUS	45	374938.3	3763776	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-06	1.06E-07	4.79E-09	4.19E-09	0.00E+00	0.00E+00	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1370	CENSUS	312	375139.4	3763557	2.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.10E-06	6.92E-08	3.11E-09	2.38E-09	0.00E+00	0.00E+00	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1371	CENSUS	36	374915.5	3763494	2.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	8.03E-08	3.56E-09	2.29E-09	0.00E+00	0.00E+00	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1372	CENSUS	38	374990.1	3763475	2.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	7.26E-08	3.23E-09	2.15E-09	0.00E+00	0.00E+00	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1373	CENSUS	573	374849.3	3763917	2.39E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.18E-06	1.24E-07	5.74E-09	6.32E-09	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1374	CENSUS	115	374642.6	3763262	2.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.47E-06	7.59E-08	3.33E-09	1.76E-09	0.00E+00	0.00E+00	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375	CENSUS	40	374737.6	3763481	2.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	1.02E-07	4.50E-09	2.59E-09	0.00E+00	0.00E+00	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1376	CENSUS	249	374658.5	3762976	2.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.65E-06	1.76E-08	8.30E-10	1.04E-09	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1377	CENSUS	188	374799.3	3763250	2.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-06	5.24E-08	2.33E-09	1.55E-09	0.00E+00	0.00E+00	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1378	CENSUS	58	374819.5	3763469	2.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-06	8.91E-08	3.94E-09	2.35E-09	0.00E+00	0.00E+00	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1379	CENSUS	0	374907.2	3763185	2.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-06	3.80E-08	1.73E-09	1.55E-09	0.00E+00	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1380	CENSUS	29	374018.1	3761062	4.92E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-07	6.95E-09	3.49E-10	6.66E-10	0.00E+00	0.00E+00	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1381	CENSUS	29	373923	3761058	5.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.11E-07	6.90E-09	3.48E-10	6.79E-10	0.00E+00	0.00E+00	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1382	CENSUS	35	373820.9	3761065	5.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.58E-07	6.84E-09	3.48E-10	6.99E-10	0.00E+00	0.00E+00	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1383	CENSUS	47	373706	3761051	6.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.96E-07	6.66E-09	3.41E-10	7.15E-10	0.00E+00	0.00E+00	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1384	CENSUS	32	373605.3	3761063	6.45E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.33E-07	6.56E-09	3.39E-10	7.34E-10	0.00E+00	0.00E+00	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1385	CENSUS	7	373549.5	3761089	6.82E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.70E-07	6.64E-09	3.44E-10	7.52E-10	0.00E+00	0.00E+00	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1386	CENSUS	0	373507	3761025	6.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.34E-07	6.33E-09	3.30E-10	7.40E-10	0.00E+00	0.00E+00	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1387	CENSUS	8	373475.3	3761070	6.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.84E-07	6.58E-09	3.42E-10	7.62E-10	0.00E+00	0.00E+00	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1388	CENSUS	14	373533.3	3760999	6.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.12E-07	6.25E-09	3.25E-10	7.28E-10	0.00E+00	0.00E+00	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1389	CENSUS	2	373409.9	3761067	7.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.04E-07	6.61E-09	3.44E-10	7.76E-10	0.00E+00	0.00E+00	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1390	CENSUS	17	373395.3	3761068	7.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.10E-07	6.63E-09	3.46E-10	7.79E-10	0.00E+00	0.00E+00	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1391	CENSUS	8	373341.4	3761064	7.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.24E-07	6.66E-09	3.48E-10	7.90E-10	0.00E+00	0.00E+00	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1392	CENSUS	1	372462.7	3765415	4.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.74E-07	9.50E-09	4.56E-10	6.65E-10	0.00E+00	0.00E+00	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1393	CENSUS	0	372420.1	3765502	4.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.25E-07	8.64E-09	4.17E-10	6.33E-10	0.00E+00	0.00E+00	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1394	CENSUS	0	372381.5	3765473	4.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.31E-07	8.74E-09	4.22E-10	6.42E-10	0.00E+00	0.00E+00	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1395	CENSUS	0	372325.7	3765515	4.20E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.05E-07	8.25E-09	4.00E-10	6.28E-10	0.00E+00	0.00E+00	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1396	CENSUS	0	372221.5	3765533	4.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.88E-07	7.79E-09	3.80E-10	6.21E-10	0.00E+00	0.00E+00	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1397	CENSUS	0	372123.8	3765552	3.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.73E-07	7.37E-09	3.62E-10	6.15E-10	0.00E+00	0.00E+00	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1398	CENSUS	52	372049.8	3765430	4.26E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.12E-07	7.92E-09	3.89E-10	6.57E-10	0.00E+00	0.00E+00	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1399	CENSUS	357	371834.3	3765189	5.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.08E-07	8.78E-09	4.32E-10	7.41E-10	0.00E+00	0.00E+00	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1400	CENSUS	34	371751.7	3765300	4.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.49E-07	7.76E-09	3.86E-10	6.94E-10	0.00E+00	0.00E+00	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1401	CENSUS	38	371719.6	3765252	4.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.69E-07	7.81E-09	3.89E-10	7.09E-10	0.00E+00	0.00E+00	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1402	CENSUS	0	372407	3765342	5.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.95E-07	9.89E-09	4.75E-10	6.91E-10	0.00E+00	0.00E+00	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1403	CENSUS	0	372195.6	3765359	4.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.53E-07	8.79E-09	4.28E-10	6.83E-10	0.00E+00	0.00E+00	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1404	CENSUS	0	372209.9	3765471	4.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-07	8.11E-09	3.96E-10	6.42E-10	0.00E+00	0.00E+00	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1405	CENSUS	0	372318.3	3765472	4.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.21E-07	8.51E-09	4.12E-10	6.42E-10	0.00E+00	0.00E+00	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406	CENSUS	30	371687.3	3765205	5.04E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.89E-07	7.85E-09	3.92E-10	7.24E-10	0.00E+00	0.00E+00	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1407	CENSUS	37	371656.4	3765155	5.27E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.12E-07	7.95E-09	3.98E-10	7.40E-10	0.00E+00	0.00E+00	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1408	CENSUS	0	372554.2	3765547	4.47E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-07	8.71E-09	4.19E-10	6.22E-10	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1409	CENSUS	0	372606	3765678	4.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.91E-07	7.93E-09	3.83E-10	5.86E-10	0.00E+00	0.00E+00	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1410	CENSUS	0	372396.9	3765534	4.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.09E-07	8.35E-09	4.04E-10	6.22E-10	0.00E+00	0.00E+00	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1411	CENSUS	0	372360.3	3765572	4.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.89E-07	7.99E-09	3.88E-10	6.10E-10	0.00E+00	0.00E+00	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1412	CENSUS	0	372721.1	3765447	5.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.22E-07	1.03E-08	4.90E-10	6.65E-10	0.00E+00	0.00E+00	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1413	CENSUS	0	372799.3	3765492	5.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.18E-07	1.03E-08	4.88E-10	6.57E-10	0.00E+00	0.00E+00	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1414	CENSUS	0	372770.7	3765454	5.52E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.33E-07	1.05E-08	4.99E-10	6.67E-10	0.00E+00	0.00E+00	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1415	CENSUS	662	371497.6	3764797	7.43E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.26E-07	9.67E-09	4.82E-10	8.81E-10	0.00E+00	0.00E+00	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1416	CENSUS	773	371396.8	3764431	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	1.26E-08	6.20E-10	1.07E-09	0.00E+00	0.00E+00	8.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1417	CENSUS	166	371309.1	3764308	1.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.13E-06	1.29E-08	6.39E-10	1.12E-09	0.00E+00	0.00E+00	8.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1418	CENSUS	106	371226.4	3764019	1.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	1.40E-08	6.99E-10	1.29E-09	0.00E+00	0.00E+00	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1419	CENSUS	110	371078.9	3764147	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.04E-06	1.17E-08	5.91E-10	1.14E-09	0.00E+00	0.00E+00	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1420	CENSUS	85	371094.6	3764225	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.98E-07	1.15E-08	5.76E-10	1.10E-09	0.00E+00	0.00E+00	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1421	CENSUS	70	371153.4	3764282	1.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.00E-06	1.16E-08	5.82E-10	1.09E-09	0.00E+00	0.00E+00	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1422	CENSUS	102	371233.9	3764297	1.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	1.23E-08	6.09E-10	1.10E-09	0.00E+00	0.00E+00	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1423	CENSUS	0	372713.9	3765399	5.71E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.52E-07	1.08E-08	5.13E-10	6.82E-10	0.00E+00	0.00E+00	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1424	CENSUS	0	372586.7	3765375	5.40E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.22E-07	1.04E-08	4.93E-10	6.82E-10	0.00E+00	0.00E+00	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1425	CENSUS	0	372480.2	3765352	5.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.06E-07	1.01E-08	4.84E-10	6.88E-10	0.00E+00	0.00E+00	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1426	CENSUS	0	372531.9	3765339	5.48E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.30E-07	1.05E-08	5.01E-10	6.95E-10	0.00E+00	0.00E+00	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1427	CENSUS	0	372642.3	3765257	6.66E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.44E-07	1.23E-08	5.80E-10	7.36E-10	0.00E+00	0.00E+00	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1428	CENSUS	0	372416.3	3765153	7.31E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.09E-07	1.29E-08	6.08E-10	7.95E-10	0.00E+00	0.00E+00	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1429	CENSUS	0	372217.1	3765220	5.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.42E-07	1.02E-08	4.90E-10	7.43E-10	0.00E+00	0.00E+00	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430	CENSUS	212	372450.8	3764735	1.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-06	2.95E-08	1.33E-09	1.13E-09	0.00E+00	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1431	CENSUS	0	372036.2	3764782	1.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-06	1.62E-08	7.66E-10	1.00E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1432	CENSUS	0	372034.9	3764706	1.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	1.79E-08	8.42E-10	1.06E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1433	CENSUS	62	372915.7	3764767	2.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.57E-06	7.03E-08	3.06E-09	1.28E-09	0.00E+00	0.00E+00	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1434	CENSUS	65	372537.7	3764939	1.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.08E-06	2.19E-08	1.00E-09	9.84E-10	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1435	CENSUS	73	372932.7	3764692	3.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.16E-06	1.09E-07	4.70E-09	1.52E-09	0.00E+00	0.00E+00	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1436	CENSUS	100	373106.8	3764954	1.82E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-06	4.67E-08	2.05E-09	1.08E-09	0.00E+00	0.00E+00	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1437	CENSUS	0	372965.9	3765052	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	2.61E-08	1.17E-09	9.10E-10	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1438	CENSUS	0	373142.4	3764462	5.90E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.57E-06	2.07E-07	8.87E-09	2.23E-09	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1439	CENSUS	0	373121.6	3764677	3.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.33E-06	1.39E-07	5.97E-09	1.70E-09	0.00E+00	0.00E+00	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1440	CENSUS	0	373197.2	3764355	6.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.37E-06	2.03E-07	8.71E-09	2.37E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1441	CENSUS	0	373178.1	3764352	6.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.54E-06	2.08E-07	8.94E-09	2.39E-09	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1442	CENSUS	0	372846.7	3764410	1.01E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.47E-06	3.75E-07	1.60E-08	3.13E-09	0.00E+00	0.00E+00	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1443	CENSUS	143	372012	3764401	3.52E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.47E-06	2.81E-08	1.29E-09	1.30E-09	0.00E+00	0.00E+00	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1444	CENSUS	0	371721.1	3764326	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	1.93E-08	9.18E-10	1.25E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1445	CENSUS	0	371870.6	3764729	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	1.38E-08	6.64E-10	9.81E-10	0.00E+00	0.00E+00	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1446	CENSUS	149	372926.7	3764909	1.80E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-06	3.80E-08	1.68E-09	1.03E-09	0.00E+00	0.00E+00	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1447	CENSUS	61	371808.5	3763959	3.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.23E-06	2.90E-08	1.36E-09	1.67E-09	0.00E+00	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1448	CENSUS	147	371771.9	3764094	2.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.76E-06	2.54E-08	1.19E-09	1.49E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1449	CENSUS	0	372364.4	3765331	5.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.92E-07	9.79E-09	4.71E-10	6.95E-10	0.00E+00	0.00E+00	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1450	CENSUS	0	372104.9	3765282	4.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.80E-07	9.13E-09	4.45E-10	7.13E-10	0.00E+00	0.00E+00	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1451	CENSUS	0	371894.5	3765089	6.02E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.85E-07	9.92E-09	4.84E-10	7.89E-10	0.00E+00	0.00E+00	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1452	CENSUS	0	371846.6	3765019	6.49E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.31E-07	1.01E-08	4.93E-10	8.16E-10	0.00E+00	0.00E+00	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1453	CENSUS	0	372067.9	3765218	5.32E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.15E-07	9.67E-09	4.70E-10	7.41E-10	0.00E+00	0.00E+00	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1454	CENSUS	0	372351.2	3765313	5.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.00E-07	9.90E-09	4.76E-10	7.02E-10	0.00E+00	0.00E+00	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1455	CENSUS	0	371808.9	3764952	7.01E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.83E-07	1.03E-08	5.07E-10	8.44E-10	0.00E+00	0.00E+00	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456	CENSUS	11	371665.4	3764558	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-06	1.40E-08	6.79E-10	1.05E-09	0.00E+00	0.00E+00	9.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1457	CENSUS	0	371696.2	3764882	7.30E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.11E-07	1.01E-08	4.97E-10	8.64E-10	0.00E+00	0.00E+00	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1458	CENSUS	0	371407.9	3763954	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	1.72E-08	8.43E-10	1.43E-09	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1459	CENSUS	0	371540.5	3764003	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	1.96E-08	9.46E-10	1.45E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1460	CENSUS	0	371584.4	3764105	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-06	1.95E-08	9.38E-10	1.38E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1461	CENSUS	0	371637.8	3764227	1.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-06	1.91E-08	9.12E-10	1.30E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1462	CENSUS	0	371179.4	3763767	1.41E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.38E-06	1.47E-08	7.42E-10	1.46E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1463	CENSUS	0	371475.3	3763853	1.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	1.92E-08	9.40E-10	1.56E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1464	CENSUS	0	371403.4	3763688	1.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	1.87E-08	9.29E-10	1.68E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1465	CENSUS	0	371335.7	3763735	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.64E-06	1.72E-08	8.57E-10	1.59E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1466	CENSUS	115	371224.4	3763694	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.47E-06	1.56E-08	7.89E-10	1.55E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1467	CENSUS	0	371271.3	3763627	1.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-06	1.66E-08	8.38E-10	1.64E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1468	CENSUS	0	371316.1	3763579	1.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	1.75E-08	8.84E-10	1.71E-09	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1469	CENSUS	0	371342.9	3763554	1.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.70E-06	1.81E-08	9.13E-10	1.76E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1470	CENSUS	153	371392.5	3763489	1.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	1.93E-08	9.72E-10	1.86E-09	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1471	CENSUS	250	371449.6	3763636	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	1.99E-08	9.89E-10	1.77E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1472	CENSUS	357	371572	3763501	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.20E-06	2.37E-08	1.17E-09	2.02E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1473	CENSUS	267	371498.2	3763457	2.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	2.18E-08	1.09E-09	1.99E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1474	CENSUS	103	371503.1	3763332	2.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	2.21E-08	1.11E-09	2.09E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1475	CENSUS	0	371452.8	3763325	1.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.89E-06	2.09E-08	1.05E-09	2.04E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1476	CENSUS	0	371530.7	3763261	2.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.01E-06	2.27E-08	1.14E-09	2.17E-09	0.00E+00	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1477	CENSUS	0	371503.4	3763264	2.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	2.21E-08	1.11E-09	2.14E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1478	CENSUS	0	371545.2	3763238	2.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	2.31E-08	1.16E-09	2.20E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1479	CENSUS	0	371560	3763253	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-06	2.35E-08	1.18E-09	2.21E-09	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1480	CENSUS	536	371659.9	3763977	2.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-06	2.31E-08	1.10E-09	1.55E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1481	CENSUS	6	371574.4	3764046	2.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	2.00E-08	9.61E-10	1.43E-09	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1482	CENSUS	28	371626.8	3763778	2.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.39E-06	2.38E-08	1.15E-09	1.75E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1483	CENSUS	428	371569	3763726	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	2.24E-08	1.09E-09	1.77E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1484	CENSUS	45	371610.3	3763757	2.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.34E-06	2.34E-08	1.14E-09	1.76E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1485	CENSUS	277	371558.3	3763797	2.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	2.16E-08	1.05E-09	1.68E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1486	CENSUS	38	371772.5	3763855	3.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.04E-06	2.86E-08	1.35E-09	1.77E-09	0.00E+00	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1487	CENSUS	136	371586.9	3763605	2.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.27E-06	2.37E-08	1.16E-09	1.92E-09	0.00E+00	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1488	CENSUS	52	371497.6	3763698	2.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.02E-06	2.07E-08	1.02E-09	1.74E-09	0.00E+00	0.00E+00	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1489	CENSUS	38	371474	3763778	1.96E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-06	1.97E-08	9.66E-10	1.64E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1490	CENSUS	196	371506.4	3763830	2.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	2.01E-08	9.81E-10	1.60E-09	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1491	CENSUS	114	372064.5	3762985	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.85E-06	3.80E-08	1.87E-09	3.15E-09	0.00E+00	0.00E+00	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1492	CENSUS	0	371858.3	3762941	2.31E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.25E-06	2.92E-08	1.46E-09	2.76E-09	0.00E+00	0.00E+00	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1493	CENSUS	75	371944.5	3762964	2.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.52E-06	3.27E-08	1.63E-09	2.91E-09	0.00E+00	0.00E+00	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1494	CENSUS	40	371655.6	3763154	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	2.57E-08	1.29E-09	2.39E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1495	CENSUS	0	371545.4	3763192	2.04E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.99E-06	2.30E-08	1.16E-09	2.23E-09	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1496	CENSUS	91	371723.4	3763024	2.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	2.66E-08	1.34E-09	2.54E-09	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1497	CENSUS	75	371642	3763086	2.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.08E-06	2.50E-08	1.26E-09	2.40E-09	0.00E+00	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1498	CENSUS	49	372170.8	3762784	2.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-06	3.86E-08	1.91E-09	3.42E-09	0.00E+00	0.00E+00	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1499	CENSUS	42	372066.1	3762716	2.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-06	3.33E-08	1.67E-09	3.18E-09	0.00E+00	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1500	CENSUS	83	371725.4	3762937	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.05E-06	2.57E-08	1.30E-09	2.56E-09	0.00E+00	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1501	CENSUS	74	371723.3	3762853	2.01E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.96E-06	2.47E-08	1.26E-09	2.56E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1502	CENSUS	49	371765.9	3762786	1.99E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.95E-06	2.49E-08	1.27E-09	2.62E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1503	CENSUS	96	371889.3	3762689	2.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.07E-06	2.71E-08	1.38E-09	2.82E-09	0.00E+00	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1504	CENSUS	34	371732.8	3762672	1.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.79E-06	2.31E-08	1.19E-09	2.57E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1505	CENSUS	436	371767.8	3762483	1.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-06	2.26E-08	1.17E-09	2.62E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1506	CENSUS	98	371920	3762493	1.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.87E-06	2.49E-08	1.29E-09	2.84E-09	0.00E+00	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1507	CENSUS	66	371689.4	3762373	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	1.99E-08	1.05E-09	2.48E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1508	CENSUS	50	371622.7	3762382	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	1.91E-08	1.01E-09	2.40E-09	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1509	CENSUS	392	371401.2	3763193	1.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-06	1.98E-08	1.01E-09	2.06E-09	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1510	CENSUS	43	371507.6	3762883	1.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-06	2.08E-08	1.07E-09	2.28E-09	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1511	CENSUS	308	371301.1	3762783	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	1.71E-08	8.97E-10	2.06E-09	0.00E+00	0.00E+00	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1512	CENSUS	28	371534.9	3762968	1.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-06	2.19E-08	1.12E-09	2.30E-09	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1513	CENSUS	63	371498.7	3762805	1.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	2.01E-08	1.04E-09	2.27E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1514	CENSUS	62	371481.2	3762724	1.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	1.93E-08	1.01E-09	2.25E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1515	CENSUS	43	370950.8	3763635	1.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	1.26E-08	6.53E-10	1.43E-09	0.00E+00	0.00E+00	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1516	CENSUS	36	371014.3	3763681	1.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	1.31E-08	6.73E-10	1.44E-09	0.00E+00	0.00E+00	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1517	CENSUS	39	371112.5	3763729	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	1.40E-08	7.14E-10	1.46E-09	0.00E+00	0.00E+00	9.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1518	CENSUS	16	371068	3763710	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.26E-06	1.36E-08	6.94E-10	1.45E-09	0.00E+00	0.00E+00	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1519	CENSUS	30	371172.8	3763573	1.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.43E-06	1.53E-08	7.83E-10	1.61E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1520	CENSUS	60	371113.8	3763552	1.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-06	1.46E-08	7.51E-10	1.59E-09	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1521	CENSUS	49	371036.8	3763524	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	1.38E-08	7.13E-10	1.56E-09	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1522	CENSUS	42	371052.3	3763404	1.33E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	1.42E-08	7.38E-10	1.64E-09	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1523	CENSUS	52	371133.7	3763394	1.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.40E-06	1.52E-08	7.87E-10	1.71E-09	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1524	CENSUS	36	371194.8	3763385	1.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-06	1.61E-08	8.29E-10	1.76E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1525	CENSUS	127	371269.8	3763366	1.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-06	1.73E-08	8.87E-10	1.84E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1526	CENSUS	0	373203	3763987	1.25E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-05	2.79E-07	1.20E-08	3.57E-09	0.00E+00	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1527	CENSUS	0	373195	3764147	1.54E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.50E-05	2.31E-07	9.92E-09	2.87E-09	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1528	CENSUS	0	373134.4	3763873	2.48E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.42E-05	3.44E-07	1.48E-08	4.26E-09	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1529	CENSUS	0	372896	3763942	2.64E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-05	5.40E-07	2.30E-08	5.00E-09	0.00E+00	0.00E+00	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1530	CENSUS	3	372453.4	3763403	6.93E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.75E-06	1.04E-07	4.73E-09	4.29E-09	0.00E+00	0.00E+00	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1531	CENSUS	0	372744.3	3763050	5.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.62E-06	1.09E-07	5.11E-09	6.43E-09	0.00E+00	0.00E+00	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1532	CENSUS	0	371869.5	3763199	2.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-06	3.32E-08	1.62E-09	2.69E-09	0.00E+00	0.00E+00	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1533	CENSUS	0	371777.5	3763439	2.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.73E-06	3.09E-08	1.50E-09	2.33E-09	0.00E+00	0.00E+00	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1534	CENSUS	0	372348.3	3762361	2.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.16E-06	2.77E-08	1.45E-09	3.35E-09	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1535	CENSUS	0	372016.6	3763473	3.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.65E-06	4.39E-08	2.07E-09	2.64E-09	0.00E+00	0.00E+00	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1536	CENSUS	0	371863.5	3763739	3.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-06	3.44E-08	1.62E-09	2.02E-09	0.00E+00	0.00E+00	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1537	CENSUS	0	372555.4	3762456	2.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.58E-06	3.22E-08	1.67E-09	3.66E-09	0.00E+00	0.00E+00	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1538	CENSUS	0	371738.5	3763277	2.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	2.89E-08	1.42E-09	2.43E-09	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1539	CENSUS	0	372637.9	3762622	3.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.24E-06	4.28E-08	2.18E-09	4.39E-09	0.00E+00	0.00E+00	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1540	CENSUS	0	372440	3762515	2.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.62E-06	3.47E-08	1.78E-09	3.75E-09	0.00E+00	0.00E+00	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1541	CENSUS	0	373264	3763172	2.03E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.00E-05	1.67E-07	7.64E-09	7.45E-09	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1542	CENSUS	0	373201.5	3763633	2.85E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.33E-05	3.28E-06	1.39E-07	2.13E-08	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1543	CENSUS	0	373315.4	3763250	2.19E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-05	2.27E-07	1.04E-08	9.73E-09	0.00E+00	0.00E+00	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1544	CENSUS	0	373488.4	3762855	1.21E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-05	1.19E-07	5.24E-09	3.08E-09	0.00E+00	0.00E+00	6.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1545	CENSUS	0	373186.9	3762877	6.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.74E-06	8.09E-08	3.80E-09	4.76E-09	0.00E+00	0.00E+00	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1546	CENSUS	0	372130.8	3762233	1.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-06	2.26E-08	1.21E-09	2.96E-09	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1547	CENSUS	0	372145.7	3762269	1.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	2.35E-08	1.25E-09	3.02E-09	0.00E+00	0.00E+00	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1548	CENSUS	0	372250.9	3762215	1.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.74E-06	2.24E-08	1.20E-09	3.02E-09	0.00E+00	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1549	CENSUS	0	372302.1	3762158	1.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-06	2.14E-08	1.15E-09	2.95E-09	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1550	CENSUS	0	372423.9	3762256	1.99E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.94E-06	2.40E-08	1.28E-09	3.15E-09	0.00E+00	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1551	CENSUS	0	372491.9	3762335	2.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.24E-06	2.74E-08	1.44E-09	3.35E-09	0.00E+00	0.00E+00	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1552	CENSUS	0	372484.4	3762195	1.98E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-06	2.30E-08	1.23E-09	3.00E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1553	CENSUS	0	372277.1	3762066	1.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	1.97E-08	1.07E-09	2.79E-09	0.00E+00	0.00E+00	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1554	CENSUS	0	372609.1	3762180	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.09E-06	2.39E-08	1.25E-09	2.85E-09	0.00E+00	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1555	CENSUS	0	372499.4	3761945	1.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.60E-06	1.82E-08	9.72E-10	2.41E-09	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1556	CENSUS	43	372554.3	3761698	1.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-06	1.42E-08	7.59E-10	1.86E-09	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1557	CENSUS	22	372587.9	3761646	1.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	1.35E-08	7.16E-10	1.73E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1558	CENSUS	0	371787.5	3762277	1.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-06	1.99E-08	1.06E-09	2.58E-09	0.00E+00	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1559	CENSUS	0	372011.2	3762250	1.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.65E-06	2.18E-08	1.16E-09	2.84E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1560	CENSUS	0	372110.8	3762201	1.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.67E-06	2.18E-08	1.17E-09	2.91E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1561	CENSUS	0	372079	3762152	1.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-06	2.06E-08	1.11E-09	2.82E-09	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1562	CENSUS	0	371889.5	3762182	1.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	2.01E-08	1.07E-09	2.66E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1563	CENSUS	0	372189.8	3762150	1.67E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-06	2.10E-08	1.13E-09	2.90E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1564	CENSUS	0	372163.3	3762086	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	1.96E-08	1.07E-09	2.79E-09	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1565	CENSUS	0	371579	3763282	2.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	2.40E-08	1.20E-09	2.22E-09	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1566	CENSUS	0	371568.5	3763224	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.06E-06	2.36E-08	1.19E-09	2.24E-09	0.00E+00	0.00E+00	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1567	CENSUS	2	374048.7	3761577	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.05E-08	5.18E-10	8.75E-10	0.00E+00	0.00E+00	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1568	CENSUS	62	373840.9	3761613	1.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-06	1.10E-08	5.43E-10	9.31E-10	0.00E+00	0.00E+00	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1569	CENSUS	54	373834	3761527	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	1.01E-08	4.99E-10	8.78E-10	0.00E+00	0.00E+00	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1570	CENSUS	41	373835.1	3761578	1.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.33E-06	1.07E-08	5.27E-10	9.13E-10	0.00E+00	0.00E+00	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1571	CENSUS	137	373528.3	3761578	1.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.32E-06	1.04E-08	5.22E-10	9.70E-10	0.00E+00	0.00E+00	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1572	CENSUS	47	373474.8	3761318	9.50E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.35E-07	8.12E-09	4.15E-10	8.59E-10	0.00E+00	0.00E+00	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1573	CENSUS	78	373583.8	3761536	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.25E-06	1.00E-08	5.02E-10	9.36E-10	0.00E+00	0.00E+00	6.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1574	CENSUS	35	373421.2	3761514	1.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	9.75E-09	4.92E-10	9.63E-10	0.00E+00	0.00E+00	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1575	CENSUS	0	374031.5	3761498	9.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.67E-07	9.78E-09	4.82E-10	8.31E-10	0.00E+00	0.00E+00	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1576	CENSUS	48	373828.6	3761427	9.90E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.73E-07	9.15E-09	4.55E-10	8.29E-10	0.00E+00	0.00E+00	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577	CENSUS	44	373661.4	3761427	1.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.03E-06	8.96E-09	4.51E-10	8.61E-10	0.00E+00	0.00E+00	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1578	CENSUS	59	373834.5	3761476	1.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.07E-06	9.60E-09	4.77E-10	8.52E-10	0.00E+00	0.00E+00	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1579	CENSUS	83	373845.9	3761309	7.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.79E-07	8.27E-09	4.14E-10	7.76E-10	0.00E+00	0.00E+00	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1580	CENSUS	79	373954.5	3761358	7.93E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.77E-07	8.67E-09	4.31E-10	7.76E-10	0.00E+00	0.00E+00	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1581	CENSUS	46	374012.2	3761343	7.35E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.19E-07	8.57E-09	4.25E-10	7.62E-10	0.00E+00	0.00E+00	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1582	CENSUS	170	374185.3	3761303	5.97E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.82E-07	8.19E-09	4.06E-10	7.24E-10	0.00E+00	0.00E+00	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1583	CENSUS	72	374044.9	3761241	6.12E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.98E-07	7.96E-09	3.96E-10	7.22E-10	0.00E+00	0.00E+00	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1584	CENSUS	31	374109.4	3761180	5.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.23E-07	7.58E-09	3.78E-10	6.92E-10	0.00E+00	0.00E+00	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1585	CENSUS	31	373792	3761321	8.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.27E-07	8.32E-09	4.17E-10	7.91E-10	0.00E+00	0.00E+00	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1586	CENSUS	51	373710	3761330	8.83E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.68E-07	8.23E-09	4.15E-10	8.09E-10	0.00E+00	0.00E+00	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1587	CENSUS	115	373568.5	3761313	9.03E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.88E-07	7.97E-09	4.06E-10	8.31E-10	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1588	CENSUS	47	373653.8	3761187	7.36E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.23E-07	7.24E-09	3.70E-10	7.66E-10	0.00E+00	0.00E+00	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1589	CENSUS	39	373741.8	3761172	6.94E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.81E-07	7.31E-09	3.71E-10	7.47E-10	0.00E+00	0.00E+00	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1590	CENSUS	40	373836.2	3761173	6.55E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.41E-07	7.47E-09	3.77E-10	7.31E-10	0.00E+00	0.00E+00	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1591	CENSUS	22	373920.4	3761168	6.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.96E-07	7.51E-09	3.77E-10	7.16E-10	0.00E+00	0.00E+00	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1592	CENSUS	42	373258.2	3761758	1.73E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.71E-06	1.39E-08	6.86E-10	1.20E-09	0.00E+00	0.00E+00	9.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1593	CENSUS	54	373072.6	3761776	1.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.66E-06	1.49E-08	7.42E-10	1.34E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1594	CENSUS	53	372885.6	3761825	1.65E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.62E-06	1.60E-08	8.08E-10	1.60E-09	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1595	CENSUS	43	372872.9	3761778	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	1.51E-08	7.67E-10	1.55E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1596	CENSUS	0	372861.9	3761743	1.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-06	1.45E-08	7.40E-10	1.52E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1597	CENSUS	0	372850.1	3761725	1.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	1.42E-08	7.28E-10	1.51E-09	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1598	CENSUS	0	372729.8	3761767	1.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.46E-06	1.51E-08	7.82E-10	1.73E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1599	CENSUS	74	372652.8	3761605	1.27E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	1.28E-08	6.76E-10	1.59E-09	0.00E+00	0.00E+00	9.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1600	CENSUS	67	372734	3761573	1.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.22E-06	1.23E-08	6.40E-10	1.45E-09	0.00E+00	0.00E+00	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1601	CENSUS	69	372815.1	3761541	1.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.20E-06	1.17E-08	6.05E-10	1.33E-09	0.00E+00	0.00E+00	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1602	CENSUS	91	372897	3761512	1.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.18E-06	1.11E-08	5.74E-10	1.23E-09	0.00E+00	0.00E+00	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1603	CENSUS	0	372970.4	3761685	1.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.44E-06	1.34E-08	6.78E-10	1.33E-09	0.00E+00	0.00E+00	9.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1604	CENSUS	0	373052.6	3761693	1.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.48E-06	1.33E-08	6.70E-10	1.27E-09	0.00E+00	0.00E+00	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1605	CENSUS	45	373066.1	3761727	1.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	1.39E-08	6.97E-10	1.29E-09	0.00E+00	0.00E+00	9.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1606	CENSUS	34	373246.8	3761709	1.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-06	1.30E-08	6.44E-10	1.16E-09	0.00E+00	0.00E+00	8.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1607	CENSUS	0	373244	3761673	1.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.51E-06	1.24E-08	6.16E-10	1.13E-09	0.00E+00	0.00E+00	8.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608	CENSUS	62	373343.5	3761485	1.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.17E-06	9.61E-09	4.87E-10	9.73E-10	0.00E+00	0.00E+00	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1609	CENSUS	0	373088.2	3761665	1.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.45E-06	1.28E-08	6.41E-10	1.22E-09	0.00E+00	0.00E+00	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1610	CENSUS	75	373060.4	3761461	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.01E-08	5.18E-10	1.08E-09	0.00E+00	0.00E+00	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1611	CENSUS	74	372974.7	3761475	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	1.05E-08	5.39E-10	1.14E-09	0.00E+00	0.00E+00	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1612	CENSUS	37	372952	3761211	9.24E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.09E-07	8.21E-09	4.30E-10	9.84E-10	0.00E+00	0.00E+00	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1613	CENSUS	96	373118.1	3761366	1.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.05E-06	9.06E-09	4.66E-10	9.95E-10	0.00E+00	0.00E+00	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1614	CENSUS	108	373224.1	3761410	1.11E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.09E-06	9.22E-09	4.71E-10	9.77E-10	0.00E+00	0.00E+00	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1615	CENSUS	86	373225	3761237	9.14E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.99E-07	7.80E-09	4.04E-10	8.90E-10	0.00E+00	0.00E+00	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1616	CENSUS	28	373336.8	3761225	8.73E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.59E-07	7.54E-09	3.90E-10	8.53E-10	0.00E+00	0.00E+00	5.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1617	CENSUS	20	373243.2	3761083	7.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.56E-07	6.81E-09	3.57E-10	8.19E-10	0.00E+00	0.00E+00	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1618	CENSUS	0	373397.8	3761251	9.00E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.85E-07	7.74E-09	3.99E-10	8.51E-10	0.00E+00	0.00E+00	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1619	CENSUS	0	373389.9	3761536	1.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.24E-06	1.00E-08	5.06E-10	9.85E-10	0.00E+00	0.00E+00	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1620	CENSUS	0	373806.4	3762792	1.35E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-05	2.32E-07	1.00E-08	3.36E-09	0.00E+00	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1621	CENSUS	0	373776.3	3762227	9.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.56E-06	2.29E-08	1.09E-09	1.48E-09	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1622	CENSUS	0	373541.6	3762779	9.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.63E-06	9.20E-08	4.08E-09	2.64E-09	0.00E+00	0.00E+00	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1623	CENSUS	0	373680	3761753	1.82E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.80E-06	1.27E-08	6.24E-10	1.05E-09	0.00E+00	0.00E+00	8.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1624	CENSUS	92	373586.7	3762287	4.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.58E-06	2.75E-08	1.29E-09	1.52E-09	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1625	CENSUS	0	373795.8	3761660	1.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	1.15E-08	5.66E-10	9.65E-10	0.00E+00	0.00E+00	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1626	CENSUS	0	373958.2	3761761	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.91E-06	1.26E-08	6.14E-10	1.00E-09	0.00E+00	0.00E+00	8.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1627	CENSUS	268	372744.8	3762654	3.50E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.41E-06	4.37E-08	2.21E-09	4.31E-09	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1628	CENSUS	72	372878.3	3762348	2.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.86E-06	3.27E-08	1.63E-09	2.99E-09	0.00E+00	0.00E+00	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1629	CENSUS	28	372704.9	3762004	1.87E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.83E-06	1.98E-08	1.02E-09	2.23E-09	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1630	CENSUS	83	373329.2	3762331	3.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.56E-06	3.69E-08	1.73E-09	2.15E-09	0.00E+00	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1631	CENSUS	71	373125.3	3762591	3.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.68E-06	5.08E-08	2.41E-09	3.18E-09	0.00E+00	0.00E+00	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1632	CENSUS	52	373458	3761952	2.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.51E-06	1.78E-08	8.56E-10	1.29E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1633	CENSUS	82	372967.4	3762355	3.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.00E-06	3.44E-08	1.68E-09	2.78E-09	0.00E+00	0.00E+00	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1634	CENSUS	0	372636.2	3762517	2.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.72E-06	3.41E-08	1.76E-09	3.78E-09	0.00E+00	0.00E+00	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1635	CENSUS	124	373423	3762314	3.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.85E-06	3.53E-08	1.65E-09	2.00E-09	0.00E+00	0.00E+00	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1636	CENSUS	75	372792.4	3762301	2.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.61E-06	2.95E-08	1.50E-09	2.96E-09	0.00E+00	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1637	CENSUS	0	373438.6	3761718	1.60E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-06	1.21E-08	6.00E-10	1.07E-09	0.00E+00	0.00E+00	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1638	CENSUS	0	373962.6	3761664	1.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-06	1.14E-08	5.60E-10	9.34E-10	0.00E+00	0.00E+00	7.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1639	CENSUS	0	374084.4	3761657	1.38E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.36E-06	1.12E-08	5.50E-10	9.12E-10	0.00E+00	0.00E+00	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1640	CENSUS	0	373474.7	3761726	1.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.59E-06	1.21E-08	5.99E-10	1.06E-09	0.00E+00	0.00E+00	8.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1641	CENSUS	82	373080.3	3761968	2.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.11E-06	1.97E-08	9.62E-10	1.57E-09	0.00E+00	0.00E+00	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1642	CENSUS	96	373146.3	3762338	3.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.17E-06	3.65E-08	1.74E-09	2.48E-09	0.00E+00	0.00E+00	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1643	CENSUS	88	373237	3762333	3.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.31E-06	3.69E-08	1.75E-09	2.29E-09	0.00E+00	0.00E+00	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1644	CENSUS	89	373172.7	3761953	2.19E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	1.90E-08	9.24E-10	1.45E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1645	CENSUS	69	373266	3761939	2.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	1.85E-08	8.94E-10	1.37E-09	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1646	CENSUS	71	373359.3	3761926	2.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.29E-06	1.76E-08	8.53E-10	1.31E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647	CENSUS	71	373056.6	3762343	3.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.09E-06	3.54E-08	1.71E-09	2.58E-09	0.00E+00	0.00E+00	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1648	CENSUS	61	372989.5	3761990	2.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.07E-06	2.03E-08	9.99E-10	1.72E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1649	CENSUS	33	372927.9	3762084	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	2.28E-08	1.13E-09	2.00E-09	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650	CENSUS	45	372845.8	3761986	1.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	1.96E-08	9.91E-10	1.93E-09	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1651	CENSUS	16	372765.4	3761940	1.79E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.76E-06	1.84E-08	9.46E-10	1.99E-09	0.00E+00	0.00E+00	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1652	CENSUS	0	372733.5	3761882	1.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.63E-06	1.71E-08	8.84E-10	1.92E-09	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1653	CENSUS	0	374865.4	3763128	2.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.77E-06	3.20E-08	1.46E-09	1.37E-09	0.00E+00	0.00E+00	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1654	CENSUS	21	374725.5	3762580	2.23E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.21E-06	8.86E-09	4.40E-10	7.87E-10	0.00E+00	0.00E+00	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1655	CENSUS	0	374705.7	3762798	2.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.83E-06	1.22E-08	5.90E-10	9.29E-10	0.00E+00	0.00E+00	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1656	CENSUS	10	374854.6	3762458	1.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.42E-06	8.39E-09	4.16E-10	7.42E-10	0.00E+00	0.00E+00	5.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1657	CENSUS	49	374850.6	3762610	1.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.73E-06	7.58E-09	3.82E-10	7.44E-10	0.00E+00	0.00E+00	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1658	CENSUS	80	375211.5	3763031	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-06	1.18E-08	5.70E-10	8.74E-10	0.00E+00	0.00E+00	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1659	CENSUS	61	375245.9	3763112	1.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	1.39E-08	6.64E-10	9.47E-10	0.00E+00	0.00E+00	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1660	CENSUS	34	375299.2	3763191	1.59E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.56E-06	1.62E-08	7.67E-10	1.03E-09	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1661	CENSUS	37	375253.3	3763277	1.62E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.58E-06	2.05E-08	9.61E-10	1.16E-09	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1662	CENSUS	77	375135	3762933	1.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.53E-06	9.94E-09	4.87E-10	8.10E-10	0.00E+00	0.00E+00	6.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1663	CENSUS	64	375057.8	3762874	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.54E-06	8.89E-09	4.40E-10	7.79E-10	0.00E+00	0.00E+00	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1664	CENSUS	68	374996.8	3762805	1.56E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.55E-06	7.89E-09	3.96E-10	7.50E-10	0.00E+00	0.00E+00	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1665	CENSUS	54	374949.6	3762729	1.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.57E-06	7.30E-09	3.69E-10	7.30E-10	0.00E+00	0.00E+00	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1666	CENSUS	49	374944.8	3762629	1.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.52E-06	7.26E-09	3.67E-10	7.28E-10	0.00E+00	0.00E+00	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1667	CENSUS	0	374634.1	3762678	2.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.84E-06	1.10E-08	5.41E-10	9.05E-10	0.00E+00	0.00E+00	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1668	CENSUS	25	375310.7	3762916	1.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.34E-06	9.27E-09	4.56E-10	7.77E-10	0.00E+00	0.00E+00	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1669	CENSUS	43	375367.7	3762792	1.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.15E-06	7.71E-09	3.86E-10	7.20E-10	0.00E+00	0.00E+00	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1670	CENSUS	20	375300.7	3762759	1.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.21E-06	7.63E-09	3.83E-10	7.21E-10	0.00E+00	0.00E+00	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1671	CENSUS	144	375455.4	3762540	7.67E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.55E-07	5.93E-09	3.08E-10	6.79E-10	0.00E+00	0.00E+00	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1672	CENSUS	38	375353.3	3762580	9.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.39E-07	6.51E-09	3.35E-10	7.16E-10	0.00E+00	0.00E+00	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1673	CENSUS	69	375241.4	3762590	1.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.06E-06	6.82E-09	3.47E-10	7.02E-10	0.00E+00	0.00E+00	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1674	CENSUS	162	375327.6	3762408	7.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.12E-07	6.16E-09	3.18E-10	6.93E-10	0.00E+00	0.00E+00	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1675	CENSUS	60	375348.5	3762306	5.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.83E-07	6.09E-09	3.15E-10	6.83E-10	0.00E+00	0.00E+00	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1676	CENSUS	51	375017.4	3762454	1.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.16E-06	7.90E-09	3.95E-10	7.32E-10	0.00E+00	0.00E+00	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1677	CENSUS	146	375236.2	3762327	7.08E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.95E-07	6.78E-09	3.46E-10	7.14E-10	0.00E+00	0.00E+00	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1678	CENSUS	0	375238.8	3761939	4.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.24E-07	6.84E-09	3.44E-10	6.55E-10	0.00E+00	0.00E+00	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1679	CENSUS	24	375342.7	3761939	3.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.87E-07	6.33E-09	3.19E-10	6.20E-10	0.00E+00	0.00E+00	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1680	CENSUS	2	375252.8	3761961	4.41E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.28E-07	6.82E-09	3.43E-10	6.56E-10	0.00E+00	0.00E+00	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1681	CENSUS	210	375140.5	3762234	6.69E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.55E-07	7.73E-09	3.88E-10	7.30E-10	0.00E+00	0.00E+00	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1682	CENSUS	85	375154.8	3762148	5.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.73E-07	7.73E-09	3.90E-10	7.63E-10	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1683	CENSUS	57	375072.8	3761852	4.62E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.48E-07	7.47E-09	3.80E-10	7.64E-10	0.00E+00	0.00E+00	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1684	CENSUS	55	375122.1	3761985	5.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.90E-07	7.72E-09	3.90E-10	7.66E-10	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1685	CENSUS	52	375121.6	3762088	5.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.41E-07	7.93E-09	3.99E-10	7.63E-10	0.00E+00	0.00E+00	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1686	CENSUS	21	375207	3761815	4.05E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.92E-07	6.78E-09	3.43E-10	6.78E-10	0.00E+00	0.00E+00	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1687	CENSUS	0	374590.5	3762620	3.13E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.11E-06	1.18E-08	5.74E-10	9.21E-10	0.00E+00	0.00E+00	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1688	CENSUS	64	374577.8	3762514	3.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.53E-06	1.16E-08	5.63E-10	9.04E-10	0.00E+00	0.00E+00	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1689	CENSUS	37	374637	3762371	2.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.23E-06	1.03E-08	5.06E-10	8.40E-10	0.00E+00	0.00E+00	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1690	CENSUS	123	374906.6	3762064	5.99E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.84E-07	8.60E-09	4.23E-10	7.26E-10	0.00E+00	0.00E+00	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1691	CENSUS	74	374966	3762166	6.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.41E-07	8.61E-09	4.23E-10	7.14E-10	0.00E+00	0.00E+00	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1692	CENSUS	325	374728	3761965	7.54E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.37E-07	9.41E-09	4.70E-10	8.64E-10	0.00E+00	0.00E+00	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1693	CENSUS	28	374645	3762041	9.09E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.91E-07	9.67E-09	4.78E-10	8.31E-10	0.00E+00	0.00E+00	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1694	CENSUS	0	374773	3761992	7.75E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.57E-07	9.50E-09	4.77E-10	9.08E-10	0.00E+00	0.00E+00	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1695	CENSUS	72	374677.8	3762218	1.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.49E-06	1.07E-08	5.22E-10	8.45E-10	0.00E+00	0.00E+00	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1696	CENSUS	28	374611.6	3762288	2.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.15E-06	1.11E-08	5.41E-10	8.73E-10	0.00E+00	0.00E+00	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1697	CENSUS	0	374413.2	3762529	7.66E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.63E-06	1.78E-08	8.43E-10	1.13E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1698	CENSUS	350	374193.3	3762156	6.53E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.50E-06	1.82E-08	8.66E-10	1.19E-09	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1699	CENSUS	112	374691.6	3761662	5.85E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.69E-07	8.36E-09	4.25E-10	8.54E-10	0.00E+00	0.00E+00	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1700	CENSUS	23	374761.6	3761594	5.10E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.96E-07	7.65E-09	3.91E-10	8.08E-10	0.00E+00	0.00E+00	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1701	CENSUS	74	374624.3	3761489	5.37E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.23E-07	7.88E-09	3.93E-10	7.22E-10	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1702	CENSUS	34	374605.6	3761353	4.60E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.47E-07	7.22E-09	3.60E-10	6.63E-10	0.00E+00	0.00E+00	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1703	CENSUS	83	374515.1	3761531	5.95E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.80E-07	8.33E-09	4.13E-10	7.28E-10	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1704	CENSUS	0	374440.8	3761452	5.56E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.41E-07	8.01E-09	3.97E-10	7.06E-10	0.00E+00	0.00E+00	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1705	CENSUS	137	374317.4	3761468	6.65E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.49E-07	8.83E-09	4.36E-10	7.55E-10	0.00E+00	0.00E+00	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1706	CENSUS	123	374273.3	3761382	6.18E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.03E-07	8.48E-09	4.19E-10	7.37E-10	0.00E+00	0.00E+00	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1707	CENSUS	48	374309.3	3761171	4.63E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.50E-07	7.22E-09	3.60E-10	6.58E-10	0.00E+00	0.00E+00	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1708	CENSUS	10	374993.8	3761699	4.51E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.38E-07	7.02E-09	3.60E-10	7.54E-10	0.00E+00	0.00E+00	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1709	CENSUS	23	374935.9	3761602	4.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.33E-07	6.82E-09	3.51E-10	7.54E-10	0.00E+00	0.00E+00	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1710	CENSUS	31	374883.6	3761611	4.70E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.57E-07	7.07E-09	3.64E-10	7.82E-10	0.00E+00	0.00E+00	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1711	CENSUS	8	374833.3	3761616	4.87E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.73E-07	7.32E-09	3.76E-10	7.93E-10	0.00E+00	0.00E+00	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1712	CENSUS	14	374818.7	3761527	4.64E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.51E-07	7.13E-09	3.67E-10	7.80E-10	0.00E+00	0.00E+00	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1713	CENSUS	41	374865.7	3761513	4.42E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.29E-07	6.85E-09	3.53E-10	7.64E-10	0.00E+00	0.00E+00	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1714	CENSUS	52	374917.9	3761502	4.23E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.11E-07	6.58E-09	3.41E-10	7.50E-10	0.00E+00	0.00E+00	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1715	CENSUS	42	375011.8	3761596	4.17E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.04E-07	6.52E-09	3.35E-10	7.12E-10	0.00E+00	0.00E+00	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1716	CENSUS	12	374799.4	3761431	4.46E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.33E-07	6.99E-09	3.59E-10	7.56E-10	0.00E+00	0.00E+00	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1717	PROPERTY		373878.3	3763644	6.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.13E-06	3.65E-07	1.79E-08	2.94E-08	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1718	PROPERTY		373970.5	3763624	5.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.17E-06	2.88E-07	1.38E-08	1.98E-08	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1719	PROPERTY		374064.3	3763658	4.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.76E-06	2.23E-07	1.07E-08	1.62E-08	0.00E+00	0.00E+00	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1720	PROPERTY		374104.6	3763597	3.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.50E-06	2.05E-07	9.39E-09	9.26E-09	0.00E+00	0.00E+00	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1721	PROPERTY		374149.7	3763551	3.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.37E-06	2.04E-07	9.12E-09	6.56E-09	0.00E+00	0.00E+00	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1722	PROPERTY		374116.7	3763467	4.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.75E-06	2.38E-07	1.04E-08	5.06E-09	0.00E+00	0.00E+00	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1723	PROPERTY		374142.8	3763403	4.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.80E-06	2.54E-07	1.10E-08	3.99E-09	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1724	PROPERTY		374142.2	3763307	4.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.23E-06	2.82E-07	1.21E-08	3.38E-09	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1725	PROPERTY		374140	3763207	4.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.47E-06	2.91E-07	1.25E-08	3.04E-09	0.00E+00	0.00E+00	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1726	PROPERTY		374184.9	3763187	4.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.81E-06	2.50E-07	1.07E-08	2.71E-09	0.00E+00	0.00E+00	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1727	PROPERTY		374255.8	3763140	3.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.55E-06	1.85E-07	7.93E-09	2.22E-09	0.00E+00	0.00E+00	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1728	PROPERTY		374255.9	3763058	4.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.53E-06	1.40E-07	6.05E-09	1.92E-09	0.00E+00	0.00E+00	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1729	PROPERTY		374303.9	3763049	7.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.35E-06	1.00E-07	4.35E-09	1.66E-09	0.00E+00	0.00E+00	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1730	PROPERTY		374350.8	3763006	3.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.74E-06	5.45E-08	2.40E-09	1.37E-09	0.00E+00	0.00E+00	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1731	PROPERTY		374338.8	3762922	4.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.86E-06	2.94E-08	1.34E-09	1.21E-09	0.00E+00	0.00E+00	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1732	PROPERTY		374390.8	3762908	3.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.79E-06	2.25E-08	1.04E-09	1.11E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1733	PROPERTY		374432	3762848	7.22E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.19E-06	1.67E-08	7.91E-10	1.05E-09	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1734	PROPERTY		374466.4	3762754	4.55E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.52E-06	1.37E-08	6.58E-10	9.83E-10	0.00E+00	0.00E+00	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1735	PROPERTY		374500.8	3762660	4.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.97E-06	1.38E-08	6.66E-10	1.01E-09	0.00E+00	0.00E+00	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1736	PROPERTY		374509.2	3762571	3.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.90E-06	1.29E-08	6.24E-10	9.68E-10	0.00E+00	0.00E+00	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1737	PROPERTY		374507.2	3762488	5.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.40E-06	1.36E-08	6.56E-10	9.86E-10	0.00E+00	0.00E+00	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1738	PROPERTY		374485.3	3762391	5.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.66E-06	1.47E-08	7.04E-10	1.03E-09	0.00E+00	0.00E+00	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1739	PROPERTY		374481	3762291	4.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.84E-06	1.45E-08	7.02E-10	1.08E-09	0.00E+00	0.00E+00	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1740	PROPERTY		374481.6	3762191	4.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.49E-06	1.37E-08	6.72E-10	1.13E-09	0.00E+00	0.00E+00	9.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1741	PROPERTY		374496.6	3762092	3.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.44E-06	1.24E-08	6.10E-10	1.02E-09	0.00E+00	0.00E+00	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1742	PROPERTY		374507.3	3761993	1.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.68E-06	1.14E-08	5.61E-10	9.46E-10	0.00E+00	0.00E+00	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1743	PROPERTY		374508	3761893	1.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.27E-06	1.06E-08	5.19E-10	8.79E-10	0.00E+00	0.00E+00	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1744	PROPERTY		374492.3	3761807	9.96E-07	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.78E-07	1.01E-08	4.95E-10	8.37E-10	0.00E+00	0.00E+00	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1745	PROPERTY		374402.7	3761799	1.21E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-06	1.06E-08	5.17E-10	8.47E-10	0.00E+00	0.00E+00	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1746	PROPERTY		374333	3761769	1.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.30E-06	1.08E-08	5.27E-10	8.55E-10	0.00E+00	0.00E+00	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1747	PROPERTY		374256.6	3761794	1.77E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.75E-06	1.17E-08	5.68E-10	9.03E-10	0.00E+00	0.00E+00	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1748	PROPERTY		374212.3	3761849	2.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.26E-06	1.26E-08	6.09E-10	9.48E-10	0.00E+00	0.00E+00	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1749	PROPERTY		374112.3	3761852	2.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.44E-06	1.35E-08	6.54E-10	1.03E-09	0.00E+00	0.00E+00	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1750	PROPERTY		374128.9	3761865	2.58E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.55E-06	1.35E-08	6.57E-10	1.02E-09	0.00E+00	0.00E+00	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1751	PROPERTY		374156.7	3761936	3.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.40E-06	1.46E-08	7.05E-10	1.07E-09	0.00E+00	0.00E+00	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1752	PROPERTY		374156.7	3762036	5.18E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.15E-06	1.65E-08	7.93E-10	1.17E-09	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1753	PROPERTY		374156.8	3762136	5.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.27E-06	1.86E-08	8.89E-10	1.26E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1754	PROPERTY		374156.8	3762236	7.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.05E-06	2.12E-08	1.01E-09	1.39E-09	0.00E+00	0.00E+00	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1755	PROPERTY		374070.2	3762223	5.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.43E-06	2.15E-08	1.02E-09	1.39E-09	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1756	PROPERTY		373982.1	3762247	6.10E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.06E-06	2.28E-08	1.09E-09	1.52E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1757	PROPERTY		373919.4	3762187	4.83E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.79E-06	2.07E-08	9.87E-10	1.37E-09	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1758	PROPERTY		373887.7	3762093	3.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.69E-06	1.85E-08	8.90E-10	1.32E-09	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1759	PROPERTY		373815.8	3762029	3.17E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.14E-06	1.72E-08	8.33E-10	1.27E-09	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1760	PROPERTY		373715.9	3762024	3.09E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.07E-06	1.68E-08	8.08E-10	1.21E-09	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1761	PROPERTY		373700.9	3761935	2.51E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.48E-06	1.54E-08	7.45E-10	1.16E-09	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1762	PROPERTY		373682.9	3761849	2.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.13E-06	1.42E-08	6.90E-10	1.11E-09	0.00E+00	0.00E+00	9.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1763	PROPERTY		373582.9	3761849	2.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.97E-06	1.37E-08	6.69E-10	1.10E-09	0.00E+00	0.00E+00	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1764	PROPERTY		373543.8	3761893	2.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.17E-06	1.47E-08	7.14E-10	1.15E-09	0.00E+00	0.00E+00	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1765	PROPERTY		373575.2	3761988	2.94E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.91E-06	1.69E-08	8.15E-10	1.22E-09	0.00E+00	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1766	PROPERTY		373595	3762086	3.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.41E-06	1.96E-08	9.34E-10	1.31E-09	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1767	PROPERTY		373605.1	3762185	4.57E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.53E-06	2.36E-08	1.12E-09	1.46E-09	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1768	PROPERTY		373606.5	3762285	4.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.63E-06	2.69E-08	1.26E-09	1.50E-09	0.00E+00	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1769	PROPERTY		373595.3	3762384	5.24E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-06	3.32E-08	1.53E-09	1.63E-09	0.00E+00	0.00E+00	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1770	PROPERTY		373583.5	3762484	7.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.98E-06	4.19E-08	1.91E-09	1.79E-09	0.00E+00	0.00E+00	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1771	PROPERTY		373571.6	3762583	7.61E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.52E-06	5.40E-08	2.44E-09	2.00E-09	0.00E+00	0.00E+00	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1772	PROPERTY		373559.7	3762682	7.74E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.63E-06	6.98E-08	3.12E-09	2.28E-09	0.00E+00	0.00E+00	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1773	PROPERTY		373547.8	3762782	1.02E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-05	9.30E-08	4.13E-09	2.64E-09	0.00E+00	0.00E+00	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1774	PROPERTY		373475.8	3762792	8.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.99E-06	9.65E-08	4.29E-09	2.87E-09	0.00E+00	0.00E+00	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1775	PROPERTY		373378.9	3762767	5.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.50E-06	7.93E-08	3.59E-09	3.03E-09	0.00E+00	0.00E+00	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1776	PROPERTY		373281.1	3762746	4.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.86E-06	6.78E-08	3.11E-09	3.17E-09	0.00E+00	0.00E+00	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1777	PROPERTY		373182.6	3762730	4.81E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.70E-06	6.32E-08	2.96E-09	3.59E-09	0.00E+00	0.00E+00	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1778	PROPERTY		373082.8	3762735	4.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.36E-06	6.12E-08	2.94E-09	4.30E-09	0.00E+00	0.00E+00	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1779	PROPERTY		372983.3	3762744	4.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.37E-06	6.01E-08	2.98E-09	5.24E-09	0.00E+00	0.00E+00	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1780	PROPERTY		372922.5	3762766	4.49E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-06	5.72E-08	2.81E-09	4.76E-09	0.00E+00	0.00E+00	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1781	PROPERTY		372998.6	3762831	5.25E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.12E-06	7.04E-08	3.43E-09	5.54E-09	0.00E+00	0.00E+00	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1782	PROPERTY		373074.6	3762896	6.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.01E-06	8.47E-08	4.08E-09	6.09E-09	0.00E+00	0.00E+00	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1783	PROPERTY		373050.9	3762933	6.32E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.16E-06	8.87E-08	4.30E-09	6.72E-09	0.00E+00	0.00E+00	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1784	PROPERTY		372952.4	3762950	5.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.53E-06	8.31E-08	4.08E-09	6.81E-09	0.00E+00	0.00E+00	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1785	PROPERTY		372853.8	3762967	5.34E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.19E-06	8.14E-08	3.99E-09	6.65E-09	0.00E+00	0.00E+00	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1786	PROPERTY		372817.6	3763003	5.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.31E-06	8.94E-08	4.32E-09	6.62E-09	0.00E+00	0.00E+00	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1787	PROPERTY		372855.3	3763071	6.46E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.27E-06	1.09E-07	5.20E-09	7.06E-09	0.00E+00	0.00E+00	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1788	PROPERTY		372791.7	3763148	7.71E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.44E-06	1.63E-07	7.45E-09	6.93E-09	0.00E+00	0.00E+00	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1789	PROPERTY		372728.1	3763226	7.85E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.51E-06	2.04E-07	9.15E-09	6.73E-09	0.00E+00	0.00E+00	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1790	PROPERTY		372658.3	3763242	6.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.51E-06	1.63E-07	7.38E-09	6.18E-09	0.00E+00	0.00E+00	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1791	PROPERTY		372579.3	3763181	5.64E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.44E-06	1.15E-07	5.31E-09	5.58E-09	0.00E+00	0.00E+00	7.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1792	PROPERTY		372500.1	3763120	5.12E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.97E-06	8.77E-08	4.14E-09	5.36E-09	0.00E+00	0.00E+00	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1793	PROPERTY		372548.6	3763057	4.86E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.71E-06	8.41E-08	3.94E-09	4.81E-09	0.00E+00	0.00E+00	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1794	PROPERTY		372573.5	3763016	4.75E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.61E-06	8.20E-08	3.86E-09	4.94E-09	0.00E+00	0.00E+00	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1795	PROPERTY		372475.1	3763034	4.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.32E-06	7.20E-08	3.41E-09	4.48E-09	0.00E+00	0.00E+00	4.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1796	PROPERTY		372376.6	3763051	4.26E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.14E-06	6.72E-08	3.24E-09	4.87E-09	0.00E+00	0.00E+00	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1797	PROPERTY		372278.1	3763069	4.05E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.95E-06	5.75E-08	2.77E-09	4.18E-09	0.00E+00	0.00E+00	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1798	PROPERTY		372179.7	3763086	3.37E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.28E-06	4.62E-08	2.23E-09	3.37E-09	0.00E+00	0.00E+00	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1799	PROPERTY		372156.1	3763161	3.47E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.39E-06	4.73E-08	2.27E-09	3.28E-09	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1800	PROPERTY		372157	3763261	4.20E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.10E-06	5.46E-08	2.59E-09	3.45E-09	0.00E+00	0.00E+00	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1801	PROPERTY		372151.8	3763361	4.28E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.18E-06	5.45E-08	2.56E-09	3.13E-09	0.00E+00	0.00E+00	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1802	PROPERTY		372145.4	3763461	4.30E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.21E-06	5.41E-08	2.52E-09	2.91E-09	0.00E+00	0.00E+00	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Cancer Risk Future Scenario by Receptor

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISK	EGG_RISK
1803	PROPERTY		372139	3763561	4.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.68E-06	5.55E-08	2.56E-09	2.71E-09	0.00E+00	0.00E+00	3.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1804	PROPERTY		372132.6	3763661	5.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.35E-06	5.63E-08	2.58E-09	2.51E-09	0.00E+00	0.00E+00	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1805	PROPERTY		372108.8	3763756	6.06E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.97E-06	5.43E-08	2.47E-09	2.29E-09	0.00E+00	0.00E+00	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1806	PROPERTY		372040.7	3763829	5.54E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.46E-06	4.70E-08	2.15E-09	2.07E-09	0.00E+00	0.00E+00	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1807	PROPERTY		371970.3	3763900	5.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.93E-06	4.00E-08	1.84E-09	1.88E-09	0.00E+00	0.00E+00	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1808	PROPERTY		371894.1	3763964	4.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.97E-06	3.36E-08	1.56E-09	1.73E-09	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1809	PROPERTY		371869.3	3764039	3.68E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.63E-06	3.09E-08	1.44E-09	1.62E-09	0.00E+00	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1810	PROPERTY		371911.6	3764129	4.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.97E-06	3.16E-08	1.46E-09	1.54E-09	0.00E+00	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1811	PROPERTY		371964.4	3764214	5.48E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.43E-06	3.28E-08	1.50E-09	1.48E-09	0.00E+00	0.00E+00	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1812	PROPERTY		371963.3	3764286	4.36E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.31E-06	3.01E-08	1.38E-09	1.40E-09	0.00E+00	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1813	PROPERTY		371878.8	3764340	2.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.68E-06	2.39E-08	1.12E-09	1.30E-09	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1814	PROPERTY		371794.2	3764393	1.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.93E-06	1.97E-08	9.31E-10	1.22E-09	0.00E+00	0.00E+00	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815	PROPERTY		371830.2	3764481	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.92E-06	1.85E-08	8.75E-10	1.16E-09	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1816	PROPERTY		371877.7	3764518	2.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.12E-06	1.87E-08	8.85E-10	1.14E-09	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1817	PROPERTY		371958	3764459	2.40E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.36E-06	2.31E-08	1.07E-09	1.22E-09	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1818	PROPERTY		372038.3	3764399	4.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.02E-06	3.00E-08	1.37E-09	1.32E-09	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1819	PROPERTY		372100.6	3764433	4.07E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.01E-06	3.36E-08	1.52E-09	1.35E-09	0.00E+00	0.00E+00	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1820	PROPERTY		372151.4	3764519	4.43E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.38E-06	3.22E-08	1.48E-09	1.43E-09	0.00E+00	0.00E+00	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1821	PROPERTY		372202.2	3764605	2.63E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.59E-06	2.70E-08	1.24E-09	1.19E-09	0.00E+00	0.00E+00	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1822	PROPERTY		372253	3764691	1.88E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.84E-06	2.58E-08	1.19E-09	1.24E-09	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1823	PROPERTY		372304.8	3764776	1.35E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.31E-06	2.43E-08	1.12E-09	1.13E-09	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1824	PROPERTY		372389.4	3764723	1.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.90E-06	2.89E-08	1.32E-09	1.26E-09	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1825	PROPERTY		372474.1	3764669	2.44E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	2.38E-06	3.82E-08	1.71E-09	1.24E-09	0.00E+00	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1826	PROPERTY		372554.7	3764612	3.92E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.83E-06	5.48E-08	2.43E-09	1.58E-09	0.00E+00	0.00E+00	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1827	PROPERTY		372601.3	3764537	5.69E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.46E-06	1.45E-07	6.26E-09	1.93E-09	0.00E+00	0.00E+00	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1828	PROPERTY		372701.3	3764539	5.97E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.65E-06	2.04E-07	8.75E-09	2.38E-09	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1829	PROPERTY		372785.6	3764525	5.95E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.57E-06	2.39E-07	1.02E-08	2.34E-09	0.00E+00	0.00E+00	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1830	PROPERTY		372873.1	3764506	6.00E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.59E-06	2.59E-07	1.11E-08	2.43E-09	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1831	PROPERTY		372931.9	3764576	4.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.39E-06	1.92E-07	8.24E-09	2.03E-09	0.00E+00	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1832	PROPERTY		373005.9	3764621	4.03E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.78E-06	1.62E-07	6.95E-09	1.84E-09	0.00E+00	0.00E+00	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1833	PROPERTY		373098.3	3764632	3.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	3.66E-06	1.58E-07	6.78E-09	1.82E-09	0.00E+00	0.00E+00	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1834	PROPERTY		373109.8	3764534	4.91E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	4.60E-06	1.95E-07	8.37E-09	2.09E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1835	PROPERTY		373153.9	3764473	5.70E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.38E-06	2.02E-07	8.67E-09	2.20E-09	0.00E+00	0.00E+00	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1836	PROPERTY		373219	3764414	6.15E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	5.84E-06	1.95E-07	8.36E-09	2.27E-09	0.00E+00	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1837	PROPERTY		373233	3764333	6.84E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.53E-06	1.96E-07	8.42E-09	2.38E-09	0.00E+00	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1838	PROPERTY		373308	3764271	7.08E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	6.79E-06	1.85E-07	7.98E-09	2.47E-09	0.00E+00	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1839	PROPERTY		373336.6	3764176	7.78E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.46E-06	1.99E-07	8.57E-09	2.76E-09	0.00E+00	0.00E+00	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1840	PROPERTY		373362.5	3764079	8.02E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.67E-06	2.19E-07	9.47E-09	3.12E-09	0.00E+00	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1841	PROPERTY		373388.3	3763983	9.16E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.75E-06	2.58E-07	1.11E-08	3.60E-09	0.00E+00	0.00E+00	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1842	PROPERTY		373423.4	3763890	9.45E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.87E-06	3.64E-07	1.56E-08	4.46E-09	0.00E+00	0.00E+00	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1843	PROPERTY		373475.6	3763805	1.23E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.12E-05	6.83E-07	2.92E-08	6.77E-09	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1844	PROPERTY		373493.2	3763713	1.38E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.19E-05	1.21E-06	5.16E-08	1.17E-08	0.00E+00	0.00E+00	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1845	PROPERTY		373561.3	3763643	1.19E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	1.01E-05	1.12E-06	4.98E-08	3.22E-08	0.00E+00	0.00E+00	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1846	PROPERTY		373661.1	3763637	1.10E-05	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	9.67E-06	7.35E-07	3.48E-08	4.63E-08	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1847	PROPERTY		373743	3763650	9.72E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	8.66E-06	6.02E-07	2.88E-08	4.11E-08	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1848	PROPERTY		373805.6	3763685	8.14E-06	30YrCancerRMP_InhSoilDermMMilkCrops_FAH16to70	7.23E-06	5.16E-07	2.48E-08	3.69E-08	0.00E+00	0.00E+00	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	CARTGRID	1	371500	3761400	NonCancerAcute	2.44E-03	2.52E-03	1.36E-02	0.00E+00	3.85E-09	5.13E-03	4.76E-03	0.00E+00	5.47E-03	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	1.36E-02
2	CARTGRID	1	371600	3761400	NonCancerAcute	2.48E-03	2.57E-03	1.39E-02	0.00E+00	3.93E-09	5.26E-03	4.87E-03	0.00E+00	5.60E-03	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	1.39E-02
3	CARTGRID	1	371700	3761400	NonCancerAcute	2.53E-03	2.61E-03	1.42E-02	0.00E+00	3.97E-09	5.35E-03	4.93E-03	0.00E+00	5.68E-03	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	1.42E-02
4	CARTGRID	1	371800	3761400	NonCancerAcute	2.54E-03	2.63E-03	1.43E-02	0.00E+00	4.18E-09	5.43E-03	5.17E-03	0.00E+00	5.95E-03	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	1.43E-02
5	CARTGRID	1	371900	3761400	NonCancerAcute	2.70E-03	2.79E-03	1.51E-02	0.00E+00	4.33E-09	5.70E-03	5.36E-03	0.00E+00	6.16E-03	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	1.51E-02
6	CARTGRID	1	372000	3761400	NonCancerAcute	2.79E-03	2.88E-03	1.56E-02	0.00E+00	4.65E-09	5.92E-03	5.74E-03	0.00E+00	6.59E-03	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	1.56E-02
7	CARTGRID	1	372100	3761400	NonCancerAcute	2.86E-03	2.96E-03	1.60E-02	0.00E+00	4.67E-09	6.07E-03	5.78E-03	0.00E+00	6.66E-03	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	1.60E-02
8	CARTGRID	1	372200	3761400	NonCancerAcute	2.86E-03	2.96E-03	1.61E-02	0.00E+00	4.73E-09	6.14E-03	5.86E-03	0.00E+00	6.74E-03	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	1.61E-02
9	CARTGRID	1	372300	3761400	NonCancerAcute	3.08E-03	3.18E-03	1.72E-02	0.00E+00	4.95E-09	6.51E-03	6.13E-03	0.00E+00	7.05E-03	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	1.72E-02
10	CARTGRID	1	372400	3761400	NonCancerAcute	3.24E-03	3.35E-03	1.81E-02	0.00E+00	5.08E-09	6.81E-03	6.29E-03	0.00E+00	7.24E-03	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	1.81E-02
11	CARTGRID	1	372500	3761400	NonCancerAcute	3.34E-03	3.45E-03	1.86E-02	0.00E+00	5.10E-09	7.01E-03	6.33E-03	0.00E+00	7.30E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	1.86E-02
12	CARTGRID	1	372600	3761400	NonCancerAcute	3.54E-03	3.66E-03	1.97E-02	0.00E+00	5.04E-09	7.34E-03	6.28E-03	0.00E+00	7.26E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	1.97E-02
13	CARTGRID	1	372700	3761400	NonCancerAcute	3.69E-03	3.81E-03	2.05E-02	0.00E+00	5.14E-09	7.63E-03	6.41E-03	0.00E+00	7.42E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	2.05E-02
14	CARTGRID	1	372800	3761400	NonCancerAcute	3.66E-03	3.78E-03	2.05E-02	0.00E+00	5.24E-09	7.72E-03	6.54E-03	0.00E+00	7.57E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	2.05E-02
15	CARTGRID	1	372900	3761400	NonCancerAcute	3.70E-03	3.82E-03	2.07E-02	0.00E+00	5.34E-09	7.87E-03	6.66E-03	0.00E+00	7.72E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	2.07E-02
16	CARTGRID	1	373000	3761400	NonCancerAcute	3.76E-03	3.88E-03	2.11E-02	0.00E+00	5.51E-09	8.04E-03	6.88E-03	0.00E+00	7.96E-03	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	2.11E-02
17	CARTGRID	1	373100	3761400	NonCancerAcute	3.87E-03	4.00E-03	2.18E-02	0.00E+00	5.84E-09	8.33E-03	7.27E-03	0.00E+00	8.40E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.18E-02
18	CARTGRID	1	373200	3761400	NonCancerAcute	3.95E-03	4.09E-03	2.23E-02	0.00E+00	5.78E-09	8.59E-03	7.23E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.23E-02
19	CARTGRID	1	373300	3761400	NonCancerAcute	3.95E-03	4.09E-03	2.24E-02	0.00E+00	6.03E-09	8.69E-03	7.51E-03	0.00E+00	8.67E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	2.24E-02
20	CARTGRID	1	373400	3761400	NonCancerAcute	4.03E-03	4.17E-03	2.29E-02	0.00E+00	6.14E-09	8.94E-03	7.65E-03	0.00E+00	8.84E-03	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	2.29E-02
21	CARTGRID	1	373500	3761400	NonCancerAcute	3.98E-03	4.13E-03	2.29E-02	0.00E+00	6.17E-09	9.07E-03	7.71E-03	0.00E+00	8.96E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	2.29E-02
22	CARTGRID	1	373600	3761400	NonCancerAcute	4.20E-03	4.35E-03	2.40E-02	0.00E+00	6.67E-09	9.46E-03	8.29E-03	0.00E+00	9.57E-03	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.40E-02
23	CARTGRID	1	373700	3761400	NonCancerAcute	4.18E-03	4.33E-03	2.40E-02	0.00E+00	6.47E-09	9.48E-03	8.09E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	2.40E-02
24	CARTGRID	1	373800	3761400	NonCancerAcute	4.35E-03	4.50E-03	2.49E-02	0.00E+00	7.06E-09	9.76E-03	8.77E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	2.49E-02
25	CARTGRID	1	373900	3761400	NonCancerAcute	4.20E-03	4.35E-03	2.43E-02	0.00E+00	7.15E-09	9.71E-03	8.86E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.43E-02
26	CARTGRID	1	374000	3761400	NonCancerAcute	4.01E-03	4.16E-03	2.34E-02	0.00E+00	7.11E-09	9.60E-03	8.84E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.47E-03	0.00E+00	0.00E+00	2.34E-02
27	CARTGRID	1	374100	3761400	NonCancerAcute	4.01E-03	4.17E-03	2.34E-02	0.00E+00	6.94E-09	9.59E-03	8.66E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	2.34E-02
28	CARTGRID	1	374200	3761400	NonCancerAcute	3.78E-03	3.94E-03	2.23E-02	0.00E+00	7.03E-09	9.28E-03	8.74E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	2.23E-02
29	CARTGRID	1	374300	3761400	NonCancerAcute	3.69E-03	3.84E-03	2.18E-02	0.00E+00	6.66E-09	9.13E-03	8.32E-03	0.00E+00	9.67E-03	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	2.18E-02
30	CARTGRID	1	374400	3761400	NonCancerAcute	3.41E-03	3.56E-03	2.04E-02	0.00E+00	6.16E-09	8.75E-03	7.73E-03	0.00E+00	9.03E-03	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.04E-02
31	CARTGRID	1	374500	3761400	NonCancerAcute	3.51E-03	3.66E-03	2.08E-02	0.00E+00	6.47E-09	8.72E-03	8.08E-03	0.00E+00	9.38E-03	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	2.08E-02
32	CARTGRID	1	374600	3761400	NonCancerAcute	3.51E-03	3.66E-03	2.07E-02	0.00E+00	6.61E-09	8.61E-03	8.22E-03	0.00E+00	9.50E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	2.07E-02
33	CARTGRID	1	374700	3761400	NonCancerAcute	3.56E-03	3.71E-03	2.09E-02	0.00E+00	7.04E-09	8.63E-03	8.72E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	2.09E-02
34	CARTGRID	1	374800	3761400	NonCancerAcute	3.48E-03	3.64E-03	2.07E-02	0.00E+00	7.89E-09	8.73E-03	9.70E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	2.07E-02
35	CARTGRID	1	374900	3761400	NonCancerAcute	3.32E-03	3.47E-03	1.97E-02	0.00E+00	7.92E-09	8.36E-03	9.70E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	1.97E-02
36	CARTGRID	1	375000	3761400	NonCancerAcute	3.26E-03	3.40E-03	1.91E-02	0.00E+00	6.80E-09	7.89E-03	8.38E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	1.91E-02
37	CARTGRID	1	371500	3761500	NonCancerAcute	2.45E-03	2.53E-03	1.37E-02	0.00E+00	3.80E-09	5.15E-03	4.71E-03	0.00E+00	5.43E-03	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	1.37E-02
38	CARTGRID	1	371600	3761500	NonCancerAcute	2.53E-03	2.62E-03	1.42E-02	0.00E+00	4.06E-09	5.37E-03	5.02E-03	0.00E+00	5.77E-03	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	1.42E-02
39	CARTGRID	1	371700	3761500	NonCancerAcute	2.66E-03	2.75E-03	1.49E-02	0.00E+00	4.21E-09	5.64E-03	5.22E-03	0.00E+00	6.00E-03	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	1.49E-02
40	CARTGRID	1	371800	3761500	NonCancerAcute	2.73E-03	2.82E-03	1.53E-02	0.00E+00	4.29E-09	5.76E-03	5.32E-03	0.00E+00	6.13E-03	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	1.53E-02
41	CARTGRID	1	371900	3761500	NonCancerAcute	2.74E-03	2.84E-03	1.54E-02	0.00E+00	4.49E-09	5.85E-03	5.56E-03	0.00E+00	6.40E-03	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	1.54E-02
42	CARTGRID	1	372000	3761500	NonCancerAcute	2.91E-03	3.01E-03	1.63E-02	0.00E+00	4.68E-09	6.13E-03	5.79E-03	0.00E+00	6.66E-03	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	1.63E-02
43	CARTGRID	1	372100	3761500	NonCancerAcute	3.02E-03	3.12E-03	1.69E-02	0.00E+00	5.02E-09	6.40E-03	6.19E-03	0.00E+00	7.10E-03	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	1.69E-02
44	CARTGRID	1	372200	3761500	NonCancerAcute	3.10E-03	3.21E-03	1.73E-02	0.00E+00	4.95E-09	6.56E-03	6.14E-03	0.00E+00	7.08E-03	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	1.73E-02
45	CARTGRID	1	372300	3761500	NonCancerAcute	3.22E-03	3.33E-03	1.80E-02	0.00E+00	5.19E-09	6.81E-03	6.43E-03	0.00E+00	7.39E-03	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	1.80E-02
46	CARTGRID	1	372400	3761500	NonCancerAcute	3.45E-03	3.56E-03	1.92E-02	0.00E+00	5.30E-09	7.20E-03	6.57E-03	0.00E+00	7.57E-03	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	1.92E-02
47	CARTGRID	1	372500	3761500	NonCancerAcute	3.55E-03	3.67E-03	1.98E-02	0.00E+00	5.52E-09	7.46E-03	6.84E-03	0.00E+00	7.86E-03	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	1.98E-02
48	CARTGRID	1	372600	3761500	NonCancerAcute	3.76E-03	3.88E-03	2.09E-02	0.00E+00	5.35E-09	7.78E-03	6.66E-03	0.00E+00	7.70E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	2.09E-02
49	CARTGRID	1	372700	3761500	NonCancerAcute	3.89E-03	4.01E-03	2.16E-02	0.00E+00	5.52E-09	8.06E-03	6.87E-03	0.00E+00	7.93E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	2.16E-02
50	CARTGRID	1	372800	3761500	NonCancerAcute	3.93E-03	4.06E-03	2.19E-02	0.00E+00	5.63E-09	8.23E-03	7.02E-03	0.00E+00	8.11E-03	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	2.19E-02
51	CARTGRID	1	372900	3761500	NonCancerAcute	3.92E-03	4.05E-03	2.20E-02	0.00E+00	5.67E-09	8.38E-03	7.08E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.20E-02
52	CARTGRID	1	373000	3761500	NonCancerAcute	4.01E-03	4.15E-03	2.26E-02	0.00E+00	5.92E-09	8.60E-03	7.39E-03	0.00E+00	8.55E-03	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	2.26E-02
53	CARTGRID	1	373100	3761500	NonCancerAcute	4.11E-03	4.25E-03	2.32E-02	0.00E+00	6.24E-09	8.86E-03	7.77E-03	0.00E+00	8.97E-03	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	2.32E-02
54	CARTGRID	1	373200	3761500	NonCancerAcute	4.19E-03	4.33E-03	2.37E-02	0.00E+00	6.13E-09	9.17E-03	7.67E-03	0.00E+00	8.89E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	2.37E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
55	CARTGRID	1	373300	3761500	NonCancerAcute	4.24E-03	4.38E-03	2.41E-02	0.00E+00	6.52E-09	9.37E-03	8.12E-03	0.00E+00	9.38E-03	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	2.41E-02
56	CARTGRID	1	373400	3761500	NonCancerAcute	4.27E-03	4.42E-03	2.44E-02	0.00E+00	6.52E-09	9.56E-03	8.14E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	2.44E-02
57	CARTGRID	1	373500	3761500	NonCancerAcute	4.23E-03	4.39E-03	2.44E-02	0.00E+00	6.72E-09	9.75E-03	8.40E-03	0.00E+00	9.75E-03	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	2.44E-02
58	CARTGRID	1	373600	3761500	NonCancerAcute	4.56E-03	4.72E-03	2.62E-02	0.00E+00	7.34E-09	1.03E-02	9.13E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.62E-02
59	CARTGRID	1	373700	3761500	NonCancerAcute	4.51E-03	4.68E-03	2.60E-02	0.00E+00	7.20E-09	1.03E-02	8.99E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.60E-02
60	CARTGRID	1	373800	3761500	NonCancerAcute	4.73E-03	4.90E-03	2.71E-02	0.00E+00	7.76E-09	1.07E-02	9.64E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	2.71E-02
61	CARTGRID	1	373900	3761500	NonCancerAcute	4.52E-03	4.69E-03	2.63E-02	0.00E+00	7.77E-09	1.06E-02	9.65E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	2.63E-02
62	CARTGRID	1	374000	3761500	NonCancerAcute	4.36E-03	4.53E-03	2.55E-02	0.00E+00	7.85E-09	1.05E-02	9.76E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	2.55E-02
63	CARTGRID	1	374100	3761500	NonCancerAcute	4.22E-03	4.39E-03	2.49E-02	0.00E+00	7.58E-09	1.04E-02	9.46E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	2.49E-02
64	CARTGRID	1	374200	3761500	NonCancerAcute	4.03E-03	4.20E-03	2.40E-02	0.00E+00	7.50E-09	1.01E-02	9.37E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	2.40E-02
65	CARTGRID	1	374300	3761500	NonCancerAcute	3.91E-03	4.09E-03	2.33E-02	0.00E+00	7.18E-09	9.89E-03	8.98E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	2.33E-02
66	CARTGRID	1	374400	3761500	NonCancerAcute	3.67E-03	3.84E-03	2.21E-02	0.00E+00	6.68E-09	9.56E-03	8.38E-03	0.00E+00	9.80E-03	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	2.21E-02
67	CARTGRID	1	374500	3761500	NonCancerAcute	3.74E-03	3.90E-03	2.23E-02	0.00E+00	7.03E-09	9.49E-03	8.78E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	2.23E-02
68	CARTGRID	1	374600	3761500	NonCancerAcute	3.77E-03	3.93E-03	2.23E-02	0.00E+00	7.05E-09	9.33E-03	8.78E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	2.23E-02
69	CARTGRID	1	374700	3761500	NonCancerAcute	3.80E-03	3.97E-03	2.26E-02	0.00E+00	8.11E-09	9.59E-03	1.00E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.26E-02
70	CARTGRID	1	374800	3761500	NonCancerAcute	3.63E-03	3.80E-03	2.19E-02	0.00E+00	9.21E-09	9.48E-03	1.13E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	2.19E-02
71	CARTGRID	1	374900	3761500	NonCancerAcute	3.60E-03	3.77E-03	2.16E-02	0.00E+00	9.00E-09	9.23E-03	1.10E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	2.16E-02
72	CARTGRID	1	375000	3761500	NonCancerAcute	3.34E-03	3.48E-03	1.96E-02	0.00E+00	6.55E-09	8.10E-03	8.12E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	1.96E-02
73	CARTGRID	1	371500	3761600	NonCancerAcute	2.53E-03	2.62E-03	1.41E-02	0.00E+00	3.82E-09	5.30E-03	4.75E-03	0.00E+00	5.48E-03	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	1.41E-02
74	CARTGRID	1	371600	3761600	NonCancerAcute	2.63E-03	2.72E-03	1.47E-02	0.00E+00	4.06E-09	5.53E-03	5.03E-03	0.00E+00	5.80E-03	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	1.47E-02
75	CARTGRID	1	371700	3761600	NonCancerAcute	2.71E-03	2.80E-03	1.52E-02	0.00E+00	4.38E-09	5.77E-03	5.41E-03	0.00E+00	6.21E-03	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	1.52E-02
76	CARTGRID	1	371800	3761600	NonCancerAcute	2.84E-03	2.94E-03	1.59E-02	0.00E+00	4.51E-09	6.04E-03	5.59E-03	0.00E+00	6.43E-03	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	1.59E-02
77	CARTGRID	1	371900	3761600	NonCancerAcute	2.95E-03	3.05E-03	1.65E-02	0.00E+00	4.68E-09	6.23E-03	5.80E-03	0.00E+00	6.68E-03	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	1.65E-02
78	CARTGRID	1	372000	3761600	NonCancerAcute	3.05E-03	3.15E-03	1.70E-02	0.00E+00	4.85E-09	6.41E-03	6.01E-03	0.00E+00	6.90E-03	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	1.70E-02
79	CARTGRID	1	372100	3761600	NonCancerAcute	3.16E-03	3.26E-03	1.77E-02	0.00E+00	5.15E-09	6.68E-03	6.37E-03	0.00E+00	7.31E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.77E-02
80	CARTGRID	1	372200	3761600	NonCancerAcute	3.29E-03	3.40E-03	1.84E-02	0.00E+00	5.43E-09	6.95E-03	6.70E-03	0.00E+00	7.68E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	1.84E-02
81	CARTGRID	1	372300	3761600	NonCancerAcute	3.41E-03	3.52E-03	1.90E-02	0.00E+00	5.32E-09	7.15E-03	6.60E-03	0.00E+00	7.60E-03	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	1.90E-02
82	CARTGRID	1	372400	3761600	NonCancerAcute	3.62E-03	3.73E-03	2.01E-02	0.00E+00	5.60E-09	7.54E-03	6.94E-03	0.00E+00	7.99E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	2.01E-02
83	CARTGRID	1	372500	3761600	NonCancerAcute	3.79E-03	3.91E-03	2.11E-02	0.00E+00	5.81E-09	7.92E-03	7.21E-03	0.00E+00	8.29E-03	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	2.11E-02
84	CARTGRID	1	372600	3761600	NonCancerAcute	4.01E-03	4.14E-03	2.23E-02	0.00E+00	5.91E-09	8.29E-03	7.34E-03	0.00E+00	8.45E-03	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	2.23E-02
85	CARTGRID	1	372700	3761600	NonCancerAcute	4.10E-03	4.23E-03	2.28E-02	0.00E+00	5.83E-09	8.54E-03	7.26E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	2.28E-02
86	CARTGRID	1	372800	3761600	NonCancerAcute	4.23E-03	4.36E-03	2.36E-02	0.00E+00	6.02E-09	8.84E-03	7.50E-03	0.00E+00	8.66E-03	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	2.36E-02
87	CARTGRID	1	372900	3761600	NonCancerAcute	4.27E-03	4.40E-03	2.39E-02	0.00E+00	6.20E-09	9.07E-03	7.72E-03	0.00E+00	8.92E-03	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	2.39E-02
88	CARTGRID	1	373000	3761600	NonCancerAcute	4.30E-03	4.44E-03	2.42E-02	0.00E+00	6.39E-09	9.26E-03	7.97E-03	0.00E+00	9.22E-03	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	2.42E-02
89	CARTGRID	1	373100	3761600	NonCancerAcute	4.35E-03	4.50E-03	2.46E-02	0.00E+00	6.68E-09	9.49E-03	8.32E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	2.46E-02
90	CARTGRID	1	373200	3761600	NonCancerAcute	4.49E-03	4.64E-03	2.54E-02	0.00E+00	6.70E-09	9.83E-03	8.36E-03	0.00E+00	9.67E-03	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.54E-02
91	CARTGRID	1	373300	3761600	NonCancerAcute	4.55E-03	4.71E-03	2.59E-02	0.00E+00	7.02E-09	1.01E-02	8.75E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.59E-02
92	CARTGRID	1	373400	3761600	NonCancerAcute	4.52E-03	4.69E-03	2.60E-02	0.00E+00	6.92E-09	1.03E-02	8.64E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	2.60E-02
93	CARTGRID	1	373500	3761600	NonCancerAcute	4.62E-03	4.79E-03	2.66E-02	0.00E+00	7.16E-09	1.06E-02	8.95E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	2.66E-02
94	CARTGRID	1	373600	3761600	NonCancerAcute	4.85E-03	5.03E-03	2.80E-02	0.00E+00	7.99E-09	1.11E-02	9.93E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	2.80E-02
95	CARTGRID	1	373700	3761600	NonCancerAcute	4.96E-03	5.14E-03	2.86E-02	0.00E+00	8.09E-09	1.14E-02	1.01E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	2.86E-02
96	CARTGRID	1	373800	3761600	NonCancerAcute	5.18E-03	5.38E-03	2.99E-02	0.00E+00	8.72E-09	1.19E-02	1.08E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	2.99E-02
97	CARTGRID	1	373900	3761600	NonCancerAcute	4.94E-03	5.13E-03	2.89E-02	0.00E+00	8.51E-09	1.18E-02	1.06E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	2.89E-02
98	CARTGRID	1	374000	3761600	NonCancerAcute	4.66E-03	4.85E-03	2.75E-02	0.00E+00	8.64E-09	1.14E-02	1.08E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	2.75E-02
99	CARTGRID	1	374100	3761600	NonCancerAcute	4.55E-03	4.75E-03	2.71E-02	0.00E+00	8.40E-09	1.14E-02	1.05E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	2.71E-02
100	CARTGRID	1	374200	3761600	NonCancerAcute	4.41E-03	4.60E-03	2.64E-02	0.00E+00	8.09E-09	1.13E-02	1.01E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	2.64E-02
101	CARTGRID	1	374300	3761600	NonCancerAcute	4.07E-03	4.26E-03	2.47E-02	0.00E+00	7.42E-09	1.07E-02	9.34E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	2.47E-02
102	CARTGRID	1	374400	3761600	NonCancerAcute	4.09E-03	4.28E-03	2.48E-02	0.00E+00	7.36E-09	1.08E-02	9.26E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	2.48E-02
103	CARTGRID	1	374500	3761600	NonCancerAcute	4.10E-03	4.28E-03	2.46E-02	0.00E+00	7.60E-09	1.06E-02	9.51E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	2.46E-02
104	CARTGRID	1	374600	3761600	NonCancerAcute	4.07E-03	4.25E-03	2.42E-02	0.00E+00	7.93E-09	1.02E-02	9.86E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	2.42E-02
105	CARTGRID	1	374700	3761600	NonCancerAcute	4.07E-03	4.27E-03	2.50E-02	0.00E+00	1.07E-08	1.11E-02	1.30E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	2.50E-02
106	CARTGRID	1	374800	3761600	NonCancerAcute	3.91E-03	4.10E-03	2.38E-02	0.00E+00	1.01E-08	1.04E-02	1.23E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	2.38E-02
107	CARTGRID	1	374900	3761600	NonCancerAcute	3.73E-03	3.90E-03	2.24E-02	0.00E+00	9.42E-09	9.59E-03	1.15E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	2.24E-02
108	CARTGRID	1	375000	3761600	NonCancerAcute	3.45E-03	3.61E-03	2.05E-02	0.00E+00	8.36E-09	8.77E-03	1.02E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	2.05E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
109	CARTGRID	1	371500	3761700	NonCancerAcute	2.62E-03	2.71E-03	1.46E-02	0.00E+00	4.02E-09	5.46E-03	4.99E-03	0.00E+00	5.75E-03	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	1.46E-02
110	CARTGRID	1	371600	3761700	NonCancerAcute	2.73E-03	2.81E-03	1.52E-02	0.00E+00	4.10E-09	5.70E-03	5.10E-03	0.00E+00	5.88E-03	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	1.52E-02
111	CARTGRID	1	371700	3761700	NonCancerAcute	2.93E-03	3.03E-03	1.64E-02	0.00E+00	4.48E-09	6.15E-03	5.56E-03	0.00E+00	6.39E-03	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	1.64E-02
112	CARTGRID	1	371800	3761700	NonCancerAcute	2.96E-03	3.06E-03	1.66E-02	0.00E+00	4.80E-09	6.30E-03	5.93E-03	0.00E+00	6.80E-03	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	1.66E-02
113	CARTGRID	1	371900	3761700	NonCancerAcute	3.08E-03	3.18E-03	1.73E-02	0.00E+00	4.90E-09	6.54E-03	6.06E-03	0.00E+00	6.97E-03	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	1.73E-02
114	CARTGRID	1	372000	3761700	NonCancerAcute	3.23E-03	3.34E-03	1.80E-02	0.00E+00	5.10E-09	6.79E-03	6.32E-03	0.00E+00	7.27E-03	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	1.80E-02
115	CARTGRID	1	372100	3761700	NonCancerAcute	3.34E-03	3.45E-03	1.87E-02	0.00E+00	5.27E-09	7.02E-03	6.53E-03	0.00E+00	7.50E-03	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	1.87E-02
116	CARTGRID	1	372200	3761700	NonCancerAcute	3.44E-03	3.55E-03	1.93E-02	0.00E+00	5.68E-09	7.29E-03	7.01E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	1.93E-02
117	CARTGRID	1	372300	3761700	NonCancerAcute	3.63E-03	3.75E-03	2.03E-02	0.00E+00	5.86E-09	7.62E-03	7.24E-03	0.00E+00	8.31E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	2.03E-02
118	CARTGRID	1	372400	3761700	NonCancerAcute	3.82E-03	3.95E-03	2.13E-02	0.00E+00	5.89E-09	7.94E-03	7.30E-03	0.00E+00	8.40E-03	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	2.13E-02
119	CARTGRID	1	372500	3761700	NonCancerAcute	4.03E-03	4.16E-03	2.24E-02	0.00E+00	6.12E-09	8.37E-03	7.59E-03	0.00E+00	8.73E-03	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	2.24E-02
120	CARTGRID	1	372600	3761700	NonCancerAcute	4.26E-03	4.39E-03	2.37E-02	0.00E+00	6.43E-09	8.82E-03	7.97E-03	0.00E+00	9.15E-03	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	2.37E-02
121	CARTGRID	1	372700	3761700	NonCancerAcute	4.43E-03	4.57E-03	2.46E-02	0.00E+00	6.31E-09	9.19E-03	7.86E-03	0.00E+00	9.07E-03	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	2.46E-02
122	CARTGRID	1	372800	3761700	NonCancerAcute	4.53E-03	4.68E-03	2.53E-02	0.00E+00	6.54E-09	9.47E-03	8.14E-03	0.00E+00	9.38E-03	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	2.53E-02
123	CARTGRID	1	372900	3761700	NonCancerAcute	4.58E-03	4.73E-03	2.57E-02	0.00E+00	6.76E-09	9.78E-03	8.42E-03	0.00E+00	9.71E-03	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	2.57E-02
124	CARTGRID	1	373000	3761700	NonCancerAcute	4.66E-03	4.81E-03	2.62E-02	0.00E+00	6.84E-09	1.00E-02	8.53E-03	0.00E+00	9.86E-03	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.62E-02
125	CARTGRID	1	373100	3761700	NonCancerAcute	4.71E-03	4.87E-03	2.66E-02	0.00E+00	7.17E-09	1.02E-02	8.93E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	2.66E-02
126	CARTGRID	1	373200	3761700	NonCancerAcute	4.80E-03	4.96E-03	2.73E-02	0.00E+00	7.39E-09	1.06E-02	9.20E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	2.73E-02
127	CARTGRID	1	373300	3761700	NonCancerAcute	4.93E-03	5.10E-03	2.81E-02	0.00E+00	7.76E-09	1.10E-02	9.65E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	2.81E-02
128	CARTGRID	1	373400	3761700	NonCancerAcute	4.87E-03	5.04E-03	2.81E-02	0.00E+00	7.60E-09	1.12E-02	9.49E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	2.81E-02
129	CARTGRID	1	373500	3761700	NonCancerAcute	5.03E-03	5.22E-03	2.91E-02	0.00E+00	7.69E-09	1.16E-02	9.63E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	2.91E-02
130	CARTGRID	1	373600	3761700	NonCancerAcute	5.11E-03	5.31E-03	2.98E-02	0.00E+00	8.77E-09	1.21E-02	1.09E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	2.98E-02
131	CARTGRID	1	373700	3761700	NonCancerAcute	5.41E-03	5.61E-03	3.13E-02	0.00E+00	8.77E-09	1.25E-02	1.09E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	3.13E-02
132	CARTGRID	1	373800	3761700	NonCancerAcute	5.61E-03	5.82E-03	3.25E-02	0.00E+00	9.56E-09	1.31E-02	1.19E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	3.25E-02
133	CARTGRID	1	373900	3761700	NonCancerAcute	5.36E-03	5.58E-03	3.15E-02	0.00E+00	9.24E-09	1.31E-02	1.16E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	7.54E-03	0.00E+00	0.00E+00	3.15E-02
134	CARTGRID	1	374000	3761700	NonCancerAcute	4.90E-03	5.12E-03	2.94E-02	0.00E+00	9.34E-09	1.26E-02	1.17E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	2.94E-02
135	CARTGRID	1	374100	3761700	NonCancerAcute	4.95E-03	5.17E-03	2.98E-02	0.00E+00	9.24E-09	1.28E-02	1.16E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	2.98E-02
136	CARTGRID	1	374200	3761700	NonCancerAcute	4.78E-03	5.00E-03	2.89E-02	0.00E+00	8.68E-09	1.26E-02	1.09E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	2.89E-02
137	CARTGRID	1	374300	3761700	NonCancerAcute	4.46E-03	4.68E-03	2.74E-02	0.00E+00	8.26E-09	1.22E-02	1.04E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	2.74E-02
138	CARTGRID	1	374400	3761700	NonCancerAcute	4.46E-03	4.68E-03	2.75E-02	0.00E+00	8.16E-09	1.22E-02	1.03E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	2.75E-02
139	CARTGRID	1	374500	3761700	NonCancerAcute	4.38E-03	4.58E-03	2.66E-02	0.00E+00	7.97E-09	1.17E-02	1.00E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	2.66E-02
140	CARTGRID	1	374600	3761700	NonCancerAcute	4.22E-03	4.42E-03	2.54E-02	0.00E+00	8.15E-09	1.09E-02	1.02E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	2.54E-02
141	CARTGRID	1	374700	3761700	NonCancerAcute	4.05E-03	4.25E-03	2.46E-02	0.00E+00	7.86E-09	1.08E-02	9.86E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	6.58E-03	0.00E+00	0.00E+00	2.46E-02
142	CARTGRID	1	374800	3761700	NonCancerAcute	4.06E-03	4.26E-03	2.47E-02	0.00E+00	1.02E-08	1.08E-02	1.24E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	2.47E-02
143	CARTGRID	1	374900	3761700	NonCancerAcute	3.76E-03	3.94E-03	2.27E-02	0.00E+00	9.37E-09	9.90E-03	1.15E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	2.27E-02
144	CARTGRID	1	375000	3761700	NonCancerAcute	3.76E-03	3.93E-03	2.24E-02	0.00E+00	9.16E-09	9.48E-03	1.12E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	2.24E-02
145	CARTGRID	1	371500	3761800	NonCancerAcute	2.68E-03	2.77E-03	1.49E-02	0.00E+00	4.14E-09	5.61E-03	5.13E-03	0.00E+00	5.92E-03	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	1.49E-02
146	CARTGRID	1	371600	3761800	NonCancerAcute	2.85E-03	2.94E-03	1.58E-02	0.00E+00	4.33E-09	5.92E-03	5.37E-03	0.00E+00	6.19E-03	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	1.58E-02
147	CARTGRID	1	371700	3761800	NonCancerAcute	2.96E-03	3.05E-03	1.65E-02	0.00E+00	4.44E-09	6.19E-03	5.52E-03	0.00E+00	6.36E-03	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	1.65E-02
148	CARTGRID	1	371800	3761800	NonCancerAcute	3.05E-03	3.15E-03	1.71E-02	0.00E+00	4.71E-09	6.44E-03	5.84E-03	0.00E+00	6.72E-03	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	1.71E-02
149	CARTGRID	1	371900	3761800	NonCancerAcute	3.15E-03	3.26E-03	1.77E-02	0.00E+00	5.10E-09	6.71E-03	6.30E-03	0.00E+00	7.23E-03	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	1.77E-02
150	CARTGRID	1	372000	3761800	NonCancerAcute	3.31E-03	3.42E-03	1.86E-02	0.00E+00	5.25E-09	7.04E-03	6.50E-03	0.00E+00	7.47E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.86E-02
151	CARTGRID	1	372100	3761800	NonCancerAcute	3.53E-03	3.65E-03	1.97E-02	0.00E+00	5.54E-09	7.41E-03	6.85E-03	0.00E+00	7.88E-03	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	1.97E-02
152	CARTGRID	1	372200	3761800	NonCancerAcute	3.68E-03	3.80E-03	2.05E-02	0.00E+00	5.75E-09	7.73E-03	7.12E-03	0.00E+00	8.18E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	2.05E-02
153	CARTGRID	1	372300	3761800	NonCancerAcute	3.85E-03	3.97E-03	2.15E-02	0.00E+00	6.23E-09	8.07E-03	7.69E-03	0.00E+00	8.81E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	2.15E-02
154	CARTGRID	1	372400	3761800	NonCancerAcute	4.11E-03	4.24E-03	2.28E-02	0.00E+00	6.37E-09	8.50E-03	7.88E-03	0.00E+00	9.04E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	2.28E-02
155	CARTGRID	1	372500	3761800	NonCancerAcute	4.34E-03	4.47E-03	2.40E-02	0.00E+00	6.62E-09	8.91E-03	8.19E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	2.40E-02
156	CARTGRID	1	372600	3761800	NonCancerAcute	4.57E-03	4.71E-03	2.54E-02	0.00E+00	6.74E-09	9.41E-03	8.36E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	2.54E-02
157	CARTGRID	1	372700	3761800	NonCancerAcute	4.72E-03	4.87E-03	2.63E-02	0.00E+00	7.06E-09	9.83E-03	8.75E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	2.63E-02
158	CARTGRID	1	372800	3761800	NonCancerAcute	4.83E-03	4.98E-03	2.70E-02	0.00E+00	6.97E-09	1.01E-02	8.66E-03	0.00E+00	9.98E-03	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	2.70E-02
159	CARTGRID	1	372900	3761800	NonCancerAcute	4.90E-03	5.06E-03	2.75E-02	0.00E+00	7.28E-09	1.04E-02	9.05E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.75E-02
160	CARTGRID	1	373000	3761800	NonCancerAcute	5.09E-03	5.26E-03	2.87E-02	0.00E+00	7.52E-09	1.09E-02	9.36E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	2.87E-02
161	CARTGRID	1	373100	3761800	NonCancerAcute	5.12E-03	5.30E-03	2.90E-02	0.00E+00	7.95E-09	1.12E-02	9.89E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	2.90E-02
162	CARTGRID	1	373200	3761800	NonCancerAcute	5.16E-03	5.33E-03	2.94E-02	0.00E+00	8.19E-09	1.15E-02	1.02E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	2.94E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
163	CARTGRID	1	373300	3761800	NonCancerAcute	5.36E-03	5.55E-03	3.07E-02	0.00E+00	8.49E-09	1.21E-02	1.06E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	3.07E-02
164	CARTGRID	1	373400	3761800	NonCancerAcute	5.38E-03	5.57E-03	3.11E-02	0.00E+00	8.72E-09	1.24E-02	1.09E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.90E-03	0.00E+00	0.00E+00	3.11E-02
165	CARTGRID	1	373500	3761800	NonCancerAcute	5.47E-03	5.67E-03	3.17E-02	0.00E+00	8.27E-09	1.27E-02	1.04E-02	0.00E+00	1.20E-02	0.00E+00	0.00E+00	7.07E-03	0.00E+00	0.00E+00	3.17E-02
166	CARTGRID	1	373600	3761800	NonCancerAcute	5.51E-03	5.72E-03	3.23E-02	0.00E+00	9.58E-09	1.32E-02	1.19E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	3.23E-02
167	CARTGRID	1	373700	3761800	NonCancerAcute	5.90E-03	6.13E-03	3.44E-02	0.00E+00	9.76E-09	1.40E-02	1.22E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	7.91E-03	0.00E+00	0.00E+00	3.44E-02
168	CARTGRID	1	373800	3761800	NonCancerAcute	6.14E-03	6.38E-03	3.59E-02	0.00E+00	1.07E-08	1.47E-02	1.33E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	3.59E-02
169	CARTGRID	1	373900	3761800	NonCancerAcute	5.82E-03	6.07E-03	3.47E-02	0.00E+00	1.04E-08	1.47E-02	1.30E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	8.69E-03	0.00E+00	0.00E+00	3.47E-02
170	CARTGRID	1	374000	3761800	NonCancerAcute	5.39E-03	5.64E-03	3.27E-02	0.00E+00	1.00E-08	1.43E-02	1.26E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	3.27E-02
171	CARTGRID	1	374100	3761800	NonCancerAcute	5.40E-03	5.66E-03	3.30E-02	0.00E+00	1.01E-08	1.45E-02	1.27E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	8.92E-03	0.00E+00	0.00E+00	3.30E-02
172	CARTGRID	1	374200	3761800	NonCancerAcute	5.11E-03	5.37E-03	3.15E-02	0.00E+00	9.17E-09	1.41E-02	1.16E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	8.80E-03	0.00E+00	0.00E+00	3.15E-02
173	CARTGRID	1	374300	3761800	NonCancerAcute	4.98E-03	5.24E-03	3.15E-02	0.00E+00	9.00E-09	1.46E-02	1.15E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	3.15E-02
174	CARTGRID	1	374400	3761800	NonCancerAcute	4.88E-03	5.14E-03	3.11E-02	0.00E+00	8.81E-09	1.45E-02	1.13E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	3.11E-02
175	CARTGRID	1	374500	3761800	NonCancerAcute	4.70E-03	4.93E-03	2.91E-02	0.00E+00	8.86E-09	1.31E-02	1.12E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	2.91E-02
176	CARTGRID	1	374600	3761800	NonCancerAcute	4.41E-03	4.63E-03	2.73E-02	0.00E+00	8.63E-09	1.23E-02	1.09E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	2.73E-02
177	CARTGRID	1	374700	3761800	NonCancerAcute	4.55E-03	4.79E-03	2.84E-02	0.00E+00	1.15E-08	1.29E-02	1.41E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	8.15E-03	0.00E+00	0.00E+00	2.84E-02
178	CARTGRID	1	374800	3761800	NonCancerAcute	4.09E-03	4.29E-03	2.50E-02	0.00E+00	9.57E-09	1.11E-02	1.18E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	6.81E-03	0.00E+00	0.00E+00	2.50E-02
179	CARTGRID	1	374900	3761800	NonCancerAcute	4.10E-03	4.29E-03	2.48E-02	0.00E+00	1.03E-08	1.08E-02	1.26E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	2.48E-02
180	CARTGRID	1	375000	3761800	NonCancerAcute	4.02E-03	4.20E-03	2.40E-02	0.00E+00	9.48E-09	1.02E-02	1.16E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	2.40E-02
181	CARTGRID	1	371500	3761900	NonCancerAcute	2.80E-03	2.89E-03	1.56E-02	0.00E+00	4.27E-09	5.81E-03	5.31E-03	0.00E+00	6.12E-03	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	1.56E-02
182	CARTGRID	1	371600	3761900	NonCancerAcute	2.86E-03	2.96E-03	1.60E-02	0.00E+00	4.41E-09	6.00E-03	5.48E-03	0.00E+00	6.32E-03	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	1.60E-02
183	CARTGRID	1	371700	3761900	NonCancerAcute	3.12E-03	3.22E-03	1.73E-02	0.00E+00	4.71E-09	6.47E-03	5.85E-03	0.00E+00	6.73E-03	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	1.73E-02
184	CARTGRID	1	371800	3761900	NonCancerAcute	3.24E-03	3.34E-03	1.80E-02	0.00E+00	4.87E-09	6.77E-03	6.04E-03	0.00E+00	6.96E-03	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	1.80E-02
185	CARTGRID	1	371900	3761900	NonCancerAcute	3.34E-03	3.45E-03	1.87E-02	0.00E+00	5.11E-09	7.05E-03	6.34E-03	0.00E+00	7.30E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	1.87E-02
186	CARTGRID	1	372000	3761900	NonCancerAcute	3.42E-03	3.53E-03	1.92E-02	0.00E+00	5.57E-09	7.31E-03	6.88E-03	0.00E+00	7.90E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	1.92E-02
187	CARTGRID	1	372100	3761900	NonCancerAcute	3.71E-03	3.83E-03	2.07E-02	0.00E+00	5.78E-09	7.80E-03	7.15E-03	0.00E+00	8.21E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	2.07E-02
188	CARTGRID	1	372200	3761900	NonCancerAcute	3.87E-03	4.00E-03	2.16E-02	0.00E+00	6.10E-09	8.14E-03	7.55E-03	0.00E+00	8.67E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	2.16E-02
189	CARTGRID	1	372300	3761900	NonCancerAcute	4.12E-03	4.25E-03	2.30E-02	0.00E+00	6.33E-09	8.62E-03	7.84E-03	0.00E+00	9.00E-03	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	2.30E-02
190	CARTGRID	1	372400	3761900	NonCancerAcute	4.41E-03	4.55E-03	2.45E-02	0.00E+00	6.94E-09	9.10E-03	8.57E-03	0.00E+00	9.80E-03	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	2.45E-02
191	CARTGRID	1	372500	3761900	NonCancerAcute	4.61E-03	4.75E-03	2.55E-02	0.00E+00	6.96E-09	9.46E-03	8.61E-03	0.00E+00	9.89E-03	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	2.55E-02
192	CARTGRID	1	372600	3761900	NonCancerAcute	4.98E-03	5.13E-03	2.75E-02	0.00E+00	7.51E-09	1.01E-02	9.28E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	2.75E-02
193	CARTGRID	1	372700	3761900	NonCancerAcute	5.17E-03	5.33E-03	2.87E-02	0.00E+00	7.79E-09	1.07E-02	9.64E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	2.87E-02
194	CARTGRID	1	372800	3761900	NonCancerAcute	5.25E-03	5.41E-03	2.93E-02	0.00E+00	7.68E-09	1.10E-02	9.54E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	2.93E-02
195	CARTGRID	1	372900	3761900	NonCancerAcute	5.34E-03	5.51E-03	2.99E-02	0.00E+00	8.02E-09	1.13E-02	9.95E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	2.99E-02
196	CARTGRID	1	373000	3761900	NonCancerAcute	5.55E-03	5.73E-03	3.12E-02	0.00E+00	8.43E-09	1.19E-02	1.05E-02	0.00E+00	1.20E-02	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	3.12E-02
197	CARTGRID	1	373100	3761900	NonCancerAcute	5.67E-03	5.86E-03	3.20E-02	0.00E+00	8.87E-09	1.23E-02	1.10E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	3.20E-02
198	CARTGRID	1	373200	3761900	NonCancerAcute	5.62E-03	5.81E-03	3.21E-02	0.00E+00	9.30E-09	1.26E-02	1.15E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	3.21E-02
199	CARTGRID	1	373300	3761900	NonCancerAcute	5.84E-03	6.05E-03	3.35E-02	0.00E+00	9.36E-09	1.32E-02	1.16E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	3.35E-02
200	CARTGRID	1	373400	3761900	NonCancerAcute	6.02E-03	6.24E-03	3.48E-02	0.00E+00	9.86E-09	1.39E-02	1.23E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	3.48E-02
201	CARTGRID	1	373500	3761900	NonCancerAcute	6.04E-03	6.26E-03	3.52E-02	0.00E+00	9.44E-09	1.42E-02	1.18E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	3.52E-02
202	CARTGRID	1	373600	3761900	NonCancerAcute	5.77E-03	6.00E-03	3.41E-02	0.00E+00	9.47E-09	1.41E-02	1.18E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	8.15E-03	0.00E+00	0.00E+00	3.41E-02
203	CARTGRID	1	373700	3761900	NonCancerAcute	6.37E-03	6.62E-03	3.75E-02	0.00E+00	1.06E-08	1.55E-02	1.33E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	8.98E-03	0.00E+00	0.00E+00	3.75E-02
204	CARTGRID	1	373800	3761900	NonCancerAcute	6.65E-03	6.92E-03	3.95E-02	0.00E+00	1.17E-08	1.66E-02	1.46E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	3.95E-02
205	CARTGRID	1	373900	3761900	NonCancerAcute	6.34E-03	6.63E-03	3.83E-02	0.00E+00	1.15E-08	1.66E-02	1.45E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	3.83E-02
206	CARTGRID	1	374000	3761900	NonCancerAcute	5.92E-03	6.21E-03	3.66E-02	0.00E+00	1.12E-08	1.64E-02	1.42E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	3.66E-02
207	CARTGRID	1	374100	3761900	NonCancerAcute	5.84E-03	6.14E-03	3.65E-02	0.00E+00	1.08E-08	1.67E-02	1.37E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	3.65E-02
208	CARTGRID	1	374200	3761900	NonCancerAcute	5.59E-03	5.89E-03	3.53E-02	0.00E+00	1.01E-08	1.64E-02	1.29E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.53E-02
209	CARTGRID	1	374300	3761900	NonCancerAcute	5.42E-03	5.72E-03	3.53E-02	0.00E+00	9.59E-09	1.70E-02	1.23E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	3.53E-02
210	CARTGRID	1	374400	3761900	NonCancerAcute	5.29E-03	5.61E-03	3.50E-02	0.00E+00	9.56E-09	1.72E-02	1.24E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	3.50E-02
211	CARTGRID	1	374500	3761900	NonCancerAcute	4.99E-03	5.27E-03	3.19E-02	0.00E+00	9.65E-09	1.50E-02	1.23E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	3.19E-02
212	CARTGRID	1	374600	3761900	NonCancerAcute	5.42E-03	5.71E-03	3.45E-02	0.00E+00	1.29E-08	1.61E-02	1.60E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.45E-02
213	CARTGRID	1	374700	3761900	NonCancerAcute	5.40E-03	5.67E-03	3.37E-02	0.00E+00	1.27E-08	1.54E-02	1.57E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	9.75E-03	0.00E+00	0.00E+00	3.37E-02
214	CARTGRID	1	374800	3761900	NonCancerAcute	4.63E-03	4.87E-03	2.88E-02	0.00E+00	1.21E-08	1.30E-02	1.49E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	2.88E-02
215	CARTGRID	1	374900	3761900	NonCancerAcute	5.12E-03	5.35E-03	3.08E-02	0.00E+00	1.16E-08	1.32E-02	1.43E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	3.08E-02
216	CARTGRID	1	375000	3761900	NonCancerAcute	4.15E-03	4.35E-03	2.53E-02	0.00E+00	1.09E-08	1.12E-02	1.33E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	2.53E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
217	CARTGRID	1	371500	3762000	NonCancerAcute	2.93E-03	3.03E-03	1.63E-02	0.00E+00	4.32E-09	6.10E-03	5.38E-03	0.00E+00	6.20E-03	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	1.63E-02
218	CARTGRID	1	371600	3762000	NonCancerAcute	3.04E-03	3.14E-03	1.69E-02	0.00E+00	4.61E-09	6.31E-03	5.72E-03	0.00E+00	6.59E-03	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	1.69E-02
219	CARTGRID	1	371700	3762000	NonCancerAcute	3.18E-03	3.28E-03	1.77E-02	0.00E+00	4.77E-09	6.63E-03	5.93E-03	0.00E+00	6.84E-03	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	1.77E-02
220	CARTGRID	1	371800	3762000	NonCancerAcute	3.49E-03	3.60E-03	1.94E-02	0.00E+00	5.30E-09	7.22E-03	6.56E-03	0.00E+00	7.53E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.94E-02
221	CARTGRID	1	371900	3762000	NonCancerAcute	3.56E-03	3.68E-03	1.99E-02	0.00E+00	5.41E-09	7.45E-03	6.71E-03	0.00E+00	7.71E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.99E-02
222	CARTGRID	1	372000	3762000	NonCancerAcute	3.61E-03	3.72E-03	2.02E-02	0.00E+00	5.50E-09	7.64E-03	6.83E-03	0.00E+00	7.87E-03	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	2.02E-02
223	CARTGRID	1	372100	3762000	NonCancerAcute	3.79E-03	3.91E-03	2.12E-02	0.00E+00	6.03E-09	8.02E-03	7.46E-03	0.00E+00	8.56E-03	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	2.12E-02
224	CARTGRID	1	372200	3762000	NonCancerAcute	4.07E-03	4.20E-03	2.27E-02	0.00E+00	6.27E-09	8.53E-03	7.76E-03	0.00E+00	8.91E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.27E-02
225	CARTGRID	1	372300	3762000	NonCancerAcute	4.33E-03	4.47E-03	2.42E-02	0.00E+00	6.83E-09	9.07E-03	8.44E-03	0.00E+00	9.67E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	2.42E-02
226	CARTGRID	1	372400	3762000	NonCancerAcute	4.66E-03	4.81E-03	2.60E-02	0.00E+00	7.22E-09	9.69E-03	8.92E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	2.60E-02
227	CARTGRID	1	372500	3762000	NonCancerAcute	5.07E-03	5.22E-03	2.80E-02	0.00E+00	7.85E-09	1.03E-02	9.68E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	2.80E-02
228	CARTGRID	1	372600	3762000	NonCancerAcute	5.11E-03	5.27E-03	2.83E-02	0.00E+00	7.68E-09	1.05E-02	9.51E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.83E-02
229	CARTGRID	1	372700	3762000	NonCancerAcute	5.56E-03	5.73E-03	3.08E-02	0.00E+00	8.42E-09	1.14E-02	1.04E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	3.08E-02
230	CARTGRID	1	372800	3762000	NonCancerAcute	5.81E-03	5.99E-03	3.23E-02	0.00E+00	8.83E-09	1.20E-02	1.09E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	3.23E-02
231	CARTGRID	1	372900	3762000	NonCancerAcute	5.86E-03	6.05E-03	3.28E-02	0.00E+00	8.96E-09	1.24E-02	1.11E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	3.28E-02
232	CARTGRID	1	373000	3762000	NonCancerAcute	6.10E-03	6.30E-03	3.43E-02	0.00E+00	9.61E-09	1.30E-02	1.19E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	3.43E-02
233	CARTGRID	1	373100	3762000	NonCancerAcute	6.29E-03	6.50E-03	3.55E-02	0.00E+00	9.94E-09	1.36E-02	1.23E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	7.11E-03	0.00E+00	0.00E+00	3.55E-02
234	CARTGRID	1	373200	3762000	NonCancerAcute	6.24E-03	6.46E-03	3.56E-02	0.00E+00	1.05E-08	1.39E-02	1.30E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	7.50E-03	0.00E+00	0.00E+00	3.56E-02
235	CARTGRID	1	373300	3762000	NonCancerAcute	6.40E-03	6.64E-03	3.68E-02	0.00E+00	1.07E-08	1.46E-02	1.32E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	3.68E-02
236	CARTGRID	1	373400	3762000	NonCancerAcute	6.73E-03	6.98E-03	3.90E-02	0.00E+00	1.12E-08	1.57E-02	1.39E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	8.80E-03	0.00E+00	0.00E+00	3.90E-02
237	CARTGRID	1	373500	3762000	NonCancerAcute	6.70E-03	6.96E-03	3.94E-02	0.00E+00	1.12E-08	1.62E-02	1.40E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	3.94E-02
238	CARTGRID	1	373600	3762000	NonCancerAcute	6.46E-03	6.73E-03	3.91E-02	0.00E+00	1.07E-08	1.68E-02	1.34E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.91E-02
239	CARTGRID	1	373700	3762000	NonCancerAcute	6.83E-03	7.10E-03	4.10E-02	0.00E+00	1.13E-08	1.74E-02	1.41E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.10E-02
240	CARTGRID	1	373800	3762000	NonCancerAcute	7.17E-03	7.49E-03	4.34E-02	0.00E+00	1.28E-08	1.88E-02	1.61E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.34E-02
241	CARTGRID	1	373900	3762000	NonCancerAcute	7.05E-03	7.38E-03	4.33E-02	0.00E+00	1.48E-08	1.92E-02	1.83E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.33E-02
242	CARTGRID	1	374000	3762000	NonCancerAcute	6.64E-03	6.98E-03	4.18E-02	0.00E+00	1.42E-08	1.92E-02	1.78E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.18E-02
243	CARTGRID	1	374100	3762000	NonCancerAcute	6.58E-03	6.94E-03	4.19E-02	0.00E+00	1.35E-08	1.96E-02	1.70E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	4.19E-02
244	CARTGRID	1	374200	3762000	NonCancerAcute	6.32E-03	6.70E-03	4.12E-02	0.00E+00	1.16E-08	2.00E-02	1.50E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	4.12E-02
245	CARTGRID	1	374300	3762000	NonCancerAcute	5.98E-03	6.38E-03	4.07E-02	0.00E+00	1.06E-08	2.08E-02	1.40E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	4.07E-02
246	CARTGRID	1	374400	3762000	NonCancerAcute	5.81E-03	6.25E-03	4.09E-02	0.00E+00	1.08E-08	2.18E-02	1.44E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	4.09E-02
247	CARTGRID	1	374500	3762000	NonCancerAcute	5.35E-03	5.69E-03	3.54E-02	0.00E+00	1.00E-08	1.75E-02	1.30E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	3.54E-02
248	CARTGRID	1	374600	3762000	NonCancerAcute	6.32E-03	6.65E-03	4.02E-02	0.00E+00	1.33E-08	1.87E-02	1.67E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.02E-02
249	CARTGRID	1	374700	3762000	NonCancerAcute	6.08E-03	6.37E-03	3.76E-02	0.00E+00	1.33E-08	1.68E-02	1.65E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.76E-02
250	CARTGRID	1	374800	3762000	NonCancerAcute	5.31E-03	5.56E-03	3.26E-02	0.00E+00	1.27E-08	1.45E-02	1.56E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	8.97E-03	0.00E+00	0.00E+00	3.26E-02
251	CARTGRID	1	374900	3762000	NonCancerAcute	5.36E-03	5.60E-03	3.27E-02	0.00E+00	1.19E-08	1.43E-02	1.46E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	8.75E-03	0.00E+00	0.00E+00	3.27E-02
252	CARTGRID	1	375000	3762000	NonCancerAcute	4.42E-03	4.64E-03	2.74E-02	0.00E+00	1.19E-08	1.23E-02	1.45E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	2.74E-02
253	CARTGRID	1	371500	3762100	NonCancerAcute	3.13E-03	3.23E-03	1.74E-02	0.00E+00	4.54E-09	6.43E-03	5.64E-03	0.00E+00	6.49E-03	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	1.74E-02
254	CARTGRID	1	371600	3762100	NonCancerAcute	3.13E-03	3.23E-03	1.75E-02	0.00E+00	4.67E-09	6.57E-03	5.81E-03	0.00E+00	6.69E-03	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	1.75E-02
255	CARTGRID	1	371700	3762100	NonCancerAcute	3.35E-03	3.46E-03	1.87E-02	0.00E+00	4.98E-09	6.98E-03	6.19E-03	0.00E+00	7.13E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	1.87E-02
256	CARTGRID	1	371800	3762100	NonCancerAcute	3.64E-03	3.76E-03	2.02E-02	0.00E+00	5.41E-09	7.55E-03	6.72E-03	0.00E+00	7.74E-03	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	2.02E-02
257	CARTGRID	1	371900	3762100	NonCancerAcute	3.75E-03	3.87E-03	2.09E-02	0.00E+00	5.68E-09	7.79E-03	7.04E-03	0.00E+00	8.09E-03	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	2.09E-02
258	CARTGRID	1	372000	3762100	NonCancerAcute	3.81E-03	3.93E-03	2.13E-02	0.00E+00	5.81E-09	8.01E-03	7.21E-03	0.00E+00	8.30E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	2.13E-02
259	CARTGRID	1	372100	3762100	NonCancerAcute	3.98E-03	4.11E-03	2.23E-02	0.00E+00	6.04E-09	8.44E-03	7.50E-03	0.00E+00	8.64E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.23E-02
260	CARTGRID	1	372200	3762100	NonCancerAcute	4.17E-03	4.30E-03	2.33E-02	0.00E+00	6.58E-09	8.81E-03	8.13E-03	0.00E+00	9.34E-03	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	2.33E-02
261	CARTGRID	1	372300	3762100	NonCancerAcute	4.48E-03	4.62E-03	2.50E-02	0.00E+00	6.82E-09	9.36E-03	8.45E-03	0.00E+00	9.71E-03	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	2.50E-02
262	CARTGRID	1	372400	3762100	NonCancerAcute	4.97E-03	5.12E-03	2.76E-02	0.00E+00	7.70E-09	1.03E-02	9.51E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	2.76E-02
263	CARTGRID	1	372500	3762100	NonCancerAcute	5.37E-03	5.54E-03	2.98E-02	0.00E+00	8.38E-09	1.10E-02	1.03E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	2.98E-02
264	CARTGRID	1	372600	3762100	NonCancerAcute	5.75E-03	5.92E-03	3.17E-02	0.00E+00	8.87E-09	1.16E-02	1.09E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	3.17E-02
265	CARTGRID	1	372700	3762100	NonCancerAcute	5.80E-03	5.98E-03	3.22E-02	0.00E+00	8.91E-09	1.19E-02	1.10E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	3.22E-02
266	CARTGRID	1	372800	3762100	NonCancerAcute	6.24E-03	6.43E-03	3.46E-02	0.00E+00	9.58E-09	1.28E-02	1.18E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	3.46E-02
267	CARTGRID	1	372900	3762100	NonCancerAcute	6.53E-03	6.73E-03	3.64E-02	0.00E+00	1.01E-08	1.37E-02	1.25E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.96E-03	0.00E+00	0.00E+00	3.64E-02
268	CARTGRID	1	373000	3762100	NonCancerAcute	6.80E-03	7.02E-03	3.81E-02	0.00E+00	1.09E-08	1.44E-02	1.34E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	3.81E-02
269	CARTGRID	1	373100	3762100	NonCancerAcute	6.99E-03	7.23E-03	3.94E-02	0.00E+00	1.13E-08	1.51E-02	1.40E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	3.94E-02
270	CARTGRID	1	373200	3762100	NonCancerAcute	6.90E-03	7.15E-03	3.94E-02	0.00E+00	1.19E-08	1.55E-02	1.48E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	8.39E-03	0.00E+00	0.00E+00	3.94E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
271	CARTGRID	1	373300	3762100	NonCancerAcute	7.06E-03	7.33E-03	4.09E-02	0.00E+00	1.23E-08	1.64E-02	1.53E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	4.09E-02
272	CARTGRID	1	373400	3762100	NonCancerAcute	7.58E-03	7.86E-03	4.40E-02	0.00E+00	1.27E-08	1.78E-02	1.58E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	9.99E-03	0.00E+00	0.00E+00	4.40E-02
273	CARTGRID	1	373500	3762100	NonCancerAcute	7.56E-03	7.85E-03	4.50E-02	0.00E+00	1.28E-08	1.89E-02	1.59E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.50E-02
274	CARTGRID	1	373600	3762100	NonCancerAcute	7.37E-03	7.66E-03	4.45E-02	0.00E+00	1.28E-08	1.90E-02	1.59E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.45E-02
275	CARTGRID	1	373700	3762100	NonCancerAcute	7.04E-03	7.34E-03	4.32E-02	0.00E+00	1.13E-08	1.90E-02	1.43E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.32E-02
276	CARTGRID	1	373800	3762100	NonCancerAcute	7.30E-03	7.63E-03	4.50E-02	0.00E+00	1.23E-08	1.99E-02	1.55E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.50E-02
277	CARTGRID	1	373900	3762100	NonCancerAcute	7.82E-03	8.19E-03	4.83E-02	0.00E+00	1.63E-08	2.16E-02	2.03E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	4.83E-02
278	CARTGRID	1	374000	3762100	NonCancerAcute	7.60E-03	8.01E-03	4.86E-02	0.00E+00	1.73E-08	2.29E-02	2.16E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	4.86E-02
279	CARTGRID	1	374100	3762100	NonCancerAcute	7.48E-03	7.91E-03	4.86E-02	0.00E+00	1.62E-08	2.34E-02	2.05E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	4.86E-02
280	CARTGRID	1	374200	3762100	NonCancerAcute	7.01E-03	7.46E-03	4.71E-02	0.00E+00	1.29E-08	2.37E-02	1.68E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	4.71E-02
281	CARTGRID	1	374300	3762100	NonCancerAcute	6.50E-03	7.02E-03	4.67E-02	0.00E+00	1.14E-08	2.54E-02	1.54E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	4.67E-02
282	CARTGRID	1	374400	3762100	NonCancerAcute	6.41E-03	6.97E-03	4.77E-02	0.00E+00	1.17E-08	2.69E-02	1.59E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	4.77E-02
283	CARTGRID	1	374500	3762100	NonCancerAcute	5.89E-03	6.30E-03	4.04E-02	0.00E+00	1.29E-08	2.09E-02	1.66E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	4.04E-02
284	CARTGRID	1	374600	3762100	NonCancerAcute	6.65E-03	7.01E-03	4.23E-02	0.00E+00	1.46E-08	1.98E-02	1.82E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	4.23E-02
285	CARTGRID	1	374700	3762100	NonCancerAcute	6.77E-03	7.09E-03	4.15E-02	0.00E+00	1.39E-08	1.83E-02	1.72E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.15E-02
286	CARTGRID	1	374800	3762100	NonCancerAcute	5.81E-03	6.09E-03	3.59E-02	0.00E+00	1.30E-08	1.61E-02	1.61E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	3.59E-02
287	CARTGRID	1	374900	3762100	NonCancerAcute	4.96E-03	5.22E-03	3.12E-02	0.00E+00	1.21E-08	1.44E-02	1.49E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	9.19E-03	0.00E+00	0.00E+00	3.12E-02
288	CARTGRID	1	375000	3762100	NonCancerAcute	4.68E-03	4.92E-03	2.92E-02	0.00E+00	1.20E-08	1.32E-02	1.48E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	2.92E-02
289	CARTGRID	1	371500	3762200	NonCancerAcute	3.25E-03	3.34E-03	1.80E-02	0.00E+00	4.65E-09	6.64E-03	5.77E-03	0.00E+00	6.64E-03	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	1.80E-02
290	CARTGRID	1	371600	3762200	NonCancerAcute	3.41E-03	3.51E-03	1.89E-02	0.00E+00	4.93E-09	6.98E-03	6.12E-03	0.00E+00	7.04E-03	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	1.89E-02
291	CARTGRID	1	371700	3762200	NonCancerAcute	3.46E-03	3.57E-03	1.93E-02	0.00E+00	5.09E-09	7.23E-03	6.33E-03	0.00E+00	7.29E-03	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	1.93E-02
292	CARTGRID	1	371800	3762200	NonCancerAcute	3.88E-03	4.00E-03	2.15E-02	0.00E+00	5.61E-09	8.00E-03	6.96E-03	0.00E+00	8.01E-03	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	2.15E-02
293	CARTGRID	1	371900	3762200	NonCancerAcute	3.96E-03	4.09E-03	2.20E-02	0.00E+00	5.87E-09	8.22E-03	7.28E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	2.20E-02
294	CARTGRID	1	372000	3762200	NonCancerAcute	3.99E-03	4.12E-03	2.22E-02	0.00E+00	6.06E-09	8.36E-03	7.52E-03	0.00E+00	8.66E-03	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.22E-02
295	CARTGRID	1	372100	3762200	NonCancerAcute	4.33E-03	4.47E-03	2.42E-02	0.00E+00	6.61E-09	9.06E-03	8.19E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	2.42E-02
296	CARTGRID	1	372200	3762200	NonCancerAcute	4.52E-03	4.67E-03	2.53E-02	0.00E+00	6.77E-09	9.51E-03	8.40E-03	0.00E+00	9.66E-03	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	2.53E-02
297	CARTGRID	1	372300	3762200	NonCancerAcute	4.76E-03	4.92E-03	2.66E-02	0.00E+00	7.39E-09	1.00E-02	9.14E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	2.66E-02
298	CARTGRID	1	372400	3762200	NonCancerAcute	5.12E-03	5.28E-03	2.85E-02	0.00E+00	7.62E-09	1.06E-02	9.45E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	2.85E-02
299	CARTGRID	1	372500	3762200	NonCancerAcute	5.72E-03	5.89E-03	3.17E-02	0.00E+00	8.55E-09	1.17E-02	1.06E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	3.17E-02
300	CARTGRID	1	372600	3762200	NonCancerAcute	6.14E-03	6.33E-03	3.40E-02	0.00E+00	9.78E-09	1.25E-02	1.20E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	3.40E-02
301	CARTGRID	1	372700	3762200	NonCancerAcute	6.59E-03	6.79E-03	3.64E-02	0.00E+00	1.02E-08	1.34E-02	1.26E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	3.64E-02
302	CARTGRID	1	372800	3762200	NonCancerAcute	6.89E-03	7.10E-03	3.81E-02	0.00E+00	1.11E-08	1.41E-02	1.36E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	3.81E-02
303	CARTGRID	1	372900	3762200	NonCancerAcute	7.14E-03	7.37E-03	3.97E-02	0.00E+00	1.19E-08	1.48E-02	1.46E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	3.97E-02
304	CARTGRID	1	373000	3762200	NonCancerAcute	7.60E-03	7.86E-03	4.26E-02	0.00E+00	1.22E-08	1.61E-02	1.50E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	8.33E-03	0.00E+00	0.00E+00	4.26E-02
305	CARTGRID	1	373100	3762200	NonCancerAcute	7.76E-03	8.03E-03	4.40E-02	0.00E+00	1.36E-08	1.71E-02	1.68E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	9.10E-03	0.00E+00	0.00E+00	4.40E-02
306	CARTGRID	1	373200	3762200	NonCancerAcute	7.61E-03	7.89E-03	4.38E-02	0.00E+00	1.44E-08	1.75E-02	1.77E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	9.64E-03	0.00E+00	0.00E+00	4.38E-02
307	CARTGRID	1	373300	3762200	NonCancerAcute	8.01E-03	8.31E-03	4.66E-02	0.00E+00	1.60E-08	1.89E-02	1.97E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.66E-02
308	CARTGRID	1	373400	3762200	NonCancerAcute	8.40E-03	8.72E-03	4.95E-02	0.00E+00	1.68E-08	2.04E-02	2.06E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.95E-02
309	CARTGRID	1	373500	3762200	NonCancerAcute	8.53E-03	8.87E-03	5.15E-02	0.00E+00	1.63E-08	2.21E-02	2.01E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.15E-02
310	CARTGRID	1	373600	3762200	NonCancerAcute	8.32E-03	8.68E-03	5.37E-02	0.00E+00	1.50E-08	2.51E-02	1.86E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	5.37E-02
311	CARTGRID	1	373700	3762200	NonCancerAcute	7.68E-03	8.02E-03	4.88E-02	0.00E+00	1.27E-08	2.23E-02	1.60E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	4.88E-02
312	CARTGRID	1	373800	3762200	NonCancerAcute	8.64E-03	9.05E-03	5.40E-02	0.00E+00	1.71E-08	2.45E-02	2.13E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	5.40E-02
313	CARTGRID	1	373900	3762200	NonCancerAcute	8.56E-03	8.96E-03	5.30E-02	0.00E+00	1.46E-08	2.38E-02	1.85E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	5.30E-02
314	CARTGRID	1	374000	3762200	NonCancerAcute	8.82E-03	9.31E-03	5.72E-02	0.00E+00	1.94E-08	2.74E-02	2.43E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	5.72E-02
315	CARTGRID	1	374100	3762200	NonCancerAcute	8.42E-03	8.94E-03	5.61E-02	0.00E+00	1.87E-08	2.79E-02	2.37E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	5.61E-02
316	CARTGRID	1	374200	3762200	NonCancerAcute	7.64E-03	8.18E-03	5.26E-02	0.00E+00	1.38E-08	2.73E-02	1.82E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	5.26E-02
317	CARTGRID	1	374300	3762200	NonCancerAcute	7.33E-03	7.98E-03	5.49E-02	0.00E+00	1.30E-08	3.13E-02	1.79E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	2.34E-02	0.00E+00	0.00E+00	5.49E-02
318	CARTGRID	1	374400	3762200	NonCancerAcute	6.99E-03	7.66E-03	5.41E-02	0.00E+00	1.38E-08	3.18E-02	1.89E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.43E-02	0.00E+00	0.00E+00	5.41E-02
319	CARTGRID	1	374500	3762200	NonCancerAcute	6.63E-03	7.11E-03	4.61E-02	0.00E+00	1.63E-08	2.41E-02	2.07E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	4.61E-02
320	CARTGRID	1	374600	3762200	NonCancerAcute	7.40E-03	7.79E-03	4.69E-02	0.00E+00	1.57E-08	2.17E-02	1.96E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	4.69E-02
321	CARTGRID	1	374700	3762200	NonCancerAcute	6.77E-03	7.10E-03	4.21E-02	0.00E+00	1.37E-08	1.90E-02	1.71E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	4.21E-02
322	CARTGRID	1	374800	3762200	NonCancerAcute	5.47E-03	5.77E-03	3.49E-02	0.00E+00	1.29E-08	1.64E-02	1.60E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.49E-02
323	CARTGRID	1	374900	3762200	NonCancerAcute	4.98E-03	5.25E-03	3.17E-02	0.00E+00	1.28E-08	1.49E-02	1.58E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	9.68E-03	0.00E+00	0.00E+00	3.17E-02
324	CARTGRID	1	375000	3762200	NonCancerAcute	5.18E-03	5.42E-03	3.18E-02	0.00E+00	1.23E-08	1.41E-02	1.51E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	8.75E-03	0.00E+00	0.00E+00	3.18E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
325	CARTGRID	1	371500	3762300	NonCancerAcute	3.30E-03	3.40E-03	1.83E-02	0.00E+00	4.66E-09	6.77E-03	5.80E-03	0.00E+00	6.69E-03	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	1.83E-02
326	CARTGRID	1	371600	3762300	NonCancerAcute	3.52E-03	3.63E-03	1.95E-02	0.00E+00	4.98E-09	7.18E-03	6.19E-03	0.00E+00	7.12E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	1.95E-02
327	CARTGRID	1	371700	3762300	NonCancerAcute	3.71E-03	3.83E-03	2.06E-02	0.00E+00	5.33E-09	7.62E-03	6.62E-03	0.00E+00	7.61E-03	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	2.06E-02
328	CARTGRID	1	371800	3762300	NonCancerAcute	3.83E-03	3.95E-03	2.13E-02	0.00E+00	5.63E-09	7.97E-03	6.99E-03	0.00E+00	8.05E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	2.13E-02
329	CARTGRID	1	371900	3762300	NonCancerAcute	4.20E-03	4.33E-03	2.33E-02	0.00E+00	6.03E-09	8.66E-03	7.48E-03	0.00E+00	8.61E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.33E-02
330	CARTGRID	1	372000	3762300	NonCancerAcute	4.28E-03	4.41E-03	2.38E-02	0.00E+00	6.34E-09	8.89E-03	7.86E-03	0.00E+00	9.04E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.38E-02
331	CARTGRID	1	372100	3762300	NonCancerAcute	4.65E-03	4.80E-03	2.59E-02	0.00E+00	6.96E-09	9.66E-03	8.63E-03	0.00E+00	9.91E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	2.59E-02
332	CARTGRID	1	372200	3762300	NonCancerAcute	4.88E-03	5.03E-03	2.72E-02	0.00E+00	7.55E-09	1.02E-02	9.34E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	2.72E-02
333	CARTGRID	1	372300	3762300	NonCancerAcute	5.22E-03	5.39E-03	2.91E-02	0.00E+00	7.85E-09	1.09E-02	9.72E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	2.91E-02
334	CARTGRID	1	372400	3762300	NonCancerAcute	5.46E-03	5.63E-03	3.04E-02	0.00E+00	8.37E-09	1.14E-02	1.03E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.76E-03	0.00E+00	0.00E+00	3.04E-02
335	CARTGRID	1	372500	3762300	NonCancerAcute	6.10E-03	6.28E-03	3.37E-02	0.00E+00	9.03E-09	1.24E-02	1.12E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	3.37E-02
336	CARTGRID	1	372600	3762300	NonCancerAcute	6.34E-03	6.53E-03	3.51E-02	0.00E+00	9.49E-09	1.30E-02	1.17E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	3.51E-02
337	CARTGRID	1	372700	3762300	NonCancerAcute	7.19E-03	7.41E-03	3.96E-02	0.00E+00	1.18E-08	1.45E-02	1.45E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.12E-03	0.00E+00	0.00E+00	3.96E-02
338	CARTGRID	1	372800	3762300	NonCancerAcute	7.71E-03	7.95E-03	4.26E-02	0.00E+00	1.25E-08	1.57E-02	1.54E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	4.26E-02
339	CARTGRID	1	372900	3762300	NonCancerAcute	8.01E-03	8.27E-03	4.44E-02	0.00E+00	1.35E-08	1.66E-02	1.66E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	4.44E-02
340	CARTGRID	1	373000	3762300	NonCancerAcute	8.38E-03	8.65E-03	4.69E-02	0.00E+00	1.43E-08	1.78E-02	1.76E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	9.19E-03	0.00E+00	0.00E+00	4.69E-02
341	CARTGRID	1	373100	3762300	NonCancerAcute	8.67E-03	8.98E-03	4.94E-02	0.00E+00	1.82E-08	1.93E-02	2.21E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.94E-02
342	CARTGRID	1	373200	3762300	NonCancerAcute	8.53E-03	8.85E-03	4.93E-02	0.00E+00	1.85E-08	1.98E-02	2.26E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.93E-02
343	CARTGRID	1	373300	3762300	NonCancerAcute	9.06E-03	9.41E-03	5.29E-02	0.00E+00	1.99E-08	2.15E-02	2.43E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.29E-02
344	CARTGRID	1	373400	3762300	NonCancerAcute	9.55E-03	9.91E-03	5.63E-02	0.00E+00	2.05E-08	2.32E-02	2.50E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.63E-02
345	CARTGRID	1	373500	3762300	NonCancerAcute	9.25E-03	9.62E-03	5.57E-02	0.00E+00	1.58E-08	2.38E-02	1.97E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	5.57E-02
346	CARTGRID	1	373600	3762300	NonCancerAcute	8.70E-03	9.06E-03	5.56E-02	0.00E+00	1.52E-08	2.55E-02	1.89E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	5.56E-02
347	CARTGRID	1	373700	3762300	NonCancerAcute	8.66E-03	9.03E-03	5.44E-02	0.00E+00	1.44E-08	2.46E-02	1.82E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	5.44E-02
348	CARTGRID	1	373800	3762300	NonCancerAcute	9.91E-03	1.04E-02	6.20E-02	0.00E+00	2.08E-08	2.81E-02	2.58E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	6.20E-02
349	CARTGRID	1	373900	3762300	NonCancerAcute	1.00E-02	1.05E-02	6.32E-02	0.00E+00	1.94E-08	2.91E-02	2.44E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	6.32E-02
350	CARTGRID	1	374000	3762300	NonCancerAcute	1.07E-02	1.13E-02	7.03E-02	0.00E+00	2.15E-08	3.43E-02	2.74E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	7.03E-02
351	CARTGRID	1	374100	3762300	NonCancerAcute	9.19E-03	9.84E-03	6.41E-02	0.00E+00	2.09E-08	3.36E-02	2.68E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	2.39E-02	0.00E+00	0.00E+00	6.41E-02
352	CARTGRID	1	374200	3762300	NonCancerAcute	8.35E-03	9.00E-03	5.96E-02	0.00E+00	1.46E-08	3.22E-02	1.97E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	2.33E-02	0.00E+00	0.00E+00	5.96E-02
353	CARTGRID	1	374300	3762300	NonCancerAcute	8.15E-03	9.01E-03	6.60E-02	0.00E+00	1.53E-08	4.03E-02	2.15E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	3.15E-02	0.00E+00	0.00E+00	6.60E-02
354	CARTGRID	1	374400	3762300	NonCancerAcute	7.67E-03	8.52E-03	6.32E-02	0.00E+00	1.72E-08	3.91E-02	2.35E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	3.08E-02	0.00E+00	0.00E+00	6.32E-02
355	CARTGRID	1	374500	3762300	NonCancerAcute	8.38E-03	8.89E-03	5.55E-02	0.00E+00	1.73E-08	2.73E-02	2.21E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	5.55E-02
356	CARTGRID	1	374600	3762300	NonCancerAcute	7.64E-03	8.03E-03	4.83E-02	0.00E+00	1.45E-08	2.23E-02	1.83E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	4.83E-02
357	CARTGRID	1	374700	3762300	NonCancerAcute	5.98E-03	6.32E-03	3.89E-02	0.00E+00	1.37E-08	1.87E-02	1.72E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	3.89E-02
358	CARTGRID	1	374800	3762300	NonCancerAcute	5.39E-03	5.69E-03	3.48E-02	0.00E+00	1.33E-08	1.66E-02	1.65E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	3.48E-02
359	CARTGRID	1	374900	3762300	NonCancerAcute	5.77E-03	6.05E-03	3.57E-02	0.00E+00	1.29E-08	1.59E-02	1.59E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	9.95E-03	0.00E+00	0.00E+00	3.57E-02
360	CARTGRID	1	375000	3762300	NonCancerAcute	5.19E-03	5.45E-03	3.21E-02	0.00E+00	1.26E-08	1.44E-02	1.55E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	3.21E-02
361	CARTGRID	1	371500	3762400	NonCancerAcute	3.43E-03	3.54E-03	1.89E-02	0.00E+00	4.81E-09	6.96E-03	6.00E-03	0.00E+00	6.92E-03	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	1.89E-02
362	CARTGRID	1	371600	3762400	NonCancerAcute	3.57E-03	3.68E-03	1.98E-02	0.00E+00	5.04E-09	7.31E-03	6.28E-03	0.00E+00	7.26E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.98E-02
363	CARTGRID	1	371700	3762400	NonCancerAcute	3.99E-03	4.11E-03	2.21E-02	0.00E+00	5.35E-09	8.09E-03	6.67E-03	0.00E+00	7.70E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	2.21E-02
364	CARTGRID	1	371800	3762400	NonCancerAcute	4.17E-03	4.29E-03	2.30E-02	0.00E+00	5.79E-09	8.46E-03	7.19E-03	0.00E+00	8.27E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	2.30E-02
365	CARTGRID	1	371900	3762400	NonCancerAcute	4.33E-03	4.46E-03	2.41E-02	0.00E+00	6.28E-09	8.95E-03	7.79E-03	0.00E+00	8.95E-03	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.41E-02
366	CARTGRID	1	372000	3762400	NonCancerAcute	4.60E-03	4.74E-03	2.55E-02	0.00E+00	6.61E-09	9.48E-03	8.20E-03	0.00E+00	9.43E-03	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	2.55E-02
367	CARTGRID	1	372100	3762400	NonCancerAcute	4.83E-03	4.98E-03	2.69E-02	0.00E+00	7.03E-09	9.97E-03	8.73E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	2.69E-02
368	CARTGRID	1	372200	3762400	NonCancerAcute	5.33E-03	5.49E-03	2.96E-02	0.00E+00	7.89E-09	1.09E-02	9.77E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	2.96E-02
369	CARTGRID	1	372300	3762400	NonCancerAcute	5.70E-03	5.88E-03	3.17E-02	0.00E+00	8.90E-09	1.18E-02	1.10E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	3.17E-02
370	CARTGRID	1	372400	3762400	NonCancerAcute	6.21E-03	6.40E-03	3.44E-02	0.00E+00	9.26E-09	1.27E-02	1.14E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	3.44E-02
371	CARTGRID	1	372500	3762400	NonCancerAcute	6.91E-03	7.11E-03	3.80E-02	0.00E+00	1.08E-08	1.38E-02	1.33E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	3.80E-02
372	CARTGRID	1	372600	3762400	NonCancerAcute	6.80E-03	7.00E-03	3.77E-02	0.00E+00	1.01E-08	1.39E-02	1.25E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	3.77E-02
373	CARTGRID	1	372700	3762400	NonCancerAcute	8.02E-03	8.26E-03	4.41E-02	0.00E+00	1.30E-08	1.61E-02	1.59E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	4.41E-02
374	CARTGRID	1	372800	3762400	NonCancerAcute	8.64E-03	8.90E-03	4.77E-02	0.00E+00	1.53E-08	1.75E-02	1.87E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	4.77E-02
375	CARTGRID	1	372900	3762400	NonCancerAcute	8.93E-03	9.22E-03	4.98E-02	0.00E+00	1.71E-08	1.87E-02	2.09E-02	0.00E+00	2.36E-02	0.00E+00	0.00E+00	9.56E-03	0.00E+00	0.00E+00	4.98E-02
376	CARTGRID	1	373000	3762400	NonCancerAcute	9.28E-03	9.59E-03	5.21E-02	0.00E+00	1.90E-08	1.98E-02	2.31E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.21E-02
377	CARTGRID	1	373100	3762400	NonCancerAcute	9.85E-03	1.02E-02	5.60E-02	0.00E+00	2.10E-08	2.17E-02	2.55E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.60E-02
378	CARTGRID	1	373200	3762400	NonCancerAcute	9.71E-03	1.01E-02	5.64E-02	0.00E+00	2.17E-08	2.28E-02	2.64E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.64E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
379	CARTGRID	1	373300	3762400	NonCancerAcute	1.03E-02	1.07E-02	6.02E-02	0.00E+00	2.23E-08	2.43E-02	2.71E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.02E-02
380	CARTGRID	1	373400	3762400	NonCancerAcute	1.08E-02	1.12E-02	6.34E-02	0.00E+00	2.29E-08	2.60E-02	2.80E-02	0.00E+00	3.17E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.34E-02
381	CARTGRID	1	373500	3762400	NonCancerAcute	1.05E-02	1.10E-02	6.29E-02	0.00E+00	2.13E-08	2.65E-02	2.62E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	6.29E-02
382	CARTGRID	1	373600	3762400	NonCancerAcute	9.70E-03	1.01E-02	5.88E-02	0.00E+00	1.67E-08	2.53E-02	2.08E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	5.88E-02
383	CARTGRID	1	373700	3762400	NonCancerAcute	1.00E-02	1.05E-02	6.18E-02	0.00E+00	1.70E-08	2.74E-02	2.14E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.18E-02
384	CARTGRID	1	373800	3762400	NonCancerAcute	1.15E-02	1.20E-02	7.20E-02	0.00E+00	2.43E-08	3.28E-02	3.02E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	7.20E-02
385	CARTGRID	1	373900	3762400	NonCancerAcute	1.17E-02	1.23E-02	7.45E-02	0.00E+00	2.33E-08	3.47E-02	2.93E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	7.45E-02
386	CARTGRID	1	374000	3762400	NonCancerAcute	1.19E-02	1.26E-02	7.86E-02	0.00E+00	2.34E-08	3.86E-02	2.99E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	7.86E-02
387	CARTGRID	1	374100	3762400	NonCancerAcute	1.01E-02	1.08E-02	6.96E-02	0.00E+00	1.73E-08	3.60E-02	2.30E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	6.96E-02
388	CARTGRID	1	374200	3762400	NonCancerAcute	9.23E-03	1.00E-02	6.83E-02	0.00E+00	1.66E-08	3.83E-02	2.26E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	2.84E-02	0.00E+00	0.00E+00	6.83E-02
389	CARTGRID	1	374300	3762400	NonCancerAcute	8.62E-03	9.47E-03	6.78E-02	0.00E+00	1.63E-08	4.04E-02	2.25E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	6.78E-02
390	CARTGRID	1	374400	3762400	NonCancerAcute	8.67E-03	9.42E-03	6.49E-02	0.00E+00	1.94E-08	3.68E-02	2.55E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	2.75E-02	0.00E+00	0.00E+00	6.49E-02
391	CARTGRID	1	374500	3762400	NonCancerAcute	8.87E-03	9.40E-03	5.87E-02	0.00E+00	1.67E-08	2.88E-02	2.15E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	5.87E-02
392	CARTGRID	1	374600	3762400	NonCancerAcute	6.12E-03	6.51E-03	4.10E-02	0.00E+00	1.35E-08	2.05E-02	1.71E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	4.10E-02
393	CARTGRID	1	374700	3762400	NonCancerAcute	6.08E-03	6.42E-03	3.93E-02	0.00E+00	1.40E-08	1.87E-02	1.75E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	3.93E-02
394	CARTGRID	1	374800	3762400	NonCancerAcute	6.27E-03	6.57E-03	3.91E-02	0.00E+00	1.34E-08	1.77E-02	1.67E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	3.91E-02
395	CARTGRID	1	374900	3762400	NonCancerAcute	5.39E-03	5.67E-03	3.40E-02	0.00E+00	1.34E-08	1.57E-02	1.65E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	3.40E-02
396	CARTGRID	1	375000	3762400	NonCancerAcute	5.08E-03	5.34E-03	3.17E-02	0.00E+00	1.36E-08	1.44E-02	1.66E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	3.17E-02
397	CARTGRID	1	371500	3762500	NonCancerAcute	3.54E-03	3.65E-03	1.96E-02	0.00E+00	4.87E-09	7.22E-03	6.07E-03	0.00E+00	7.02E-03	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	1.96E-02
398	CARTGRID	1	371600	3762500	NonCancerAcute	3.72E-03	3.83E-03	2.06E-02	0.00E+00	5.22E-09	7.57E-03	6.50E-03	0.00E+00	7.49E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	2.06E-02
399	CARTGRID	1	371700	3762500	NonCancerAcute	3.97E-03	4.09E-03	2.19E-02	0.00E+00	5.51E-09	8.05E-03	6.86E-03	0.00E+00	7.91E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	2.19E-02
400	CARTGRID	1	371800	3762500	NonCancerAcute	4.51E-03	4.64E-03	2.49E-02	0.00E+00	6.03E-09	9.11E-03	7.51E-03	0.00E+00	8.66E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.49E-02
401	CARTGRID	1	371900	3762500	NonCancerAcute	4.79E-03	4.93E-03	2.65E-02	0.00E+00	6.48E-09	9.69E-03	8.06E-03	0.00E+00	9.27E-03	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	2.65E-02
402	CARTGRID	1	372000	3762500	NonCancerAcute	5.01E-03	5.16E-03	2.78E-02	0.00E+00	7.20E-09	1.02E-02	8.91E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	2.78E-02
403	CARTGRID	1	372100	3762500	NonCancerAcute	5.13E-03	5.29E-03	2.85E-02	0.00E+00	7.35E-09	1.06E-02	9.12E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	2.85E-02
404	CARTGRID	1	372200	3762500	NonCancerAcute	5.56E-03	5.73E-03	3.08E-02	0.00E+00	8.07E-09	1.14E-02	1.00E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	3.08E-02
405	CARTGRID	1	372300	3762500	NonCancerAcute	6.28E-03	6.47E-03	3.47E-02	0.00E+00	9.53E-09	1.27E-02	1.17E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	3.47E-02
406	CARTGRID	1	372400	3762500	NonCancerAcute	6.76E-03	6.96E-03	3.74E-02	0.00E+00	1.06E-08	1.38E-02	1.31E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	3.74E-02
407	CARTGRID	1	372500	3762500	NonCancerAcute	7.35E-03	7.56E-03	4.05E-02	0.00E+00	1.09E-08	1.48E-02	1.34E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	7.26E-03	0.00E+00	0.00E+00	4.05E-02
408	CARTGRID	1	372600	3762500	NonCancerAcute	7.61E-03	7.83E-03	4.20E-02	0.00E+00	1.16E-08	1.53E-02	1.42E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	4.20E-02
409	CARTGRID	1	372700	3762500	NonCancerAcute	8.58E-03	8.83E-03	4.72E-02	0.00E+00	1.32E-08	1.71E-02	1.62E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	4.72E-02
410	CARTGRID	1	372800	3762500	NonCancerAcute	9.54E-03	9.83E-03	5.28E-02	0.00E+00	1.85E-08	1.95E-02	2.25E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	9.75E-03	0.00E+00	0.00E+00	5.28E-02
411	CARTGRID	1	372900	3762500	NonCancerAcute	1.01E-02	1.04E-02	5.62E-02	0.00E+00	2.09E-08	2.10E-02	2.53E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.62E-02
412	CARTGRID	1	373000	3762500	NonCancerAcute	1.05E-02	1.09E-02	5.90E-02	0.00E+00	2.21E-08	2.25E-02	2.68E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.90E-02
413	CARTGRID	1	373100	3762500	NonCancerAcute	1.14E-02	1.18E-02	6.46E-02	0.00E+00	2.32E-08	2.50E-02	2.82E-02	0.00E+00	3.18E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	6.46E-02
414	CARTGRID	1	373200	3762500	NonCancerAcute	1.18E-02	1.22E-02	6.77E-02	0.00E+00	2.40E-08	2.66E-02	2.92E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.77E-02
415	CARTGRID	1	373300	3762500	NonCancerAcute	1.20E-02	1.24E-02	6.99E-02	0.00E+00	2.44E-08	2.83E-02	2.98E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	6.99E-02
416	CARTGRID	1	373400	3762500	NonCancerAcute	1.28E-02	1.33E-02	7.46E-02	0.00E+00	2.51E-08	3.01E-02	3.07E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	7.46E-02
417	CARTGRID	1	373500	3762500	NonCancerAcute	1.18E-02	1.23E-02	7.02E-02	0.00E+00	2.52E-08	2.96E-02	3.09E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	7.02E-02
418	CARTGRID	1	373600	3762500	NonCancerAcute	1.05E-02	1.10E-02	6.42E-02	0.00E+00	1.79E-08	2.79E-02	2.25E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.42E-02
419	CARTGRID	1	373700	3762500	NonCancerAcute	1.17E-02	1.22E-02	7.19E-02	0.00E+00	1.97E-08	3.19E-02	2.49E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	7.19E-02
420	CARTGRID	1	373800	3762500	NonCancerAcute	1.31E-02	1.37E-02	8.20E-02	0.00E+00	2.75E-08	3.74E-02	3.43E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	2.38E-02	0.00E+00	0.00E+00	8.20E-02
421	CARTGRID	1	373900	3762500	NonCancerAcute	1.47E-02	1.54E-02	9.17E-02	0.00E+00	2.60E-08	4.12E-02	3.28E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.59E-02	0.00E+00	0.00E+00	9.17E-02
422	CARTGRID	1	374000	3762500	NonCancerAcute	1.36E-02	1.43E-02	8.70E-02	0.00E+00	2.58E-08	4.08E-02	3.27E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.67E-02	0.00E+00	0.00E+00	8.70E-02
423	CARTGRID	1	374100	3762500	NonCancerAcute	1.05E-02	1.11E-02	6.86E-02	0.00E+00	1.86E-08	3.32E-02	2.40E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	6.86E-02
424	CARTGRID	1	374200	3762500	NonCancerAcute	9.98E-03	1.07E-02	7.07E-02	0.00E+00	2.01E-08	3.78E-02	2.64E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	7.07E-02
425	CARTGRID	1	374300	3762500	NonCancerAcute	9.92E-03	1.06E-02	6.97E-02	0.00E+00	2.19E-08	3.69E-02	2.83E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	6.97E-02
426	CARTGRID	1	374400	3762500	NonCancerAcute	1.01E-02	1.07E-02	6.80E-02	0.00E+00	2.03E-08	3.44E-02	2.61E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	2.38E-02	0.00E+00	0.00E+00	6.80E-02
427	CARTGRID	1	374500	3762500	NonCancerAcute	7.26E-03	7.76E-03	5.02E-02	0.00E+00	1.65E-08	2.61E-02	2.11E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	5.02E-02
428	CARTGRID	1	374600	3762500	NonCancerAcute	6.74E-03	7.12E-03	4.38E-02	0.00E+00	1.48E-08	2.10E-02	1.86E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	4.38E-02
429	CARTGRID	1	374700	3762500	NonCancerAcute	6.38E-03	6.71E-03	4.06E-02	0.00E+00	1.38E-08	1.89E-02	1.73E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.06E-02
430	CARTGRID	1	374800	3762500	NonCancerAcute	5.79E-03	6.09E-03	3.66E-02	0.00E+00	1.36E-08	1.69E-02	1.68E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	3.66E-02
431	CARTGRID	1	374900	3762500	NonCancerAcute	5.52E-03	5.80E-03	3.46E-02	0.00E+00	1.34E-08	1.58E-02	1.65E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	3.46E-02
432	CARTGRID	1	375000	3762500	NonCancerAcute	5.17E-03	5.43E-03	3.22E-02	0.00E+00	1.39E-08	1.46E-02	1.70E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	3.22E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
433	CARTGRID	1	371500	3762600	NonCancerAcute	3.65E-03	3.77E-03	2.02E-02	0.00E+00	5.24E-09	7.45E-03	6.51E-03	0.00E+00	7.48E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	2.02E-02
434	CARTGRID	1	371600	3762600	NonCancerAcute	3.85E-03	3.96E-03	2.13E-02	0.00E+00	5.49E-09	7.87E-03	6.82E-03	0.00E+00	7.84E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	2.13E-02
435	CARTGRID	1	371700	3762600	NonCancerAcute	4.10E-03	4.23E-03	2.27E-02	0.00E+00	5.65E-09	8.37E-03	7.04E-03	0.00E+00	8.12E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	2.27E-02
436	CARTGRID	1	371800	3762600	NonCancerAcute	4.54E-03	4.67E-03	2.50E-02	0.00E+00	6.11E-09	9.15E-03	7.61E-03	0.00E+00	8.78E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.50E-02
437	CARTGRID	1	371900	3762600	NonCancerAcute	5.16E-03	5.31E-03	2.84E-02	0.00E+00	7.04E-09	1.03E-02	8.74E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	2.84E-02
438	CARTGRID	1	372000	3762600	NonCancerAcute	5.46E-03	5.62E-03	3.01E-02	0.00E+00	7.42E-09	1.10E-02	9.22E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	3.01E-02
439	CARTGRID	1	372100	3762600	NonCancerAcute	5.73E-03	5.89E-03	3.16E-02	0.00E+00	8.00E-09	1.16E-02	9.91E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	3.16E-02
440	CARTGRID	1	372200	3762600	NonCancerAcute	5.92E-03	6.09E-03	3.28E-02	0.00E+00	8.35E-09	1.21E-02	1.03E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	3.28E-02
441	CARTGRID	1	372300	3762600	NonCancerAcute	6.48E-03	6.67E-03	3.58E-02	0.00E+00	9.70E-09	1.32E-02	1.20E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	3.58E-02
442	CARTGRID	1	372400	3762600	NonCancerAcute	7.64E-03	7.87E-03	4.19E-02	0.00E+00	1.17E-08	1.51E-02	1.43E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	4.19E-02
443	CARTGRID	1	372500	3762600	NonCancerAcute	8.12E-03	8.37E-03	4.47E-02	0.00E+00	1.25E-08	1.63E-02	1.55E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	4.47E-02
444	CARTGRID	1	372600	3762600	NonCancerAcute	9.03E-03	9.30E-03	4.97E-02	0.00E+00	1.39E-08	1.82E-02	1.71E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	4.97E-02
445	CARTGRID	1	372700	3762600	NonCancerAcute	9.16E-03	9.42E-03	5.03E-02	0.00E+00	1.38E-08	1.82E-02	1.69E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	8.81E-03	0.00E+00	0.00E+00	5.03E-02
446	CARTGRID	1	372800	3762600	NonCancerAcute	1.01E-02	1.04E-02	5.55E-02	0.00E+00	1.53E-08	2.01E-02	1.88E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	9.72E-03	0.00E+00	0.00E+00	5.55E-02
447	CARTGRID	1	372900	3762600	NonCancerAcute	1.10E-02	1.14E-02	6.12E-02	0.00E+00	2.19E-08	2.28E-02	2.65E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	6.12E-02
448	CARTGRID	1	373000	3762600	NonCancerAcute	1.23E-02	1.27E-02	6.94E-02	0.00E+00	2.42E-08	2.63E-02	2.94E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.94E-02
449	CARTGRID	1	373100	3762600	NonCancerAcute	1.26E-02	1.30E-02	7.17E-02	0.00E+00	2.52E-08	2.80E-02	3.07E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	7.17E-02
450	CARTGRID	1	373200	3762600	NonCancerAcute	1.36E-02	1.41E-02	7.77E-02	0.00E+00	2.51E-08	3.03E-02	3.07E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.77E-02
451	CARTGRID	1	373300	3762600	NonCancerAcute	1.34E-02	1.39E-02	7.80E-02	0.00E+00	2.67E-08	3.15E-02	3.26E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.80E-02
452	CARTGRID	1	373400	3762600	NonCancerAcute	1.40E-02	1.45E-02	8.22E-02	0.00E+00	2.75E-08	3.36E-02	3.37E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	8.22E-02
453	CARTGRID	1	373500	3762600	NonCancerAcute	1.31E-02	1.36E-02	7.74E-02	0.00E+00	2.41E-08	3.22E-02	2.99E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	7.74E-02
454	CARTGRID	1	373600	3762600	NonCancerAcute	1.25E-02	1.30E-02	7.58E-02	0.00E+00	2.05E-08	3.28E-02	2.58E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	7.58E-02
455	CARTGRID	1	373700	3762600	NonCancerAcute	1.45E-02	1.52E-02	9.13E-02	0.00E+00	2.49E-08	4.21E-02	3.18E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	9.13E-02
456	CARTGRID	1	373800	3762600	NonCancerAcute	1.48E-02	1.55E-02	9.19E-02	0.00E+00	3.04E-08	4.12E-02	3.78E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.59E-02	0.00E+00	0.00E+00	9.19E-02
457	CARTGRID	1	373900	3762600	NonCancerAcute	1.72E-02	1.79E-02	1.04E-01	0.00E+00	2.90E-08	4.51E-02	3.64E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.04E-01
458	CARTGRID	1	374000	3762600	NonCancerAcute	1.43E-02	1.50E-02	9.01E-02	0.00E+00	2.84E-08	4.13E-02	3.56E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	9.01E-02
459	CARTGRID	1	374100	3762600	NonCancerAcute	1.17E-02	1.23E-02	7.37E-02	0.00E+00	2.07E-08	3.40E-02	2.64E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	7.37E-02
460	CARTGRID	1	374200	3762600	NonCancerAcute	1.14E-02	1.21E-02	7.55E-02	0.00E+00	2.46E-08	3.70E-02	3.12E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	7.55E-02
461	CARTGRID	1	374300	3762600	NonCancerAcute	1.06E-02	1.12E-02	7.07E-02	0.00E+00	2.36E-08	3.53E-02	2.99E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	2.41E-02	0.00E+00	0.00E+00	7.07E-02
462	CARTGRID	1	374400	3762600	NonCancerAcute	8.84E-03	9.44E-03	6.05E-02	0.00E+00	1.99E-08	3.10E-02	2.54E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	6.05E-02
463	CARTGRID	1	374500	3762600	NonCancerAcute	8.04E-03	8.53E-03	5.31E-02	0.00E+00	1.77E-08	2.61E-02	2.23E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	5.31E-02
464	CARTGRID	1	374600	3762600	NonCancerAcute	7.06E-03	7.46E-03	4.59E-02	0.00E+00	1.60E-08	2.21E-02	2.01E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	4.59E-02
465	CARTGRID	1	374700	3762600	NonCancerAcute	6.50E-03	6.83E-03	4.10E-02	0.00E+00	1.44E-08	1.89E-02	1.80E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.10E-02
466	CARTGRID	1	374800	3762600	NonCancerAcute	5.84E-03	6.14E-03	3.68E-02	0.00E+00	1.35E-08	1.69E-02	1.68E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.68E-02
467	CARTGRID	1	374900	3762600	NonCancerAcute	5.43E-03	5.71E-03	3.42E-02	0.00E+00	1.34E-08	1.57E-02	1.65E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	3.42E-02
468	CARTGRID	1	375000	3762600	NonCancerAcute	5.15E-03	5.41E-03	3.22E-02	0.00E+00	1.38E-08	1.47E-02	1.69E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	3.22E-02
469	CARTGRID	1	371500	3762700	NonCancerAcute	3.81E-03	3.92E-03	2.11E-02	0.00E+00	5.20E-09	7.75E-03	6.48E-03	0.00E+00	7.47E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	2.11E-02
470	CARTGRID	1	371600	3762700	NonCancerAcute	4.02E-03	4.14E-03	2.22E-02	0.00E+00	5.58E-09	8.17E-03	6.94E-03	0.00E+00	7.98E-03	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	2.22E-02
471	CARTGRID	1	371700	3762700	NonCancerAcute	4.23E-03	4.36E-03	2.34E-02	0.00E+00	6.02E-09	8.66E-03	7.48E-03	0.00E+00	8.59E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	2.34E-02
472	CARTGRID	1	371800	3762700	NonCancerAcute	4.56E-03	4.69E-03	2.52E-02	0.00E+00	6.40E-09	9.30E-03	7.95E-03	0.00E+00	9.13E-03	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	2.52E-02
473	CARTGRID	1	371900	3762700	NonCancerAcute	5.20E-03	5.35E-03	2.87E-02	0.00E+00	6.93E-09	1.05E-02	8.62E-03	0.00E+00	9.91E-03	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	2.87E-02
474	CARTGRID	1	372000	3762700	NonCancerAcute	5.91E-03	6.08E-03	3.24E-02	0.00E+00	8.14E-09	1.17E-02	1.01E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	3.24E-02
475	CARTGRID	1	372100	3762700	NonCancerAcute	6.26E-03	6.44E-03	3.44E-02	0.00E+00	8.81E-09	1.25E-02	1.09E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	3.44E-02
476	CARTGRID	1	372200	3762700	NonCancerAcute	6.56E-03	6.74E-03	3.61E-02	0.00E+00	8.58E-09	1.31E-02	1.07E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	3.61E-02
477	CARTGRID	1	372300	3762700	NonCancerAcute	7.11E-03	7.31E-03	3.92E-02	0.00E+00	9.91E-09	1.43E-02	1.23E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	3.92E-02
478	CARTGRID	1	372400	3762700	NonCancerAcute	7.93E-03	8.15E-03	4.35E-02	0.00E+00	1.18E-08	1.58E-02	1.45E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	4.35E-02
479	CARTGRID	1	372500	3762700	NonCancerAcute	9.11E-03	9.39E-03	5.02E-02	0.00E+00	1.59E-08	1.84E-02	1.94E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	5.02E-02
480	CARTGRID	1	372600	3762700	NonCancerAcute	1.01E-02	1.04E-02	5.56E-02	0.00E+00	1.75E-08	2.02E-02	2.13E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	9.87E-03	0.00E+00	0.00E+00	5.56E-02
481	CARTGRID	1	372700	3762700	NonCancerAcute	1.06E-02	1.10E-02	5.86E-02	0.00E+00	1.78E-08	2.13E-02	2.18E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.86E-02
482	CARTGRID	1	372800	3762700	NonCancerAcute	1.16E-02	1.19E-02	6.33E-02	0.00E+00	1.83E-08	2.29E-02	2.24E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	6.33E-02
483	CARTGRID	1	372900	3762700	NonCancerAcute	1.19E-02	1.23E-02	6.58E-02	0.00E+00	1.90E-08	2.41E-02	2.34E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	6.58E-02
484	CARTGRID	1	373000	3762700	NonCancerAcute	1.37E-02	1.42E-02	7.73E-02	0.00E+00	2.67E-08	2.94E-02	3.24E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	7.73E-02
485	CARTGRID	1	373100	3762700	NonCancerAcute	1.42E-02	1.46E-02	8.06E-02	0.00E+00	2.76E-08	3.13E-02	3.37E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	8.06E-02
486	CARTGRID	1	373200	3762700	NonCancerAcute	1.49E-02	1.54E-02	8.55E-02	0.00E+00	2.83E-08	3.36E-02	3.46E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	8.55E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
487	CARTGRID	1	373300	3762700	NonCancerAcute	1.51E-02	1.57E-02	8.76E-02	0.00E+00	2.96E-08	3.51E-02	3.62E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	8.76E-02
488	CARTGRID	1	373400	3762700	NonCancerAcute	1.50E-02	1.56E-02	8.81E-02	0.00E+00	3.14E-08	3.63E-02	3.84E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	8.81E-02
489	CARTGRID	1	373500	3762700	NonCancerAcute	1.51E-02	1.57E-02	8.86E-02	0.00E+00	2.91E-08	3.67E-02	3.59E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	8.86E-02
490	CARTGRID	1	373600	3762700	NonCancerAcute	1.48E-02	1.54E-02	8.89E-02	0.00E+00	2.48E-08	3.77E-02	3.10E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	8.89E-02
491	CARTGRID	1	373700	3762700	NonCancerAcute	1.68E-02	1.76E-02	1.03E-01	0.00E+00	3.40E-08	4.50E-02	4.22E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.03E-01
492	CARTGRID	1	373800	3762700	NonCancerAcute	1.79E-02	1.86E-02	1.07E-01	0.00E+00	3.35E-08	4.57E-02	4.14E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.07E-01
493	CARTGRID	1	373900	3762700	NonCancerAcute	2.24E-02	2.31E-02	1.29E-01	0.00E+00	3.20E-08	5.03E-02	3.98E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.29E-01
494	CARTGRID	1	374000	3762700	NonCancerAcute	1.64E-02	1.71E-02	9.88E-02	0.00E+00	2.82E-08	4.20E-02	3.52E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	9.88E-02
495	CARTGRID	1	374100	3762700	NonCancerAcute	1.40E-02	1.46E-02	8.58E-02	0.00E+00	2.42E-08	3.79E-02	3.06E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	2.34E-02	0.00E+00	0.00E+00	8.58E-02
496	CARTGRID	1	374200	3762700	NonCancerAcute	1.19E-02	1.26E-02	7.75E-02	0.00E+00	2.69E-08	3.73E-02	3.38E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	7.75E-02
497	CARTGRID	1	374300	3762700	NonCancerAcute	1.05E-02	1.11E-02	6.92E-02	0.00E+00	2.33E-08	3.38E-02	2.93E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	2.28E-02	0.00E+00	0.00E+00	6.92E-02
498	CARTGRID	1	374400	3762700	NonCancerAcute	8.96E-03	9.54E-03	6.08E-02	0.00E+00	1.91E-08	3.08E-02	2.44E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	6.08E-02
499	CARTGRID	1	374500	3762700	NonCancerAcute	8.01E-03	8.47E-03	5.21E-02	0.00E+00	1.67E-08	2.50E-02	2.11E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	5.21E-02
500	CARTGRID	1	374600	3762700	NonCancerAcute	7.44E-03	7.84E-03	4.76E-02	0.00E+00	1.73E-08	2.23E-02	2.15E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	4.76E-02
501	CARTGRID	1	374700	3762700	NonCancerAcute	6.58E-03	6.92E-03	4.19E-02	0.00E+00	1.60E-08	1.95E-02	1.98E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	4.19E-02
502	CARTGRID	1	374800	3762700	NonCancerAcute	5.87E-03	6.16E-03	3.68E-02	0.00E+00	1.37E-08	1.68E-02	1.70E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.68E-02
503	CARTGRID	1	374900	3762700	NonCancerAcute	5.56E-03	5.83E-03	3.45E-02	0.00E+00	1.34E-08	1.56E-02	1.64E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	3.45E-02
504	CARTGRID	1	375000	3762700	NonCancerAcute	5.47E-03	5.73E-03	3.37E-02	0.00E+00	1.38E-08	1.50E-02	1.69E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	3.37E-02
505	CARTGRID	1	371500	3762800	NonCancerAcute	3.87E-03	3.99E-03	2.15E-02	0.00E+00	5.22E-09	7.98E-03	6.52E-03	0.00E+00	7.53E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	2.15E-02
506	CARTGRID	1	371600	3762800	NonCancerAcute	4.19E-03	4.32E-03	2.32E-02	0.00E+00	5.63E-09	8.56E-03	7.02E-03	0.00E+00	8.09E-03	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.32E-02
507	CARTGRID	1	371700	3762800	NonCancerAcute	4.44E-03	4.58E-03	2.47E-02	0.00E+00	6.03E-09	9.10E-03	7.51E-03	0.00E+00	8.65E-03	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	2.47E-02
508	CARTGRID	1	371800	3762800	NonCancerAcute	4.69E-03	4.83E-03	2.60E-02	0.00E+00	6.38E-09	9.66E-03	7.96E-03	0.00E+00	9.18E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	2.60E-02
509	CARTGRID	1	371900	3762800	NonCancerAcute	5.07E-03	5.23E-03	2.82E-02	0.00E+00	7.04E-09	1.04E-02	8.75E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	2.82E-02
510	CARTGRID	1	372000	3762800	NonCancerAcute	5.94E-03	6.11E-03	3.28E-02	0.00E+00	8.21E-09	1.20E-02	1.02E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	3.28E-02
511	CARTGRID	1	372100	3762800	NonCancerAcute	6.86E-03	7.06E-03	3.76E-02	0.00E+00	9.77E-09	1.36E-02	1.21E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.56E-03	0.00E+00	0.00E+00	3.76E-02
512	CARTGRID	1	372200	3762800	NonCancerAcute	7.17E-03	7.37E-03	3.94E-02	0.00E+00	9.97E-09	1.42E-02	1.23E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.91E-03	0.00E+00	0.00E+00	3.94E-02
513	CARTGRID	1	372300	3762800	NonCancerAcute	7.73E-03	7.95E-03	4.25E-02	0.00E+00	1.06E-08	1.54E-02	1.31E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	4.25E-02
514	CARTGRID	1	372400	3762800	NonCancerAcute	8.95E-03	9.20E-03	4.89E-02	0.00E+00	1.26E-08	1.75E-02	1.55E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.89E-02
515	CARTGRID	1	372500	3762800	NonCancerAcute	9.76E-03	1.00E-02	5.35E-02	0.00E+00	1.49E-08	1.94E-02	1.83E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	9.36E-03	0.00E+00	0.00E+00	5.35E-02
516	CARTGRID	1	372600	3762800	NonCancerAcute	1.12E-02	1.15E-02	6.17E-02	0.00E+00	2.04E-08	2.23E-02	2.48E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	6.17E-02
517	CARTGRID	1	372700	3762800	NonCancerAcute	1.20E-02	1.24E-02	6.62E-02	0.00E+00	2.17E-08	2.41E-02	2.63E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	6.62E-02
518	CARTGRID	1	372800	3762800	NonCancerAcute	1.34E-02	1.38E-02	7.40E-02	0.00E+00	2.50E-08	2.72E-02	3.03E-02	0.00E+00	3.39E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	7.40E-02
519	CARTGRID	1	372900	3762800	NonCancerAcute	1.38E-02	1.42E-02	7.60E-02	0.00E+00	2.45E-08	2.76E-02	2.97E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	7.60E-02
520	CARTGRID	1	373000	3762800	NonCancerAcute	1.43E-02	1.48E-02	8.00E-02	0.00E+00	2.86E-08	3.00E-02	3.47E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	8.00E-02
521	CARTGRID	1	373100	3762800	NonCancerAcute	1.65E-02	1.70E-02	9.33E-02	0.00E+00	3.02E-08	3.56E-02	3.69E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	9.33E-02
522	CARTGRID	1	373200	3762800	NonCancerAcute	1.69E-02	1.75E-02	9.78E-02	0.00E+00	3.23E-08	3.93E-02	3.97E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	9.78E-02
523	CARTGRID	1	373300	3762800	NonCancerAcute	1.64E-02	1.71E-02	9.58E-02	0.00E+00	3.23E-08	3.90E-02	3.97E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	9.58E-02
524	CARTGRID	1	373400	3762800	NonCancerAcute	1.67E-02	1.73E-02	9.72E-02	0.00E+00	3.68E-08	3.97E-02	4.49E-02	0.00E+00	5.09E-02	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	9.72E-02
525	CARTGRID	1	373500	3762800	NonCancerAcute	1.67E-02	1.73E-02	9.77E-02	0.00E+00	2.88E-08	4.02E-02	3.59E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	9.77E-02
526	CARTGRID	1	373600	3762800	NonCancerAcute	1.72E-02	1.80E-02	1.04E-01	0.00E+00	3.03E-08	4.46E-02	3.79E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.04E-01
527	CARTGRID	1	373700	3762800	NonCancerAcute	1.95E-02	2.03E-02	1.17E-01	0.00E+00	3.72E-08	5.00E-02	4.60E-02	0.00E+00	5.29E-02	0.00E+00	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.17E-01
528	CARTGRID	1	373800	3762800	NonCancerAcute	2.17E-02	2.24E-02	1.28E-01	0.00E+00	3.84E-08	5.22E-02	4.72E-02	0.00E+00	5.38E-02	0.00E+00	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.28E-01
529	CARTGRID	1	373900	3762800	NonCancerAcute	5.09E-02	5.17E-02	2.65E-01	0.00E+00	3.69E-08	8.26E-02	4.62E-02	0.00E+00	5.22E-02	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	2.65E-01
530	CARTGRID	1	374000	3762800	NonCancerAcute	1.98E-02	2.05E-02	1.16E-01	0.00E+00	3.42E-08	4.69E-02	4.23E-02	0.00E+00	4.84E-02	0.00E+00	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.16E-01
531	CARTGRID	1	374100	3762800	NonCancerAcute	1.50E-02	1.57E-02	9.24E-02	0.00E+00	3.23E-08	4.11E-02	3.99E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	9.24E-02
532	CARTGRID	1	374200	3762800	NonCancerAcute	1.27E-02	1.34E-02	8.22E-02	0.00E+00	2.68E-08	3.92E-02	3.37E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	2.60E-02	0.00E+00	0.00E+00	8.22E-02
533	CARTGRID	1	374300	3762800	NonCancerAcute	1.12E-02	1.19E-02	7.25E-02	0.00E+00	2.44E-08	3.44E-02	3.06E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.26E-02	0.00E+00	0.00E+00	7.25E-02
534	CARTGRID	1	374400	3762800	NonCancerAcute	8.83E-03	9.31E-03	5.69E-02	0.00E+00	1.77E-08	2.69E-02	2.24E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	5.69E-02
535	CARTGRID	1	374500	3762800	NonCancerAcute	7.96E-03	8.40E-03	5.16E-02	0.00E+00	1.83E-08	2.46E-02	2.28E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	5.16E-02
536	CARTGRID	1	374600	3762800	NonCancerAcute	7.25E-03	7.63E-03	4.63E-02	0.00E+00	1.72E-08	2.17E-02	2.14E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	4.63E-02
537	CARTGRID	1	374700	3762800	NonCancerAcute	7.06E-03	7.41E-03	4.42E-02	0.00E+00	1.84E-08	2.01E-02	2.25E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	4.42E-02
538	CARTGRID	1	374800	3762800	NonCancerAcute	6.01E-03	6.31E-03	3.76E-02	0.00E+00	1.48E-08	1.71E-02	1.82E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.76E-02
539	CARTGRID	1	374900	3762800	NonCancerAcute	5.66E-03	5.92E-03	3.50E-02	0.00E+00	1.32E-08	1.56E-02	1.63E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	9.75E-03	0.00E+00	0.00E+00	3.50E-02
540	CARTGRID	1	375000	3762800	NonCancerAcute	5.62E-03	5.87E-03	3.43E-02	0.00E+00	1.33E-08	1.51E-02	1.63E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	9.24E-03	0.00E+00	0.00E+00	3.43E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
541	CARTGRID	1	371500	3762900	NonCancerAcute	4.04E-03	4.17E-03	2.24E-02	0.00E+00	5.29E-09	8.26E-03	6.62E-03	0.00E+00	7.66E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	2.24E-02
542	CARTGRID	1	371600	3762900	NonCancerAcute	4.31E-03	4.44E-03	2.39E-02	0.00E+00	5.60E-09	8.81E-03	7.01E-03	0.00E+00	8.11E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	2.39E-02
543	CARTGRID	1	371700	3762900	NonCancerAcute	4.68E-03	4.82E-03	2.59E-02	0.00E+00	5.93E-09	9.51E-03	7.42E-03	0.00E+00	8.59E-03	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	2.59E-02
544	CARTGRID	1	371800	3762900	NonCancerAcute	5.06E-03	5.21E-03	2.80E-02	0.00E+00	6.42E-09	1.03E-02	8.03E-03	0.00E+00	9.28E-03	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	2.80E-02
545	CARTGRID	1	371900	3762900	NonCancerAcute	5.46E-03	5.62E-03	3.03E-02	0.00E+00	7.12E-09	1.12E-02	8.88E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	3.03E-02
546	CARTGRID	1	372000	3762900	NonCancerAcute	6.05E-03	6.22E-03	3.35E-02	0.00E+00	8.05E-09	1.23E-02	1.00E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	3.35E-02
547	CARTGRID	1	372100	3762900	NonCancerAcute	7.28E-03	7.48E-03	3.99E-02	0.00E+00	1.04E-08	1.44E-02	1.28E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	3.99E-02
548	CARTGRID	1	372200	3762900	NonCancerAcute	8.19E-03	8.42E-03	4.49E-02	0.00E+00	1.18E-08	1.62E-02	1.46E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	4.49E-02
549	CARTGRID	1	372300	3762900	NonCancerAcute	8.68E-03	8.91E-03	4.74E-02	0.00E+00	1.19E-08	1.69E-02	1.47E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	4.74E-02
550	CARTGRID	1	372400	3762900	NonCancerAcute	9.69E-03	9.94E-03	5.27E-02	0.00E+00	1.26E-08	1.87E-02	1.56E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	5.27E-02
551	CARTGRID	1	372500	3762900	NonCancerAcute	1.13E-02	1.16E-02	6.20E-02	0.00E+00	1.93E-08	2.24E-02	2.35E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	6.20E-02
552	CARTGRID	1	372600	3762900	NonCancerAcute	1.25E-02	1.28E-02	6.81E-02	0.00E+00	2.07E-08	2.43E-02	2.52E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	6.81E-02
553	CARTGRID	1	372700	3762900	NonCancerAcute	1.42E-02	1.46E-02	7.82E-02	0.00E+00	2.42E-08	2.82E-02	2.94E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	7.82E-02
554	CARTGRID	1	372800	3762900	NonCancerAcute	1.60E-02	1.64E-02	8.82E-02	0.00E+00	2.58E-08	3.20E-02	3.14E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	8.82E-02
555	CARTGRID	1	372900	3762900	NonCancerAcute	1.70E-02	1.75E-02	9.37E-02	0.00E+00	2.87E-08	3.40E-02	3.49E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	9.37E-02
556	CARTGRID	1	373000	3762900	NonCancerAcute	1.59E-02	1.64E-02	8.82E-02	0.00E+00	2.95E-08	3.26E-02	3.58E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	8.82E-02
557	CARTGRID	1	373100	3762900	NonCancerAcute	1.81E-02	1.87E-02	1.02E-01	0.00E+00	3.44E-08	3.86E-02	4.19E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.02E-01
558	CARTGRID	1	373200	3762900	NonCancerAcute	1.84E-02	1.91E-02	1.06E-01	0.00E+00	3.48E-08	4.23E-02	4.26E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.06E-01
559	CARTGRID	1	373300	3762900	NonCancerAcute	1.86E-02	1.94E-02	1.09E-01	0.00E+00	3.86E-08	4.46E-02	4.75E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.09E-01
560	CARTGRID	1	373400	3762900	NonCancerAcute	1.86E-02	1.95E-02	1.10E-01	0.00E+00	3.81E-08	4.64E-02	4.72E-02	0.00E+00	5.47E-02	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.10E-01
561	CARTGRID	1	373500	3762900	NonCancerAcute	2.01E-02	2.09E-02	1.18E-01	0.00E+00	3.23E-08	4.85E-02	4.06E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.18E-01
562	CARTGRID	1	373600	3762900	NonCancerAcute	2.11E-02	2.20E-02	1.27E-01	0.00E+00	3.30E-08	5.42E-02	4.16E-02	0.00E+00	4.87E-02	0.00E+00	0.00E+00	3.23E-02	0.00E+00	0.00E+00	1.27E-01
563	CARTGRID	1	373700	3762900	NonCancerAcute	2.20E-02	2.29E-02	1.33E-01	0.00E+00	4.12E-08	5.68E-02	5.09E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.33E-01
564	CARTGRID	1	373800	3762900	NonCancerAcute	2.37E-02	2.45E-02	1.42E-01	0.00E+00	4.08E-08	5.93E-02	5.02E-02	0.00E+00	5.72E-02	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.42E-01
565	CARTGRID	1	373900	3762900	NonCancerAcute	1.06E-01	1.06E-01	5.23E-01	0.00E+00	4.27E-08	1.42E-01	5.41E-02	0.00E+00	5.98E-02	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	5.23E-01
566	CARTGRID	1	374000	3762900	NonCancerAcute	2.18E-02	2.25E-02	1.27E-01	0.00E+00	3.92E-08	5.14E-02	4.81E-02	0.00E+00	5.46E-02	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.27E-01
567	CARTGRID	1	374100	3762900	NonCancerAcute	1.69E-02	1.76E-02	1.03E-01	0.00E+00	3.29E-08	4.44E-02	4.08E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.03E-01
568	CARTGRID	1	374200	3762900	NonCancerAcute	1.37E-02	1.43E-02	8.57E-02	0.00E+00	2.96E-08	3.91E-02	3.67E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	8.57E-02
569	CARTGRID	1	374300	3762900	NonCancerAcute	1.05E-02	1.11E-02	6.73E-02	0.00E+00	2.40E-08	3.16E-02	2.99E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	6.73E-02
570	CARTGRID	1	374400	3762900	NonCancerAcute	8.35E-03	8.79E-03	5.33E-02	0.00E+00	1.82E-08	2.49E-02	2.28E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	5.33E-02
571	CARTGRID	1	374500	3762900	NonCancerAcute	8.01E-03	8.42E-03	5.06E-02	0.00E+00	1.84E-08	2.34E-02	2.28E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	5.06E-02
572	CARTGRID	1	374600	3762900	NonCancerAcute	7.88E-03	8.26E-03	4.89E-02	0.00E+00	1.87E-08	2.19E-02	2.30E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	4.89E-02
573	CARTGRID	1	374700	3762900	NonCancerAcute	7.87E-03	8.22E-03	4.77E-02	0.00E+00	1.99E-08	2.06E-02	2.43E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.77E-02
574	CARTGRID	1	374800	3762900	NonCancerAcute	7.12E-03	7.43E-03	4.31E-02	0.00E+00	1.70E-08	1.86E-02	2.08E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.31E-02
575	CARTGRID	1	374900	3762900	NonCancerAcute	6.38E-03	6.65E-03	3.85E-02	0.00E+00	1.41E-08	1.65E-02	1.73E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	3.85E-02
576	CARTGRID	1	375000	3762900	NonCancerAcute	6.11E-03	6.36E-03	3.64E-02	0.00E+00	1.31E-08	1.53E-02	1.60E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	3.64E-02
577	CARTGRID	1	371500	3763000	NonCancerAcute	4.22E-03	4.34E-03	2.33E-02	0.00E+00	5.40E-09	8.57E-03	6.75E-03	0.00E+00	7.81E-03	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	2.33E-02
578	CARTGRID	1	371600	3763000	NonCancerAcute	4.47E-03	4.60E-03	2.47E-02	0.00E+00	5.77E-09	9.10E-03	7.22E-03	0.00E+00	8.34E-03	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	2.47E-02
579	CARTGRID	1	371700	3763000	NonCancerAcute	4.77E-03	4.91E-03	2.64E-02	0.00E+00	6.15E-09	9.70E-03	7.69E-03	0.00E+00	8.88E-03	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	2.64E-02
580	CARTGRID	1	371800	3763000	NonCancerAcute	5.14E-03	5.29E-03	2.85E-02	0.00E+00	6.54E-09	1.05E-02	8.18E-03	0.00E+00	9.46E-03	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	2.85E-02
581	CARTGRID	1	371900	3763000	NonCancerAcute	5.63E-03	5.80E-03	3.12E-02	0.00E+00	7.07E-09	1.15E-02	8.86E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	3.12E-02
582	CARTGRID	1	372000	3763000	NonCancerAcute	6.20E-03	6.38E-03	3.44E-02	0.00E+00	7.77E-09	1.27E-02	9.72E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	3.44E-02
583	CARTGRID	1	372100	3763000	NonCancerAcute	6.96E-03	7.16E-03	3.85E-02	0.00E+00	9.13E-09	1.41E-02	1.14E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	3.85E-02
584	CARTGRID	1	372200	3763000	NonCancerAcute	8.62E-03	8.87E-03	4.74E-02	0.00E+00	1.31E-08	1.73E-02	1.61E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	4.74E-02
585	CARTGRID	1	372300	3763000	NonCancerAcute	9.69E-03	9.96E-03	5.33E-02	0.00E+00	1.63E-08	1.93E-02	1.99E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	5.33E-02
586	CARTGRID	1	372400	3763000	NonCancerAcute	1.09E-02	1.12E-02	5.94E-02	0.00E+00	1.63E-08	2.12E-02	1.99E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.94E-02
587	CARTGRID	1	372500	3763000	NonCancerAcute	1.24E-02	1.27E-02	6.71E-02	0.00E+00	1.88E-08	2.37E-02	2.29E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	6.71E-02
588	CARTGRID	1	372600	3763000	NonCancerAcute	1.41E-02	1.44E-02	7.68E-02	0.00E+00	2.28E-08	2.73E-02	2.77E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	7.68E-02
589	CARTGRID	1	372700	3763000	NonCancerAcute	1.60E-02	1.64E-02	8.75E-02	0.00E+00	2.52E-08	3.12E-02	3.07E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	8.75E-02
590	CARTGRID	1	372800	3763000	NonCancerAcute	1.89E-02	1.94E-02	1.03E-01	0.00E+00	2.67E-08	3.66E-02	3.27E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	1.03E-01
591	CARTGRID	1	372900	3763000	NonCancerAcute	2.02E-02	2.07E-02	1.11E-01	0.00E+00	3.02E-08	3.99E-02	3.69E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.11E-01
592	CARTGRID	1	373000	3763000	NonCancerAcute	1.88E-02	1.93E-02	1.04E-01	0.00E+00	3.38E-08	3.82E-02	4.11E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.04E-01
593	CARTGRID	1	373100	3763000	NonCancerAcute	2.11E-02	2.18E-02	1.19E-01	0.00E+00	3.55E-08	4.54E-02	4.36E-02	0.00E+00	4.96E-02	0.00E+00	0.00E+00	2.38E-02	0.00E+00	0.00E+00	1.19E-01
594	CARTGRID	1	373200	3763000	NonCancerAcute	2.07E-02	2.15E-02	1.19E-01	0.00E+00	4.04E-08	4.76E-02	4.95E-02	0.00E+00	5.64E-02	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.19E-01

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
595	CARTGRID	1	373300	3763000	NonCancerAcute	2.08E-02	2.17E-02	1.21E-01	0.00E+00	4.87E-08	4.99E-02	5.95E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.21E-01
596	CARTGRID	1	373400	3763000	NonCancerAcute	2.08E-02	2.18E-02	1.21E-01	0.00E+00	5.07E-08	5.01E-02	6.23E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.21E-01
597	CARTGRID	1	373500	3763000	NonCancerAcute	2.32E-02	2.42E-02	1.38E-01	0.00E+00	3.75E-08	5.80E-02	4.74E-02	0.00E+00	5.62E-02	0.00E+00	0.00E+00	3.39E-02	0.00E+00	0.00E+00	1.38E-01
598	CARTGRID	1	373600	3763000	NonCancerAcute	2.55E-02	2.66E-02	1.50E-01	0.00E+00	4.45E-08	6.26E-02	5.57E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.50E-01
599	CARTGRID	1	373700	3763000	NonCancerAcute	3.07E-02	3.17E-02	1.81E-01	0.00E+00	4.97E-08	7.41E-02	6.12E-02	0.00E+00	7.00E-02	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	1.81E-01
600	CARTGRID	1	373800	3763000	NonCancerAcute	2.64E-02	2.72E-02	1.59E-01	0.00E+00	4.58E-08	6.72E-02	5.60E-02	0.00E+00	6.35E-02	0.00E+00	0.00E+00	4.01E-02	0.00E+00	0.00E+00	1.59E-01
601	CARTGRID	1	373900	3763000	NonCancerAcute	7.73E-02	7.81E-02	3.91E-01	0.00E+00	4.53E-08	1.13E-01	5.63E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	3.91E-01
602	CARTGRID	1	374000	3763000	NonCancerAcute	2.24E-02	2.32E-02	1.30E-01	0.00E+00	3.87E-08	5.21E-02	4.76E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.30E-01
603	CARTGRID	1	374100	3763000	NonCancerAcute	1.53E-02	1.59E-02	9.31E-02	0.00E+00	3.36E-08	4.06E-02	4.13E-02	0.00E+00	4.70E-02	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	9.31E-02
604	CARTGRID	1	374200	3763000	NonCancerAcute	1.17E-02	1.23E-02	7.35E-02	0.00E+00	2.73E-08	3.34E-02	3.37E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	7.35E-02
605	CARTGRID	1	374300	3763000	NonCancerAcute	1.01E-02	1.06E-02	6.27E-02	0.00E+00	2.08E-08	2.81E-02	2.59E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	6.27E-02
606	CARTGRID	1	374400	3763000	NonCancerAcute	9.13E-03	9.55E-03	5.65E-02	0.00E+00	2.03E-08	2.52E-02	2.50E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	5.65E-02
607	CARTGRID	1	374500	3763000	NonCancerAcute	8.52E-03	8.91E-03	5.26E-02	0.00E+00	1.96E-08	2.34E-02	2.41E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.26E-02
608	CARTGRID	1	374600	3763000	NonCancerAcute	8.20E-03	8.56E-03	5.01E-02	0.00E+00	1.90E-08	2.19E-02	2.33E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.01E-02
609	CARTGRID	1	374700	3763000	NonCancerAcute	8.01E-03	8.34E-03	4.80E-02	0.00E+00	2.00E-08	2.04E-02	2.43E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.80E-02
610	CARTGRID	1	374800	3763000	NonCancerAcute	7.42E-03	7.72E-03	4.44E-02	0.00E+00	1.79E-08	1.88E-02	2.18E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.44E-02
611	CARTGRID	1	374900	3763000	NonCancerAcute	6.55E-03	6.82E-03	3.92E-02	0.00E+00	1.44E-08	1.66E-02	1.77E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	3.92E-02
612	CARTGRID	1	375000	3763000	NonCancerAcute	6.10E-03	6.35E-03	3.65E-02	0.00E+00	1.42E-08	1.54E-02	1.73E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	3.65E-02
613	CARTGRID	1	371500	3763100	NonCancerAcute	4.34E-03	4.47E-03	2.40E-02	0.00E+00	5.47E-09	8.75E-03	6.85E-03	0.00E+00	7.92E-03	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	2.40E-02
614	CARTGRID	1	371600	3763100	NonCancerAcute	4.65E-03	4.78E-03	2.57E-02	0.00E+00	5.80E-09	9.40E-03	7.27E-03	0.00E+00	8.42E-03	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	2.57E-02
615	CARTGRID	1	371700	3763100	NonCancerAcute	4.91E-03	5.06E-03	2.72E-02	0.00E+00	6.14E-09	1.00E-02	7.70E-03	0.00E+00	8.92E-03	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	2.72E-02
616	CARTGRID	1	371800	3763100	NonCancerAcute	5.37E-03	5.53E-03	2.97E-02	0.00E+00	6.55E-09	1.08E-02	8.22E-03	0.00E+00	9.52E-03	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	2.97E-02
617	CARTGRID	1	371900	3763100	NonCancerAcute	5.86E-03	6.03E-03	3.23E-02	0.00E+00	7.18E-09	1.18E-02	9.00E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	3.23E-02
618	CARTGRID	1	372000	3763100	NonCancerAcute	6.54E-03	6.73E-03	3.61E-02	0.00E+00	8.02E-09	1.31E-02	1.00E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	3.61E-02
619	CARTGRID	1	372100	3763100	NonCancerAcute	7.03E-03	7.23E-03	3.88E-02	0.00E+00	8.63E-09	1.42E-02	1.08E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	3.88E-02
620	CARTGRID	1	372200	3763100	NonCancerAcute	7.78E-03	8.00E-03	4.30E-02	0.00E+00	9.80E-09	1.58E-02	1.22E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	4.30E-02
621	CARTGRID	1	372300	3763100	NonCancerAcute	1.01E-02	1.04E-02	5.59E-02	0.00E+00	1.62E-08	2.03E-02	1.98E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	5.59E-02
622	CARTGRID	1	372400	3763100	NonCancerAcute	1.25E-02	1.29E-02	6.92E-02	0.00E+00	1.99E-08	2.52E-02	2.43E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.92E-02
623	CARTGRID	1	372500	3763100	NonCancerAcute	1.34E-02	1.37E-02	7.27E-02	0.00E+00	1.90E-08	2.55E-02	2.33E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	7.27E-02
624	CARTGRID	1	372600	3763100	NonCancerAcute	1.55E-02	1.58E-02	8.37E-02	0.00E+00	2.26E-08	2.92E-02	2.75E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	8.37E-02
625	CARTGRID	1	372700	3763100	NonCancerAcute	1.76E-02	1.80E-02	9.47E-02	0.00E+00	2.45E-08	3.27E-02	2.99E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	9.47E-02
626	CARTGRID	1	372800	3763100	NonCancerAcute	2.27E-02	2.33E-02	1.23E-01	0.00E+00	2.84E-08	4.31E-02	3.49E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.23E-01
627	CARTGRID	1	372900	3763100	NonCancerAcute	2.37E-02	2.42E-02	1.28E-01	0.00E+00	3.23E-08	4.48E-02	3.96E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.28E-01
628	CARTGRID	1	373000	3763100	NonCancerAcute	2.31E-02	2.37E-02	1.29E-01	0.00E+00	2.94E-08	4.86E-02	3.67E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.29E-01
629	CARTGRID	1	373100	3763100	NonCancerAcute	2.35E-02	2.42E-02	1.33E-01	0.00E+00	3.77E-08	5.05E-02	4.64E-02	0.00E+00	5.29E-02	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.33E-01
630	CARTGRID	1	373200	3763100	NonCancerAcute	2.25E-02	2.34E-02	1.30E-01	0.00E+00	5.29E-08	5.19E-02	6.42E-02	0.00E+00	7.24E-02	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.30E-01
631	CARTGRID	1	373300	3763100	NonCancerAcute	2.29E-02	2.40E-02	1.34E-01	0.00E+00	6.40E-08	5.57E-02	7.75E-02	0.00E+00	8.77E-02	0.00E+00	0.00E+00	3.19E-02	0.00E+00	0.00E+00	1.34E-01
632	CARTGRID	1	373400	3763100	NonCancerAcute	2.26E-02	2.38E-02	1.30E-01	0.00E+00	5.78E-08	5.39E-02	7.09E-02	0.00E+00	8.18E-02	0.00E+00	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.30E-01
633	CARTGRID	1	373500	3763100	NonCancerAcute	2.79E-02	2.96E-02	1.58E-01	0.00E+00	5.35E-08	6.56E-02	6.87E-02	0.00E+00	8.45E-02	0.00E+00	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.58E-01
634	CARTGRID	1	373600	3763100	NonCancerAcute	2.99E-02	3.14E-02	1.68E-01	0.00E+00	6.61E-08	6.73E-02	8.19E-02	0.00E+00	9.60E-02	0.00E+00	0.00E+00	3.60E-02	0.00E+00	0.00E+00	1.68E-01
635	CARTGRID	1	373700	3763100	NonCancerAcute	3.33E-02	3.44E-02	1.89E-01	0.00E+00	6.95E-08	7.37E-02	8.41E-02	0.00E+00	9.47E-02	0.00E+00	0.00E+00	3.95E-02	0.00E+00	0.00E+00	1.89E-01
636	CARTGRID	1	373800	3763100	NonCancerAcute	3.89E-02	3.99E-02	2.17E-01	0.00E+00	6.30E-08	8.02E-02	7.61E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	4.06E-02	0.00E+00	0.00E+00	2.17E-01
637	CARTGRID	1	373900	3763100	NonCancerAcute	6.59E-02	6.68E-02	3.37E-01	0.00E+00	5.34E-08	1.01E-01	6.55E-02	0.00E+00	7.25E-02	0.00E+00	0.00E+00	3.45E-02	0.00E+00	0.00E+00	3.37E-01
638	CARTGRID	1	374000	3763100	NonCancerAcute	2.20E-02	2.28E-02	1.27E-01	0.00E+00	4.88E-08	5.02E-02	5.89E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.27E-01
639	CARTGRID	1	374100	3763100	NonCancerAcute	1.52E-02	1.58E-02	9.04E-02	0.00E+00	3.63E-08	3.79E-02	4.40E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	9.04E-02
640	CARTGRID	1	374200	3763100	NonCancerAcute	1.24E-02	1.29E-02	7.51E-02	0.00E+00	2.82E-08	3.22E-02	3.45E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	7.51E-02
641	CARTGRID	1	374300	3763100	NonCancerAcute	1.02E-02	1.06E-02	6.21E-02	0.00E+00	2.20E-08	2.70E-02	2.70E-02	0.00E+00	3.09E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	6.21E-02
642	CARTGRID	1	374400	3763100	NonCancerAcute	9.42E-03	9.84E-03	5.74E-02	0.00E+00	2.20E-08	2.50E-02	2.69E-02	0.00E+00	3.06E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	5.74E-02
643	CARTGRID	1	374500	3763100	NonCancerAcute	9.54E-03	9.93E-03	5.72E-02	0.00E+00	2.22E-08	2.43E-02	2.71E-02	0.00E+00	3.06E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.72E-02
644	CARTGRID	1	374600	3763100	NonCancerAcute	8.64E-03	8.99E-03	5.17E-02	0.00E+00	2.01E-08	2.18E-02	2.45E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.17E-02
645	CARTGRID	1	374700	3763100	NonCancerAcute	8.35E-03	8.68E-03	4.94E-02	0.00E+00	2.16E-08	2.05E-02	2.61E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.94E-02
646	CARTGRID	1	374800	3763100	NonCancerAcute	7.08E-03	7.36E-03	4.17E-02	0.00E+00	2.05E-08	1.73E-02	2.46E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.17E-02
647	CARTGRID	1	374900	3763100	NonCancerAcute	6.92E-03	7.19E-03	4.07E-02	0.00E+00	1.80E-08	1.68E-02	2.17E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	9.64E-03	0.00E+00	0.00E+00	4.07E-02
648	CARTGRID	1	375000	3763100	NonCancerAcute	6.07E-03	6.32E-03	3.62E-02	0.00E+00	1.42E-08	1.53E-02	1.73E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	3.62E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
649	CARTGRID	1	371500	3763200	NonCancerAcute	4.48E-03	4.61E-03	2.47E-02	0.00E+00	5.52E-09	9.01E-03	6.92E-03	0.00E+00	8.01E-03	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.47E-02
650	CARTGRID	1	371600	3763200	NonCancerAcute	4.82E-03	4.96E-03	2.65E-02	0.00E+00	5.91E-09	9.65E-03	7.41E-03	0.00E+00	8.58E-03	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	2.65E-02
651	CARTGRID	1	371700	3763200	NonCancerAcute	5.17E-03	5.32E-03	2.85E-02	0.00E+00	6.34E-09	1.04E-02	7.95E-03	0.00E+00	9.20E-03	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	2.85E-02
652	CARTGRID	1	371800	3763200	NonCancerAcute	5.49E-03	5.65E-03	3.03E-02	0.00E+00	6.81E-09	1.11E-02	8.53E-03	0.00E+00	9.88E-03	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	3.03E-02
653	CARTGRID	1	371900	3763200	NonCancerAcute	6.05E-03	6.23E-03	3.34E-02	0.00E+00	7.31E-09	1.21E-02	9.17E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	3.34E-02
654	CARTGRID	1	372000	3763200	NonCancerAcute	7.04E-03	7.24E-03	3.88E-02	0.00E+00	8.52E-09	1.41E-02	1.07E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	3.88E-02
655	CARTGRID	1	372100	3763200	NonCancerAcute	8.12E-03	8.35E-03	4.46E-02	0.00E+00	1.01E-08	1.61E-02	1.26E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	4.46E-02
656	CARTGRID	1	372200	3763200	NonCancerAcute	8.40E-03	8.63E-03	4.62E-02	0.00E+00	9.84E-09	1.68E-02	1.23E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	4.62E-02
657	CARTGRID	1	372300	3763200	NonCancerAcute	9.07E-03	9.32E-03	5.00E-02	0.00E+00	1.05E-08	1.82E-02	1.32E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	5.00E-02
658	CARTGRID	1	372400	3763200	NonCancerAcute	1.10E-02	1.13E-02	6.05E-02	0.00E+00	1.38E-08	2.17E-02	1.72E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	6.05E-02
659	CARTGRID	1	372500	3763200	NonCancerAcute	1.44E-02	1.47E-02	7.83E-02	0.00E+00	2.06E-08	2.78E-02	2.53E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	7.83E-02
660	CARTGRID	1	372600	3763200	NonCancerAcute	1.92E-02	1.97E-02	1.05E-01	0.00E+00	2.32E-08	3.69E-02	2.86E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.05E-01
661	CARTGRID	1	372700	3763200	NonCancerAcute	2.30E-02	2.35E-02	1.23E-01	0.00E+00	2.64E-08	4.22E-02	3.25E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.23E-01
662	CARTGRID	1	372800	3763200	NonCancerAcute	2.80E-02	2.86E-02	1.50E-01	0.00E+00	2.98E-08	5.07E-02	3.69E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.50E-01
663	CARTGRID	1	372900	3763200	NonCancerAcute	3.29E-02	3.36E-02	1.76E-01	0.00E+00	3.21E-08	5.94E-02	4.00E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	2.60E-02	0.00E+00	0.00E+00	1.76E-01
664	CARTGRID	1	373000	3763200	NonCancerAcute	2.80E-02	2.88E-02	1.55E-01	0.00E+00	3.46E-08	5.62E-02	4.30E-02	0.00E+00	4.92E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.55E-01
665	CARTGRID	1	373100	3763200	NonCancerAcute	2.74E-02	2.83E-02	1.57E-01	0.00E+00	4.18E-08	6.09E-02	5.17E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.57E-01
666	CARTGRID	1	373200	3763200	NonCancerAcute	2.49E-02	2.58E-02	1.43E-01	0.00E+00	7.13E-08	5.67E-02	8.52E-02	0.00E+00	9.46E-02	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.43E-01
667	CARTGRID	1	373300	3763200	NonCancerAcute	2.54E-02	2.66E-02	1.47E-01	0.00E+00	9.06E-08	6.04E-02	1.08E-01	0.00E+00	1.21E-01	0.00E+00	0.00E+00	3.40E-02	0.00E+00	0.00E+00	1.47E-01
668	CARTGRID	1	373400	3763200	NonCancerAcute	2.83E-02	2.97E-02	1.61E-01	0.00E+00	7.47E-08	6.56E-02	9.13E-02	0.00E+00	1.05E-01	0.00E+00	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.61E-01
669	CARTGRID	1	373500	3763200	NonCancerAcute	3.52E-02	3.85E-02	1.90E-01	0.00E+00	1.08E-07	8.17E-02	1.38E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	4.32E-02	0.00E+00	0.00E+00	1.90E-01
670	CARTGRID	1	373600	3763200	NonCancerAcute	3.84E-02	4.01E-02	2.08E-01	0.00E+00	8.76E-08	7.69E-02	1.07E-01	0.00E+00	1.23E-01	0.00E+00	0.00E+00	3.70E-02	0.00E+00	0.00E+00	2.08E-01
671	CARTGRID	1	373700	3763200	NonCancerAcute	4.62E-02	4.73E-02	2.45E-01	0.00E+00	8.60E-08	8.16E-02	1.03E-01	0.00E+00	1.13E-01	0.00E+00	0.00E+00	3.45E-02	0.00E+00	0.00E+00	2.45E-01
672	CARTGRID	1	373800	3763200	NonCancerAcute	9.59E-02	9.69E-02	4.79E-01	0.00E+00	7.43E-08	1.34E-01	9.00E-02	0.00E+00	9.81E-02	0.00E+00	0.00E+00	3.69E-02	0.00E+00	0.00E+00	4.79E-01
673	CARTGRID	1	373900	3763200	NonCancerAcute	3.78E-02	3.87E-02	2.05E-01	0.00E+00	1.31E-07	7.11E-02	1.52E-01	0.00E+00	1.62E-01	0.00E+00	0.00E+00	3.27E-02	0.00E+00	0.00E+00	2.05E-01
674	CARTGRID	1	374000	3763200	NonCancerAcute	2.22E-02	2.29E-02	1.27E-01	0.00E+00	9.37E-08	4.97E-02	1.10E-01	0.00E+00	1.18E-01	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.27E-01
675	CARTGRID	1	374100	3763200	NonCancerAcute	1.44E-02	1.49E-02	8.50E-02	0.00E+00	4.45E-08	3.50E-02	5.30E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	8.50E-02
676	CARTGRID	1	374200	3763200	NonCancerAcute	1.17E-02	1.21E-02	6.90E-02	0.00E+00	2.78E-08	2.85E-02	3.36E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	6.90E-02
677	CARTGRID	1	374300	3763200	NonCancerAcute	1.06E-02	1.11E-02	6.35E-02	0.00E+00	2.55E-08	2.67E-02	3.10E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	6.35E-02
678	CARTGRID	1	374400	3763200	NonCancerAcute	1.05E-02	1.09E-02	6.24E-02	0.00E+00	2.60E-08	2.61E-02	3.15E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.24E-02
679	CARTGRID	1	374500	3763200	NonCancerAcute	9.93E-03	1.03E-02	5.87E-02	0.00E+00	2.56E-08	2.43E-02	3.09E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	5.87E-02
680	CARTGRID	1	374600	3763200	NonCancerAcute	8.67E-03	9.01E-03	5.15E-02	0.00E+00	2.06E-08	2.15E-02	2.51E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.15E-02
681	CARTGRID	1	374700	3763200	NonCancerAcute	8.60E-03	8.92E-03	5.02E-02	0.00E+00	2.12E-08	2.04E-02	2.56E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.02E-02
682	CARTGRID	1	374800	3763200	NonCancerAcute	8.06E-03	8.34E-03	4.65E-02	0.00E+00	2.05E-08	1.85E-02	2.46E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.65E-02
683	CARTGRID	1	374900	3763200	NonCancerAcute	6.26E-03	6.50E-03	3.63E-02	0.00E+00	1.90E-08	1.47E-02	2.27E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	8.22E-03	0.00E+00	0.00E+00	3.63E-02
684	CARTGRID	1	375000	3763200	NonCancerAcute	6.62E-03	6.86E-03	3.84E-02	0.00E+00	1.78E-08	1.55E-02	2.14E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	3.84E-02
685	CARTGRID	1	371500	3763300	NonCancerAcute	4.57E-03	4.70E-03	2.52E-02	0.00E+00	5.47E-09	9.23E-03	6.87E-03	0.00E+00	7.98E-03	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	2.52E-02
686	CARTGRID	1	371600	3763300	NonCancerAcute	4.94E-03	5.08E-03	2.72E-02	0.00E+00	5.82E-09	9.94E-03	7.32E-03	0.00E+00	8.50E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	2.72E-02
687	CARTGRID	1	371700	3763300	NonCancerAcute	5.32E-03	5.47E-03	2.93E-02	0.00E+00	6.24E-09	1.07E-02	7.85E-03	0.00E+00	9.11E-03	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	2.93E-02
688	CARTGRID	1	371800	3763300	NonCancerAcute	5.74E-03	5.90E-03	3.16E-02	0.00E+00	6.73E-09	1.15E-02	8.46E-03	0.00E+00	9.81E-03	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	3.16E-02
689	CARTGRID	1	371900	3763300	NonCancerAcute	6.25E-03	6.42E-03	3.45E-02	0.00E+00	7.28E-09	1.26E-02	9.16E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	3.45E-02
690	CARTGRID	1	372000	3763300	NonCancerAcute	6.91E-03	7.10E-03	3.81E-02	0.00E+00	7.94E-09	1.38E-02	1.00E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	3.81E-02
691	CARTGRID	1	372100	3763300	NonCancerAcute	8.25E-03	8.48E-03	4.54E-02	0.00E+00	9.82E-09	1.64E-02	1.23E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	7.98E-03	0.00E+00	0.00E+00	4.54E-02
692	CARTGRID	1	372200	3763300	NonCancerAcute	9.58E-03	9.84E-03	5.25E-02	0.00E+00	1.17E-08	1.89E-02	1.46E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	5.25E-02
693	CARTGRID	1	372300	3763300	NonCancerAcute	1.04E-02	1.07E-02	5.74E-02	0.00E+00	1.22E-08	2.07E-02	1.52E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.74E-02
694	CARTGRID	1	372400	3763300	NonCancerAcute	1.14E-02	1.17E-02	6.29E-02	0.00E+00	1.32E-08	2.27E-02	1.65E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	6.29E-02
695	CARTGRID	1	372500	3763300	NonCancerAcute	1.29E-02	1.33E-02	7.09E-02	0.00E+00	1.40E-08	2.54E-02	1.76E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	7.09E-02
696	CARTGRID	1	372600	3763300	NonCancerAcute	1.86E-02	1.91E-02	1.01E-01	0.00E+00	2.50E-08	3.55E-02	3.08E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	1.01E-01
697	CARTGRID	1	372700	3763300	NonCancerAcute	2.53E-02	2.59E-02	1.37E-01	0.00E+00	2.69E-08	4.75E-02	3.35E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.37E-01
698	CARTGRID	1	372800	3763300	NonCancerAcute	3.64E-02	3.71E-02	1.94E-01	0.00E+00	2.95E-08	6.43E-02	3.72E-02	0.00E+00	4.26E-02	0.00E+00	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.94E-01
699	CARTGRID	1	372900	3763300	NonCancerAcute	5.69E-02	5.77E-02	2.91E-01	0.00E+00	3.25E-08	8.75E-02	4.13E-02	0.00E+00	4.68E-02	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	2.91E-01
700	CARTGRID	1	373000	3763300	NonCancerAcute	3.79E-02	3.87E-02	2.04E-01	0.00E+00	3.77E-08	7.02E-02	4.70E-02	0.00E+00	5.38E-02	0.00E+00	0.00E+00	3.16E-02	0.00E+00	0.00E+00	2.04E-01
701	CARTGRID	1	373100	3763300	NonCancerAcute	3.20E-02	3.29E-02	1.79E-01	0.00E+00	4.60E-08	6.64E-02	5.66E-02	0.00E+00	6.43E-02	0.00E+00	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.79E-01
702	CARTGRID	1	373200	3763300	NonCancerAcute	2.90E-02	3.00E-02	1.66E-01	0.00E+00	7.43E-08	6.44E-02	8.88E-02	0.00E+00	9.86E-02	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.66E-01

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
703	CARTGRID	1	373300	3763300	NonCancerAcute	2.73E-02	2.83E-02	1.57E-01	0.00E+00	1.33E-07	6.29E-02	1.56E-01	0.00E+00	1.69E-01	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	1.69E-01
704	CARTGRID	1	373400	3763300	NonCancerAcute	3.74E-02	3.87E-02	2.10E-01	0.00E+00	1.78E-07	8.04E-02	2.08E-01	0.00E+00	2.25E-01	0.00E+00	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.25E-01
705	CARTGRID	1	373500	3763300	NonCancerAcute	3.79E-02	3.96E-02	2.13E-01	0.00E+00	2.24E-07	8.39E-02	2.62E-01	0.00E+00	2.84E-01	0.00E+00	0.00E+00	4.45E-02	0.00E+00	0.00E+00	2.84E-01
706	CARTGRID	1	373600	3763300	NonCancerAcute	6.90E-02	7.16E-02	3.53E-01	0.00E+00	1.35E-07	1.17E-01	1.65E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	4.50E-02	0.00E+00	0.00E+00	3.53E-01
707	CARTGRID	1	373700	3763300	NonCancerAcute	4.27E-02	4.38E-02	2.30E-01	0.00E+00	1.15E-07	7.96E-02	1.35E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	3.60E-02	0.00E+00	0.00E+00	2.30E-01
708	CARTGRID	1	373800	3763300	NonCancerAcute	3.27E-02	3.37E-02	1.82E-01	0.00E+00	2.94E-07	6.64E-02	3.37E-01	0.00E+00	3.55E-01	0.00E+00	0.00E+00	3.30E-02	0.00E+00	0.00E+00	3.55E-01
709	CARTGRID	1	373900	3763300	NonCancerAcute	2.65E-02	2.74E-02	1.54E-01	0.00E+00	2.30E-07	6.17E-02	2.64E-01	0.00E+00	2.79E-01	0.00E+00	0.00E+00	3.45E-02	0.00E+00	0.00E+00	2.79E-01
710	CARTGRID	1	374000	3763300	NonCancerAcute	1.74E-02	1.80E-02	1.02E-01	0.00E+00	1.00E-07	4.15E-02	1.16E-01	0.00E+00	1.24E-01	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	1.24E-01
711	CARTGRID	1	374100	3763300	NonCancerAcute	1.38E-02	1.43E-02	8.11E-02	0.00E+00	5.34E-08	3.31E-02	6.29E-02	0.00E+00	6.82E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	8.11E-02
712	CARTGRID	1	374200	3763300	NonCancerAcute	1.12E-02	1.16E-02	6.60E-02	0.00E+00	3.03E-08	2.72E-02	3.64E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	6.60E-02
713	CARTGRID	1	374300	3763300	NonCancerAcute	9.76E-03	1.01E-02	5.83E-02	0.00E+00	2.45E-08	2.45E-02	2.96E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.83E-02
714	CARTGRID	1	374400	3763300	NonCancerAcute	9.76E-03	1.01E-02	5.80E-02	0.00E+00	2.50E-08	2.42E-02	3.01E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	5.80E-02
715	CARTGRID	1	374500	3763300	NonCancerAcute	1.07E-02	1.10E-02	6.15E-02	0.00E+00	2.83E-08	2.43E-02	3.38E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	6.15E-02
716	CARTGRID	1	374600	3763300	NonCancerAcute	8.58E-03	8.90E-03	5.07E-02	0.00E+00	2.03E-08	2.09E-02	2.46E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.07E-02
717	CARTGRID	1	374700	3763300	NonCancerAcute	8.01E-03	8.32E-03	4.74E-02	0.00E+00	1.96E-08	1.96E-02	2.37E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.74E-02
718	CARTGRID	1	374800	3763300	NonCancerAcute	7.51E-03	7.80E-03	4.41E-02	0.00E+00	1.94E-08	1.81E-02	2.34E-02	0.00E+00	2.61E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.41E-02
719	CARTGRID	1	374900	3763300	NonCancerAcute	6.71E-03	6.96E-03	3.89E-02	0.00E+00	1.94E-08	1.57E-02	2.32E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	3.89E-02
720	CARTGRID	1	375000	3763300	NonCancerAcute	5.47E-03	5.68E-03	3.16E-02	0.00E+00	1.77E-08	1.26E-02	2.10E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	3.16E-02
721	CARTGRID	1	371500	3763400	NonCancerAcute	4.67E-03	4.80E-03	2.58E-02	0.00E+00	5.59E-09	9.45E-03	7.02E-03	0.00E+00	8.15E-03	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.58E-02
722	CARTGRID	1	371600	3763400	NonCancerAcute	4.93E-03	5.08E-03	2.73E-02	0.00E+00	5.95E-09	1.01E-02	7.48E-03	0.00E+00	8.68E-03	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	2.73E-02
723	CARTGRID	1	371700	3763400	NonCancerAcute	5.34E-03	5.50E-03	2.96E-02	0.00E+00	6.36E-09	1.09E-02	8.00E-03	0.00E+00	9.29E-03	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	2.96E-02
724	CARTGRID	1	371800	3763400	NonCancerAcute	5.81E-03	5.97E-03	3.22E-02	0.00E+00	6.82E-09	1.18E-02	8.59E-03	0.00E+00	9.98E-03	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	3.22E-02
725	CARTGRID	1	371900	3763400	NonCancerAcute	6.27E-03	6.45E-03	3.48E-02	0.00E+00	7.37E-09	1.29E-02	9.28E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	6.44E-03	0.00E+00	0.00E+00	3.48E-02
726	CARTGRID	1	372000	3763400	NonCancerAcute	6.97E-03	7.17E-03	3.87E-02	0.00E+00	8.01E-09	1.43E-02	1.01E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	3.87E-02
727	CARTGRID	1	372100	3763400	NonCancerAcute	7.80E-03	8.02E-03	4.34E-02	0.00E+00	8.91E-09	1.61E-02	1.12E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	4.34E-02
728	CARTGRID	1	372200	3763400	NonCancerAcute	9.22E-03	9.47E-03	5.12E-02	0.00E+00	1.06E-08	1.88E-02	1.34E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	9.40E-03	0.00E+00	0.00E+00	5.12E-02
729	CARTGRID	1	372300	3763400	NonCancerAcute	1.14E-02	1.17E-02	6.31E-02	0.00E+00	1.36E-08	2.31E-02	1.71E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	6.31E-02
730	CARTGRID	1	372400	3763400	NonCancerAcute	1.38E-02	1.42E-02	7.64E-02	0.00E+00	1.98E-08	2.78E-02	2.44E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	7.64E-02
731	CARTGRID	1	372500	3763400	NonCancerAcute	1.49E-02	1.53E-02	8.16E-02	0.00E+00	1.58E-08	2.92E-02	2.00E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	8.16E-02
732	CARTGRID	1	372600	3763400	NonCancerAcute	1.74E-02	1.78E-02	9.50E-02	0.00E+00	1.75E-08	3.38E-02	2.21E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	9.50E-02
733	CARTGRID	1	372700	3763400	NonCancerAcute	2.17E-02	2.22E-02	1.18E-01	0.00E+00	2.16E-08	4.18E-02	2.73E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.18E-01
734	CARTGRID	1	372800	3763400	NonCancerAcute	3.55E-02	3.62E-02	1.89E-01	0.00E+00	3.04E-08	6.32E-02	3.82E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.89E-01
735	CARTGRID	1	372900	3763400	NonCancerAcute	5.01E-02	5.10E-02	2.62E-01	0.00E+00	3.25E-08	8.30E-02	4.14E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	3.23E-02	0.00E+00	0.00E+00	2.62E-01
736	CARTGRID	1	373000	3763400	NonCancerAcute	8.62E-02	8.72E-02	4.35E-01	0.00E+00	4.05E-08	1.25E-01	5.17E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.80E-02	0.00E+00	0.00E+00	4.35E-01
737	CARTGRID	1	373100	3763400	NonCancerAcute	4.04E-02	4.13E-02	2.18E-01	0.00E+00	5.22E-08	7.48E-02	6.38E-02	0.00E+00	7.15E-02	0.00E+00	0.00E+00	3.37E-02	0.00E+00	0.00E+00	2.18E-01
738	CARTGRID	1	373200	3763400	NonCancerAcute	3.07E-02	3.16E-02	1.75E-01	0.00E+00	7.61E-08	6.79E-02	9.07E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	1.75E-01
739	CARTGRID	1	373300	3763400	NonCancerAcute	3.12E-02	3.23E-02	1.82E-01	0.00E+00	1.38E-07	7.30E-02	1.62E-01	0.00E+00	1.75E-01	0.00E+00	0.00E+00	4.10E-02	0.00E+00	0.00E+00	1.82E-01
740	CARTGRID	1	373400	3763400	NonCancerAcute	3.51E-02	3.63E-02	2.09E-01	0.00E+00	2.44E-07	8.67E-02	2.83E-01	0.00E+00	3.08E-01	0.00E+00	0.00E+00	5.07E-02	0.00E+00	0.00E+00	3.08E-01
741	CARTGRID	1	373500	3763400	NonCancerAcute	5.41E-02	5.54E-02	2.98E-01	0.00E+00	4.18E-07	1.07E-01	4.79E-01	0.00E+00	5.05E-01	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	5.05E-01
742	CARTGRID	1	373600	3763400	NonCancerAcute	4.05E-02	4.19E-02	2.27E-01	0.00E+00	2.96E-07	8.69E-02	3.42E-01	0.00E+00	3.64E-01	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	3.64E-01
743	CARTGRID	1	373700	3763400	NonCancerAcute	2.96E-02	3.09E-02	1.73E-01	0.00E+00	7.15E-07	7.06E-02	8.13E-01	0.00E+00	8.49E-01	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	8.49E-01
744	CARTGRID	1	373800	3763400	NonCancerAcute	2.63E-02	2.72E-02	1.52E-01	0.00E+00	4.54E-07	6.07E-02	5.17E-01	0.00E+00	5.41E-01	0.00E+00	0.00E+00	3.37E-02	0.00E+00	0.00E+00	5.41E-01
745	CARTGRID	1	373900	3763400	NonCancerAcute	2.14E-02	2.23E-02	1.27E-01	0.00E+00	2.31E-07	5.22E-02	2.65E-01	0.00E+00	2.79E-01	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	2.79E-01
746	CARTGRID	1	374000	3763400	NonCancerAcute	1.49E-02	1.54E-02	8.91E-02	0.00E+00	1.01E-07	3.76E-02	1.17E-01	0.00E+00	1.25E-01	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.25E-01
747	CARTGRID	1	374100	3763400	NonCancerAcute	1.25E-02	1.30E-02	7.45E-02	0.00E+00	5.52E-08	3.09E-02	6.47E-02	0.00E+00	7.00E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	7.45E-02
748	CARTGRID	1	374200	3763400	NonCancerAcute	1.12E-02	1.16E-02	6.57E-02	0.00E+00	3.35E-08	2.67E-02	3.98E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.57E-02
749	CARTGRID	1	374300	3763400	NonCancerAcute	1.03E-02	1.06E-02	6.02E-02	0.00E+00	2.56E-08	2.45E-02	3.08E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.02E-02
750	CARTGRID	1	374400	3763400	NonCancerAcute	9.86E-03	1.02E-02	5.80E-02	0.00E+00	2.42E-08	2.38E-02	2.92E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.80E-02
751	CARTGRID	1	374500	3763400	NonCancerAcute	9.46E-03	9.79E-03	5.48E-02	0.00E+00	2.91E-08	2.19E-02	3.46E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.48E-02
752	CARTGRID	1	374600	3763400	NonCancerAcute	8.46E-03	8.78E-03	4.98E-02	0.00E+00	2.17E-08	2.05E-02	2.61E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.98E-02
753	CARTGRID	1	374700	3763400	NonCancerAcute	7.91E-03	8.20E-03	4.64E-02	0.00E+00	1.94E-08	1.89E-02	2.34E-02	0.00E+00	2.61E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.64E-02
754	CARTGRID	1	374800	3763400	NonCancerAcute	7.50E-03	7.78E-03	4.38E-02	0.00E+00	1.93E-08	1.78E-02	2.32E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.38E-02
755	CARTGRID	1	374900	3763400	NonCancerAcute	6.88E-03	7.13E-03	4.02E-02	0.00E+00	1.86E-08	1.64E-02	2.23E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	9.30E-03	0.00E+00	0.00E+00	4.02E-02
756	CARTGRID	1	375000	3763400	NonCancerAcute	6.34E-03	6.57E-03	3.69E-02	0.00E+00	1.79E-08	1.50E-02	2.14E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	3.69E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
757	CARTGRID	1	371500	3763500	NonCancerAcute	4.67E-03	4.81E-03	2.59E-02	0.00E+00	5.66E-09	9.52E-03	7.12E-03	0.00E+00	8.25E-03	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.59E-02
758	CARTGRID	1	371600	3763500	NonCancerAcute	5.06E-03	5.20E-03	2.80E-02	0.00E+00	6.03E-09	1.03E-02	7.58E-03	0.00E+00	8.79E-03	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	2.80E-02
759	CARTGRID	1	371700	3763500	NonCancerAcute	5.41E-03	5.56E-03	3.00E-02	0.00E+00	6.45E-09	1.11E-02	8.11E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	3.00E-02
760	CARTGRID	1	371800	3763500	NonCancerAcute	5.85E-03	6.02E-03	3.25E-02	0.00E+00	6.92E-09	1.20E-02	8.71E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	3.25E-02
761	CARTGRID	1	371900	3763500	NonCancerAcute	6.40E-03	6.59E-03	3.56E-02	0.00E+00	7.46E-09	1.32E-02	9.41E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	3.56E-02
762	CARTGRID	1	372000	3763500	NonCancerAcute	7.04E-03	7.24E-03	3.92E-02	0.00E+00	8.09E-09	1.45E-02	1.02E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	3.92E-02
763	CARTGRID	1	372100	3763500	NonCancerAcute	7.87E-03	8.10E-03	4.39E-02	0.00E+00	8.87E-09	1.63E-02	1.12E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	8.22E-03	0.00E+00	0.00E+00	4.39E-02
764	CARTGRID	1	372200	3763500	NonCancerAcute	8.93E-03	9.19E-03	4.99E-02	0.00E+00	1.00E-08	1.86E-02	1.27E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	4.99E-02
765	CARTGRID	1	372300	3763500	NonCancerAcute	1.04E-02	1.07E-02	5.82E-02	0.00E+00	1.17E-08	2.18E-02	1.48E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.82E-02
766	CARTGRID	1	372400	3763500	NonCancerAcute	1.40E-02	1.44E-02	7.82E-02	0.00E+00	1.94E-08	2.91E-02	2.41E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	7.82E-02
767	CARTGRID	1	372500	3763500	NonCancerAcute	1.62E-02	1.66E-02	9.01E-02	0.00E+00	1.90E-08	3.34E-02	2.39E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	9.01E-02
768	CARTGRID	1	372600	3763500	NonCancerAcute	1.99E-02	2.05E-02	1.10E-01	0.00E+00	2.46E-08	4.03E-02	3.06E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.10E-01
769	CARTGRID	1	372700	3763500	NonCancerAcute	2.27E-02	2.34E-02	1.27E-01	0.00E+00	2.65E-08	4.67E-02	3.32E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.27E-01
770	CARTGRID	1	372800	3763500	NonCancerAcute	3.59E-02	3.66E-02	1.93E-01	0.00E+00	3.10E-08	6.56E-02	3.92E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.93E-01
771	CARTGRID	1	372900	3763500	NonCancerAcute	4.95E-02	5.04E-02	2.63E-01	0.00E+00	3.33E-08	8.65E-02	4.27E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.63E-01
772	CARTGRID	1	373000	3763500	NonCancerAcute	3.79E-02	3.88E-02	2.09E-01	0.00E+00	4.08E-08	7.52E-02	5.09E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	2.09E-01
773	CARTGRID	1	373100	3763500	NonCancerAcute	7.01E-02	7.11E-02	3.61E-01	0.00E+00	5.03E-08	1.10E-01	6.23E-02	0.00E+00	6.97E-02	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	3.61E-01
774	CARTGRID	1	373200	3763500	NonCancerAcute	3.90E-02	4.00E-02	2.21E-01	0.00E+00	8.13E-08	8.29E-02	9.71E-02	0.00E+00	1.07E-01	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	2.21E-01
775	CARTGRID	1	373300	3763500	NonCancerAcute	3.68E-02	3.80E-02	2.30E-01	0.00E+00	1.26E-07	1.01E-01	1.48E-01	0.00E+00	1.60E-01	0.00E+00	0.00E+00	6.31E-02	0.00E+00	0.00E+00	2.30E-01
776	CARTGRID	1	373400	3763500	NonCancerAcute	4.20E-02	4.32E-02	2.48E-01	0.00E+00	1.32E-07	9.98E-02	1.55E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	5.70E-02	0.00E+00	0.00E+00	2.48E-01
777	CARTGRID	1	373500	3763500	NonCancerAcute	6.44E-02	6.56E-02	3.53E-01	0.00E+00	3.72E-07	1.23E-01	4.26E-01	0.00E+00	4.49E-01	0.00E+00	0.00E+00	5.79E-02	0.00E+00	0.00E+00	4.49E-01
778	CARTGRID	1	373600	3763500	NonCancerAcute	2.90E-02	3.00E-02	1.69E-01	0.00E+00	2.47E-07	6.73E-02	2.83E-01	0.00E+00	2.99E-01	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.99E-01
779	CARTGRID	1	373700	3763500	NonCancerAcute	2.58E-02	2.68E-02	1.55E-01	0.00E+00	7.69E-07	6.51E-02	8.73E-01	0.00E+00	9.09E-01	0.00E+00	0.00E+00	3.86E-02	0.00E+00	0.00E+00	9.09E-01
780	CARTGRID	1	373800	3763500	NonCancerAcute	2.24E-02	2.33E-02	1.35E-01	0.00E+00	3.81E-07	5.68E-02	4.35E-01	0.00E+00	4.55E-01	0.00E+00	0.00E+00	3.37E-02	0.00E+00	0.00E+00	4.55E-01
781	CARTGRID	1	373900	3763500	NonCancerAcute	1.93E-02	2.00E-02	1.15E-01	0.00E+00	1.28E-07	4.78E-02	1.48E-01	0.00E+00	1.58E-01	0.00E+00	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.58E-01
782	CARTGRID	1	374000	3763500	NonCancerAcute	1.42E-02	1.47E-02	8.47E-02	0.00E+00	4.09E-08	3.54E-02	4.90E-02	0.00E+00	5.41E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	8.47E-02
783	CARTGRID	1	374100	3763500	NonCancerAcute	1.21E-02	1.25E-02	7.10E-02	0.00E+00	2.62E-08	2.88E-02	3.18E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.10E-02
784	CARTGRID	1	374200	3763500	NonCancerAcute	1.11E-02	1.15E-02	6.48E-02	0.00E+00	2.50E-08	2.62E-02	3.02E-02	0.00E+00	3.38E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.48E-02
785	CARTGRID	1	374300	3763500	NonCancerAcute	1.12E-02	1.16E-02	6.52E-02	0.00E+00	2.65E-08	2.62E-02	3.19E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	6.52E-02
786	CARTGRID	1	374400	3763500	NonCancerAcute	1.04E-02	1.08E-02	6.08E-02	0.00E+00	2.71E-08	2.45E-02	3.25E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.08E-02
787	CARTGRID	1	374500	3763500	NonCancerAcute	9.75E-03	1.01E-02	5.64E-02	0.00E+00	2.73E-08	2.25E-02	3.26E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.64E-02
788	CARTGRID	1	374600	3763500	NonCancerAcute	8.69E-03	8.99E-03	4.99E-02	0.00E+00	2.55E-08	1.97E-02	3.03E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.99E-02
789	CARTGRID	1	374700	3763500	NonCancerAcute	7.89E-03	8.17E-03	4.60E-02	0.00E+00	1.78E-08	1.85E-02	2.16E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.60E-02
790	CARTGRID	1	374800	3763500	NonCancerAcute	7.55E-03	7.81E-03	4.37E-02	0.00E+00	1.68E-08	1.75E-02	2.03E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	9.71E-03	0.00E+00	0.00E+00	4.37E-02
791	CARTGRID	1	374900	3763500	NonCancerAcute	7.13E-03	7.38E-03	4.13E-02	0.00E+00	1.66E-08	1.65E-02	2.00E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	4.13E-02
792	CARTGRID	1	375000	3763500	NonCancerAcute	6.57E-03	6.80E-03	3.78E-02	0.00E+00	1.70E-08	1.50E-02	2.04E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	8.25E-03	0.00E+00	0.00E+00	3.78E-02
793	CARTGRID	1	371500	3763600	NonCancerAcute	4.70E-03	4.84E-03	2.60E-02	0.00E+00	5.57E-09	9.53E-03	7.02E-03	0.00E+00	8.16E-03	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	2.60E-02
794	CARTGRID	1	371600	3763600	NonCancerAcute	5.07E-03	5.21E-03	2.80E-02	0.00E+00	5.97E-09	1.03E-02	7.52E-03	0.00E+00	8.75E-03	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	2.80E-02
795	CARTGRID	1	371700	3763600	NonCancerAcute	5.53E-03	5.69E-03	3.05E-02	0.00E+00	6.43E-09	1.12E-02	8.10E-03	0.00E+00	9.42E-03	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	3.05E-02
796	CARTGRID	1	371800	3763600	NonCancerAcute	6.03E-03	6.20E-03	3.33E-02	0.00E+00	6.96E-09	1.22E-02	8.78E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	3.33E-02
797	CARTGRID	1	371900	3763600	NonCancerAcute	6.57E-03	6.76E-03	3.64E-02	0.00E+00	7.56E-09	1.34E-02	9.55E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	3.64E-02
798	CARTGRID	1	372000	3763600	NonCancerAcute	7.35E-03	7.56E-03	4.09E-02	0.00E+00	8.26E-09	1.51E-02	1.05E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	4.09E-02
799	CARTGRID	1	372100	3763600	NonCancerAcute	8.22E-03	8.46E-03	4.58E-02	0.00E+00	9.09E-09	1.69E-02	1.15E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	4.58E-02
800	CARTGRID	1	372200	3763600	NonCancerAcute	9.67E-03	9.95E-03	5.41E-02	0.00E+00	1.09E-08	2.02E-02	1.39E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.41E-02
801	CARTGRID	1	372300	3763600	NonCancerAcute	1.12E-02	1.15E-02	6.27E-02	0.00E+00	1.32E-08	2.36E-02	1.67E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	6.27E-02
802	CARTGRID	1	372400	3763600	NonCancerAcute	1.45E-02	1.50E-02	8.19E-02	0.00E+00	2.06E-08	3.11E-02	2.56E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	8.19E-02
803	CARTGRID	1	372500	3763600	NonCancerAcute	1.68E-02	1.73E-02	9.43E-02	0.00E+00	2.20E-08	3.57E-02	2.75E-02	0.00E+00	3.17E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	9.43E-02
804	CARTGRID	1	372600	3763600	NonCancerAcute	2.14E-02	2.20E-02	1.19E-01	0.00E+00	2.54E-08	4.39E-02	3.19E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.19E-01
805	CARTGRID	1	372700	3763600	NonCancerAcute	2.68E-02	2.75E-02	1.48E-01	0.00E+00	2.83E-08	5.38E-02	3.56E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.48E-01
806	CARTGRID	1	372800	3763600	NonCancerAcute	4.94E-02	5.02E-02	2.58E-01	0.00E+00	3.06E-08	8.17E-02	3.92E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	2.58E-01
807	CARTGRID	1	372900	3763600	NonCancerAcute	3.98E-02	4.06E-02	2.15E-01	0.00E+00	3.44E-08	7.39E-02	4.35E-02	0.00E+00	4.99E-02	0.00E+00	0.00E+00	3.35E-02	0.00E+00	0.00E+00	2.15E-01
808	CARTGRID	1	373000	3763600	NonCancerAcute	3.40E-02	3.49E-02	1.89E-01	0.00E+00	4.20E-08	6.96E-02	5.22E-02	0.00E+00	5.94E-02	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.89E-01
809	CARTGRID	1	373100	3763600	NonCancerAcute	4.42E-02	4.50E-02	2.38E-01	0.00E+00	4.57E-08	8.05E-02	5.62E-02	0.00E+00	6.31E-02	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.38E-01
810	CARTGRID	1	373200	3763600	NonCancerAcute	9.32E-02	9.42E-02	4.74E-01	0.00E+00	5.63E-08	1.39E-01	6.97E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	4.48E-02	0.00E+00	0.00E+00	4.74E-01

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
811	CARTGRID	1	373300	3763600	NonCancerAcute	6.12E-02	6.22E-02	3.38E-01	0.00E+00	7.14E-08	1.20E-01	8.63E-02	0.00E+00	9.50E-02	0.00E+00	0.00E+00	5.79E-02	0.00E+00	0.00E+00	3.38E-01
812	CARTGRID	1	373400	3763600	NonCancerAcute	8.56E-02	8.67E-02	4.53E-01	0.00E+00	8.78E-08	1.45E-01	1.05E-01	0.00E+00	1.15E-01	0.00E+00	0.00E+00	5.91E-02	0.00E+00	0.00E+00	4.53E-01
813	CARTGRID	1	373500	3763600	NonCancerAcute	4.07E-02	4.15E-02	2.28E-01	0.00E+00	1.44E-07	8.32E-02	1.67E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	4.20E-02	0.00E+00	0.00E+00	2.28E-01
814	CARTGRID	1	373600	3763600	NonCancerAcute	2.48E-02	2.55E-02	1.44E-01	0.00E+00	8.46E-08	5.68E-02	9.92E-02	0.00E+00	1.07E-01	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.44E-01
815	CARTGRID	1	373700	3763600	NonCancerAcute	2.28E-02	2.37E-02	1.35E-01	0.00E+00	5.63E-07	5.47E-02	6.40E-01	0.00E+00	6.67E-01	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	6.67E-01
816	CARTGRID	1	373800	3763600	NonCancerAcute	1.91E-02	1.98E-02	1.13E-01	0.00E+00	4.43E-07	4.66E-02	5.03E-01	0.00E+00	5.25E-01	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	5.25E-01
817	CARTGRID	1	373900	3763600	NonCancerAcute	1.81E-02	1.88E-02	1.07E-01	0.00E+00	2.27E-07	4.44E-02	2.59E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	2.73E-01
818	CARTGRID	1	374000	3763600	NonCancerAcute	1.31E-02	1.36E-02	7.70E-02	0.00E+00	7.73E-08	3.14E-02	8.98E-02	0.00E+00	9.59E-02	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	9.59E-02
819	CARTGRID	1	374100	3763600	NonCancerAcute	1.12E-02	1.16E-02	6.54E-02	0.00E+00	3.36E-08	2.62E-02	4.00E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	6.54E-02
820	CARTGRID	1	374200	3763600	NonCancerAcute	1.06E-02	1.09E-02	6.16E-02	0.00E+00	2.41E-08	2.48E-02	2.91E-02	0.00E+00	3.25E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.16E-02
821	CARTGRID	1	374300	3763600	NonCancerAcute	1.15E-02	1.19E-02	6.61E-02	0.00E+00	2.86E-08	2.58E-02	3.42E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.61E-02
822	CARTGRID	1	374400	3763600	NonCancerAcute	1.10E-02	1.14E-02	6.26E-02	0.00E+00	2.91E-08	2.40E-02	3.46E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.26E-02
823	CARTGRID	1	374500	3763600	NonCancerAcute	9.26E-03	9.56E-03	5.27E-02	0.00E+00	2.70E-08	2.04E-02	3.21E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.27E-02
824	CARTGRID	1	374600	3763600	NonCancerAcute	7.26E-03	7.52E-03	4.14E-02	0.00E+00	2.34E-08	1.62E-02	2.78E-02	0.00E+00	3.05E-02	0.00E+00	0.00E+00	8.72E-03	0.00E+00	0.00E+00	4.14E-02
825	CARTGRID	1	374700	3763600	NonCancerAcute	7.86E-03	8.14E-03	4.55E-02	0.00E+00	1.85E-08	1.81E-02	2.23E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.55E-02
826	CARTGRID	1	374800	3763600	NonCancerAcute	7.28E-03	7.53E-03	4.22E-02	0.00E+00	1.67E-08	1.69E-02	2.01E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	4.22E-02
827	CARTGRID	1	374900	3763600	NonCancerAcute	7.00E-03	7.24E-03	4.03E-02	0.00E+00	1.61E-08	1.60E-02	1.95E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	8.76E-03	0.00E+00	0.00E+00	4.03E-02
828	CARTGRID	1	375000	3763600	NonCancerAcute	6.60E-03	6.83E-03	3.78E-02	0.00E+00	1.67E-08	1.48E-02	2.01E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	8.03E-03	0.00E+00	0.00E+00	3.78E-02
829	CARTGRID	1	371500	3763700	NonCancerAcute	4.56E-03	4.70E-03	2.54E-02	0.00E+00	5.79E-09	9.42E-03	7.27E-03	0.00E+00	8.42E-03	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	2.54E-02
830	CARTGRID	1	371600	3763700	NonCancerAcute	5.00E-03	5.15E-03	2.78E-02	0.00E+00	6.16E-09	1.03E-02	7.74E-03	0.00E+00	8.98E-03	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	2.78E-02
831	CARTGRID	1	371700	3763700	NonCancerAcute	5.46E-03	5.62E-03	3.04E-02	0.00E+00	6.57E-09	1.13E-02	8.27E-03	0.00E+00	9.62E-03	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	3.04E-02
832	CARTGRID	1	371800	3763700	NonCancerAcute	5.96E-03	6.14E-03	3.32E-02	0.00E+00	6.99E-09	1.23E-02	8.83E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	3.32E-02
833	CARTGRID	1	371900	3763700	NonCancerAcute	6.55E-03	6.75E-03	3.66E-02	0.00E+00	7.53E-09	1.37E-02	9.54E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	3.66E-02
834	CARTGRID	1	372000	3763700	NonCancerAcute	7.25E-03	7.47E-03	4.07E-02	0.00E+00	8.23E-09	1.53E-02	1.04E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	7.88E-03	0.00E+00	0.00E+00	4.07E-02
835	CARTGRID	1	372100	3763700	NonCancerAcute	8.29E-03	8.53E-03	4.66E-02	0.00E+00	9.12E-09	1.76E-02	1.16E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	9.10E-03	0.00E+00	0.00E+00	4.66E-02
836	CARTGRID	1	372200	3763700	NonCancerAcute	9.51E-03	9.81E-03	5.39E-02	0.00E+00	1.05E-08	2.07E-02	1.34E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.39E-02
837	CARTGRID	1	372300	3763700	NonCancerAcute	1.11E-02	1.14E-02	6.33E-02	0.00E+00	1.24E-08	2.46E-02	1.59E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.33E-02
838	CARTGRID	1	372400	3763700	NonCancerAcute	1.53E-02	1.58E-02	8.73E-02	0.00E+00	2.08E-08	3.37E-02	2.60E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	8.73E-02
839	CARTGRID	1	372500	3763700	NonCancerAcute	1.86E-02	1.92E-02	1.06E-01	0.00E+00	2.26E-08	4.12E-02	2.85E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.06E-01
840	CARTGRID	1	372600	3763700	NonCancerAcute	2.20E-02	2.26E-02	1.23E-01	0.00E+00	2.48E-08	4.59E-02	3.13E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.23E-01
841	CARTGRID	1	372700	3763700	NonCancerAcute	2.97E-02	3.04E-02	1.64E-01	0.00E+00	2.62E-08	5.87E-02	3.34E-02	0.00E+00	3.89E-02	0.00E+00	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.64E-01
842	CARTGRID	1	372800	3763700	NonCancerAcute	5.41E-02	5.49E-02	2.83E-01	0.00E+00	2.73E-08	8.95E-02	3.58E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	2.83E-01
843	CARTGRID	1	372900	3763700	NonCancerAcute	3.09E-02	3.17E-02	1.73E-01	0.00E+00	3.34E-08	6.45E-02	4.21E-02	0.00E+00	4.85E-02	0.00E+00	0.00E+00	3.30E-02	0.00E+00	0.00E+00	1.73E-01
844	CARTGRID	1	373000	3763700	NonCancerAcute	2.80E-02	2.87E-02	1.58E-01	0.00E+00	3.80E-08	5.94E-02	4.71E-02	0.00E+00	5.36E-02	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	1.58E-01
845	CARTGRID	1	373100	3763700	NonCancerAcute	2.86E-02	2.94E-02	1.60E-01	0.00E+00	3.53E-08	5.98E-02	4.39E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	1.60E-01
846	CARTGRID	1	373200	3763700	NonCancerAcute	3.66E-02	3.75E-02	2.02E-01	0.00E+00	5.15E-08	7.26E-02	6.27E-02	0.00E+00	7.00E-02	0.00E+00	0.00E+00	3.53E-02	0.00E+00	0.00E+00	2.02E-01
847	CARTGRID	1	373300	3763700	NonCancerAcute	3.78E-02	3.87E-02	2.13E-01	0.00E+00	6.12E-08	7.95E-02	7.41E-02	0.00E+00	8.25E-02	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.13E-01
848	CARTGRID	1	373400	3763700	NonCancerAcute	3.49E-02	3.58E-02	1.98E-01	0.00E+00	7.45E-08	7.47E-02	8.87E-02	0.00E+00	9.71E-02	0.00E+00	0.00E+00	3.92E-02	0.00E+00	0.00E+00	1.98E-01
849	CARTGRID	1	373500	3763700	NonCancerAcute	2.52E-02	2.58E-02	1.44E-01	0.00E+00	6.17E-08	5.53E-02	7.30E-02	0.00E+00	7.96E-02	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.44E-01
850	CARTGRID	1	373600	3763700	NonCancerAcute	2.13E-02	2.19E-02	1.21E-01	0.00E+00	6.53E-08	4.55E-02	7.66E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	2.38E-02	0.00E+00	0.00E+00	1.21E-01
851	CARTGRID	1	373700	3763700	NonCancerAcute	1.91E-02	1.97E-02	1.11E-01	0.00E+00	3.44E-07	4.38E-02	3.91E-01	0.00E+00	4.09E-01	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	4.09E-01
852	CARTGRID	1	373800	3763700	NonCancerAcute	1.76E-02	1.82E-02	1.03E-01	0.00E+00	2.60E-07	4.11E-02	2.96E-01	0.00E+00	3.10E-01	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	3.10E-01
853	CARTGRID	1	373900	3763700	NonCancerAcute	1.50E-02	1.55E-02	8.74E-02	0.00E+00	1.31E-07	3.52E-02	1.50E-01	0.00E+00	1.59E-01	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.59E-01
854	CARTGRID	1	374000	3763700	NonCancerAcute	1.27E-02	1.31E-02	7.44E-02	0.00E+00	8.06E-08	3.03E-02	9.33E-02	0.00E+00	9.94E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	9.94E-02
855	CARTGRID	1	374100	3763700	NonCancerAcute	1.16E-02	1.20E-02	6.74E-02	0.00E+00	4.67E-08	2.69E-02	5.47E-02	0.00E+00	5.92E-02	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.74E-02
856	CARTGRID	1	374200	3763700	NonCancerAcute	1.03E-02	1.06E-02	5.92E-02	0.00E+00	2.62E-08	2.33E-02	3.14E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.92E-02
857	CARTGRID	1	374300	3763700	NonCancerAcute	9.35E-03	9.68E-03	5.43E-02	0.00E+00	2.18E-08	2.18E-02	2.63E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.43E-02
858	CARTGRID	1	374400	3763700	NonCancerAcute	9.85E-03	1.02E-02	5.66E-02	0.00E+00	2.51E-08	2.23E-02	3.00E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.66E-02
859	CARTGRID	1	374500	3763700	NonCancerAcute	8.77E-03	9.06E-03	5.02E-02	0.00E+00	2.72E-08	1.97E-02	3.22E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.02E-02
860	CARTGRID	1	374600	3763700	NonCancerAcute	6.77E-03	7.01E-03	3.82E-02	0.00E+00	1.90E-08	1.47E-02	2.26E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	3.82E-02
861	CARTGRID	1	374700	3763700	NonCancerAcute	7.80E-03	8.07E-03	4.49E-02	0.00E+00	2.03E-08	1.78E-02	2.43E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	4.49E-02
862	CARTGRID	1	374800	3763700	NonCancerAcute	7.18E-03	7.44E-03	4.14E-02	0.00E+00	1.79E-08	1.65E-02	2.16E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	9.07E-03	0.00E+00	0.00E+00	4.14E-02
863	CARTGRID	1	374900	3763700	NonCancerAcute	6.87E-03	7.11E-03	3.95E-02	0.00E+00	1.66E-08	1.55E-02	2.00E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	8.49E-03	0.00E+00	0.00E+00	3.95E-02
864	CARTGRID	1	375000	3763700	NonCancerAcute	6.35E-03	6.57E-03	3.64E-02	0.00E+00	1.61E-08	1.44E-02	1.94E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	3.64E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
865	CARTGRID	1	371500	3763800	NonCancerAcute	4.53E-03	4.67E-03	2.53E-02	0.00E+00	5.77E-09	9.50E-03	7.25E-03	0.00E+00	8.40E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	2.53E-02
866	CARTGRID	1	371600	3763800	NonCancerAcute	4.93E-03	5.08E-03	2.76E-02	0.00E+00	6.17E-09	1.04E-02	7.76E-03	0.00E+00	9.00E-03	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.76E-02
867	CARTGRID	1	371700	3763800	NonCancerAcute	5.38E-03	5.54E-03	3.01E-02	0.00E+00	6.60E-09	1.13E-02	8.31E-03	0.00E+00	9.64E-03	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	3.01E-02
868	CARTGRID	1	371800	3763800	NonCancerAcute	5.98E-03	6.15E-03	3.34E-02	0.00E+00	7.05E-09	1.25E-02	8.89E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	3.34E-02
869	CARTGRID	1	371900	3763800	NonCancerAcute	6.67E-03	6.87E-03	3.74E-02	0.00E+00	7.52E-09	1.40E-02	9.53E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	3.74E-02
870	CARTGRID	1	372000	3763800	NonCancerAcute	7.36E-03	7.59E-03	4.15E-02	0.00E+00	8.10E-09	1.57E-02	1.03E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	4.15E-02
871	CARTGRID	1	372100	3763800	NonCancerAcute	8.31E-03	8.57E-03	4.72E-02	0.00E+00	8.93E-09	1.82E-02	1.15E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	9.69E-03	0.00E+00	0.00E+00	4.72E-02
872	CARTGRID	1	372200	3763800	NonCancerAcute	9.65E-03	9.97E-03	5.56E-02	0.00E+00	1.00E-08	2.20E-02	1.30E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.56E-02
873	CARTGRID	1	372300	3763800	NonCancerAcute	1.24E-02	1.28E-02	7.22E-02	0.00E+00	1.33E-08	2.92E-02	1.73E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.22E-02
874	CARTGRID	1	372400	3763800	NonCancerAcute	1.58E-02	1.63E-02	9.00E-02	0.00E+00	2.00E-08	3.47E-02	2.52E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	9.00E-02
875	CARTGRID	1	372500	3763800	NonCancerAcute	2.14E-02	2.20E-02	1.20E-01	0.00E+00	2.14E-08	4.43E-02	2.72E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.20E-01
876	CARTGRID	1	372600	3763800	NonCancerAcute	2.72E-02	2.78E-02	1.50E-01	0.00E+00	2.31E-08	5.39E-02	2.97E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.50E-01
877	CARTGRID	1	372700	3763800	NonCancerAcute	4.10E-02	4.18E-02	2.18E-01	0.00E+00	2.37E-08	7.23E-02	3.11E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	3.07E-02	0.00E+00	0.00E+00	2.18E-01
878	CARTGRID	1	372800	3763800	NonCancerAcute	3.42E-02	3.51E-02	1.88E-01	0.00E+00	2.68E-08	6.75E-02	3.48E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.88E-01
879	CARTGRID	1	372900	3763800	NonCancerAcute	2.67E-02	2.75E-02	1.52E-01	0.00E+00	3.26E-08	5.87E-02	4.11E-02	0.00E+00	4.77E-02	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.52E-01
880	CARTGRID	1	373000	3763800	NonCancerAcute	2.41E-02	2.49E-02	1.40E-01	0.00E+00	3.46E-08	5.64E-02	4.33E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.16E-02	0.00E+00	0.00E+00	1.40E-01
881	CARTGRID	1	373100	3763800	NonCancerAcute	2.27E-02	2.35E-02	1.31E-01	0.00E+00	2.75E-08	5.19E-02	3.48E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.31E-01
882	CARTGRID	1	373200	3763800	NonCancerAcute	2.46E-02	2.54E-02	1.42E-01	0.00E+00	4.23E-08	5.59E-02	5.17E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.42E-01
883	CARTGRID	1	373300	3763800	NonCancerAcute	2.79E-02	2.87E-02	1.60E-01	0.00E+00	5.36E-08	6.19E-02	6.47E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	1.60E-01
884	CARTGRID	1	373400	3763800	NonCancerAcute	2.36E-02	2.43E-02	1.36E-01	0.00E+00	5.61E-08	5.31E-02	6.69E-02	0.00E+00	7.36E-02	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.36E-01
885	CARTGRID	1	373500	3763800	NonCancerAcute	1.92E-02	1.97E-02	1.10E-01	0.00E+00	4.64E-08	4.22E-02	5.51E-02	0.00E+00	6.02E-02	0.00E+00	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.10E-01
886	CARTGRID	1	373600	3763800	NonCancerAcute	1.74E-02	1.79E-02	9.91E-02	0.00E+00	5.30E-08	3.77E-02	6.24E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	9.91E-02
887	CARTGRID	1	373700	3763800	NonCancerAcute	1.65E-02	1.70E-02	9.43E-02	0.00E+00	1.81E-07	3.66E-02	2.07E-01	0.00E+00	2.18E-01	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	2.18E-01
888	CARTGRID	1	373800	3763800	NonCancerAcute	1.59E-02	1.65E-02	9.28E-02	0.00E+00	1.28E-07	3.71E-02	1.47E-01	0.00E+00	1.56E-01	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.56E-01
889	CARTGRID	1	373900	3763800	NonCancerAcute	1.36E-02	1.40E-02	7.84E-02	0.00E+00	7.22E-08	3.08E-02	8.38E-02	0.00E+00	8.95E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	8.95E-02
890	CARTGRID	1	374000	3763800	NonCancerAcute	1.32E-02	1.36E-02	7.61E-02	0.00E+00	5.79E-08	2.99E-02	6.76E-02	0.00E+00	7.26E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.61E-02
891	CARTGRID	1	374100	3763800	NonCancerAcute	1.25E-02	1.29E-02	7.16E-02	0.00E+00	4.64E-08	2.79E-02	5.44E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	7.16E-02
892	CARTGRID	1	374200	3763800	NonCancerAcute	9.88E-03	1.02E-02	5.69E-02	0.00E+00	2.55E-08	2.24E-02	3.04E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.69E-02
893	CARTGRID	1	374300	3763800	NonCancerAcute	9.39E-03	9.70E-03	5.40E-02	0.00E+00	2.19E-08	2.12E-02	2.64E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.40E-02
894	CARTGRID	1	374400	3763800	NonCancerAcute	9.07E-03	9.37E-03	5.19E-02	0.00E+00	2.06E-08	2.03E-02	2.48E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.19E-02
895	CARTGRID	1	374500	3763800	NonCancerAcute	8.78E-03	9.07E-03	5.02E-02	0.00E+00	2.07E-08	1.96E-02	2.49E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.02E-02
896	CARTGRID	1	374600	3763800	NonCancerAcute	6.51E-03	6.74E-03	3.68E-02	0.00E+00	1.93E-08	1.42E-02	2.30E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	3.68E-02
897	CARTGRID	1	374700	3763800	NonCancerAcute	6.02E-03	6.23E-03	3.43E-02	0.00E+00	2.07E-08	1.34E-02	2.45E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	3.43E-02
898	CARTGRID	1	374800	3763800	NonCancerAcute	6.84E-03	7.08E-03	3.95E-02	0.00E+00	1.85E-08	1.57E-02	2.22E-02	0.00E+00	2.45E-02	0.00E+00	0.00E+00	8.68E-03	0.00E+00	0.00E+00	3.95E-02
899	CARTGRID	1	374900	3763800	NonCancerAcute	6.38E-03	6.61E-03	3.69E-02	0.00E+00	1.55E-08	1.47E-02	1.87E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	3.69E-02
900	CARTGRID	1	375000	3763800	NonCancerAcute	6.10E-03	6.32E-03	3.52E-02	0.00E+00	1.53E-08	1.40E-02	1.84E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	3.52E-02
901	CARTGRID	1	371500	3763900	NonCancerAcute	4.50E-03	4.64E-03	2.53E-02	0.00E+00	5.62E-09	9.51E-03	7.07E-03	0.00E+00	8.21E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.53E-02
902	CARTGRID	1	371600	3763900	NonCancerAcute	4.96E-03	5.11E-03	2.78E-02	0.00E+00	6.04E-09	1.04E-02	7.61E-03	0.00E+00	8.84E-03	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	2.78E-02
903	CARTGRID	1	371700	3763900	NonCancerAcute	5.43E-03	5.59E-03	3.05E-02	0.00E+00	6.48E-09	1.15E-02	8.18E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	3.05E-02
904	CARTGRID	1	371800	3763900	NonCancerAcute	5.89E-03	6.07E-03	3.32E-02	0.00E+00	6.91E-09	1.26E-02	8.75E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	3.32E-02
905	CARTGRID	1	371900	3763900	NonCancerAcute	6.57E-03	6.77E-03	3.71E-02	0.00E+00	7.33E-09	1.41E-02	9.34E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	7.39E-03	0.00E+00	0.00E+00	3.71E-02
906	CARTGRID	1	372000	3763900	NonCancerAcute	7.30E-03	7.53E-03	4.14E-02	0.00E+00	7.85E-09	1.59E-02	1.01E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	4.14E-02
907	CARTGRID	1	372100	3763900	NonCancerAcute	8.58E-03	8.86E-03	4.92E-02	0.00E+00	8.90E-09	1.93E-02	1.15E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.92E-02
908	CARTGRID	1	372200	3763900	NonCancerAcute	1.00E-02	1.04E-02	5.84E-02	0.00E+00	9.78E-09	2.35E-02	1.29E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.84E-02
909	CARTGRID	1	372300	3763900	NonCancerAcute	1.19E-02	1.23E-02	6.92E-02	0.00E+00	1.10E-08	2.77E-02	1.45E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.92E-02
910	CARTGRID	1	372400	3763900	NonCancerAcute	1.54E-02	1.59E-02	8.83E-02	0.00E+00	1.63E-08	3.48E-02	2.10E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	8.83E-02
911	CARTGRID	1	372500	3763900	NonCancerAcute	2.06E-02	2.12E-02	1.16E-01	0.00E+00	1.90E-08	4.35E-02	2.46E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.16E-01
912	CARTGRID	1	372600	3763900	NonCancerAcute	3.16E-02	3.23E-02	1.70E-01	0.00E+00	2.30E-08	5.77E-02	2.96E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.70E-01
913	CARTGRID	1	372700	3763900	NonCancerAcute	7.64E-02	7.72E-02	3.85E-01	0.00E+00	2.24E-08	1.10E-01	3.05E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	3.27E-02	0.00E+00	0.00E+00	3.85E-01
914	CARTGRID	1	372800	3763900	NonCancerAcute	3.12E-02	3.20E-02	1.73E-01	0.00E+00	2.64E-08	6.28E-02	3.41E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.73E-01
915	CARTGRID	1	372900	3763900	NonCancerAcute	2.30E-02	2.37E-02	1.30E-01	0.00E+00	2.62E-08	4.97E-02	3.33E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.30E-01
916	CARTGRID	1	373000	3763900	NonCancerAcute	2.07E-02	2.14E-02	1.20E-01	0.00E+00	2.61E-08	4.81E-02	3.31E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.20E-01
917	CARTGRID	1	373100	3763900	NonCancerAcute	1.83E-02	1.89E-02	1.08E-01	0.00E+00	2.52E-08	4.50E-02	3.19E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.08E-01
918	CARTGRID	1	373200	3763900	NonCancerAcute	2.06E-02	2.13E-02	1.20E-01	0.00E+00	3.69E-08	4.82E-02	4.52E-02	0.00E+00	5.11E-02	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.20E-01

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
919	CARTGRID	1	373300	3763900	NonCancerAcute	2.11E-02	2.18E-02	1.23E-01	0.00E+00	4.58E-08	4.92E-02	5.54E-02	0.00E+00	6.17E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.23E-01
920	CARTGRID	1	373400	3763900	NonCancerAcute	1.87E-02	1.93E-02	1.07E-01	0.00E+00	3.90E-08	4.12E-02	4.69E-02	0.00E+00	5.20E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.07E-01
921	CARTGRID	1	373500	3763900	NonCancerAcute	1.57E-02	1.62E-02	9.00E-02	0.00E+00	3.79E-08	3.47E-02	4.51E-02	0.00E+00	4.95E-02	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	9.00E-02
922	CARTGRID	1	373600	3763900	NonCancerAcute	1.60E-02	1.64E-02	9.02E-02	0.00E+00	4.67E-08	3.41E-02	5.50E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	9.02E-02
923	CARTGRID	1	373700	3763900	NonCancerAcute	1.53E-02	1.58E-02	8.71E-02	0.00E+00	7.00E-08	3.32E-02	8.14E-02	0.00E+00	8.72E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	8.72E-02
924	CARTGRID	1	373800	3763900	NonCancerAcute	1.44E-02	1.49E-02	8.26E-02	0.00E+00	5.78E-08	3.21E-02	6.76E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	8.26E-02
925	CARTGRID	1	373900	3763900	NonCancerAcute	1.21E-02	1.25E-02	6.99E-02	0.00E+00	4.31E-08	2.75E-02	5.07E-02	0.00E+00	5.50E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.99E-02
926	CARTGRID	1	374000	3763900	NonCancerAcute	1.23E-02	1.27E-02	7.10E-02	0.00E+00	4.42E-08	2.82E-02	5.19E-02	0.00E+00	5.63E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	7.10E-02
927	CARTGRID	1	374100	3763900	NonCancerAcute	1.14E-02	1.18E-02	6.56E-02	0.00E+00	3.65E-08	2.57E-02	4.31E-02	0.00E+00	4.70E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.56E-02
928	CARTGRID	1	374200	3763900	NonCancerAcute	9.38E-03	9.68E-03	5.39E-02	0.00E+00	2.23E-08	2.11E-02	2.68E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.39E-02
929	CARTGRID	1	374300	3763900	NonCancerAcute	9.84E-03	1.02E-02	5.62E-02	0.00E+00	2.36E-08	2.18E-02	2.83E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.62E-02
930	CARTGRID	1	374400	3763900	NonCancerAcute	9.60E-03	9.90E-03	5.43E-02	0.00E+00	2.53E-08	2.08E-02	3.01E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.43E-02
931	CARTGRID	1	374500	3763900	NonCancerAcute	9.16E-03	9.44E-03	5.18E-02	0.00E+00	2.27E-08	1.98E-02	2.71E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.18E-02
932	CARTGRID	1	374600	3763900	NonCancerAcute	6.48E-03	6.69E-03	3.62E-02	0.00E+00	1.65E-08	1.36E-02	1.97E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	3.62E-02
933	CARTGRID	1	374700	3763900	NonCancerAcute	6.15E-03	6.37E-03	3.49E-02	0.00E+00	2.06E-08	1.35E-02	2.43E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	3.49E-02
934	CARTGRID	1	374800	3763900	NonCancerAcute	7.00E-03	7.23E-03	4.00E-02	0.00E+00	1.67E-08	1.56E-02	2.00E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	4.00E-02
935	CARTGRID	1	374900	3763900	NonCancerAcute	6.50E-03	6.72E-03	3.72E-02	0.00E+00	1.64E-08	1.46E-02	1.96E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	3.72E-02
936	CARTGRID	1	375000	3763900	NonCancerAcute	5.84E-03	6.04E-03	3.34E-02	0.00E+00	1.66E-08	1.31E-02	1.98E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	7.06E-03	0.00E+00	0.00E+00	3.34E-02
937	CARTGRID	1	371500	3764000	NonCancerAcute	4.51E-03	4.64E-03	2.52E-02	0.00E+00	5.54E-09	9.46E-03	6.97E-03	0.00E+00	8.10E-03	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	2.52E-02
938	CARTGRID	1	371600	3764000	NonCancerAcute	4.92E-03	5.07E-03	2.76E-02	0.00E+00	5.81E-09	1.03E-02	7.35E-03	0.00E+00	8.57E-03	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.76E-02
939	CARTGRID	1	371700	3764000	NonCancerAcute	5.37E-03	5.54E-03	3.02E-02	0.00E+00	6.26E-09	1.14E-02	7.93E-03	0.00E+00	9.25E-03	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	3.02E-02
940	CARTGRID	1	371800	3764000	NonCancerAcute	5.87E-03	6.05E-03	3.31E-02	0.00E+00	6.70E-09	1.25E-02	8.51E-03	0.00E+00	9.96E-03	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	3.31E-02
941	CARTGRID	1	371900	3764000	NonCancerAcute	6.49E-03	6.69E-03	3.68E-02	0.00E+00	7.10E-09	1.41E-02	9.09E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	3.68E-02
942	CARTGRID	1	372000	3764000	NonCancerAcute	7.41E-03	7.64E-03	4.22E-02	0.00E+00	7.61E-09	1.64E-02	9.83E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	8.76E-03	0.00E+00	0.00E+00	4.22E-02
943	CARTGRID	1	372100	3764000	NonCancerAcute	9.12E-03	9.43E-03	5.26E-02	0.00E+00	8.95E-09	2.08E-02	1.17E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.26E-02
944	CARTGRID	1	372200	3764000	NonCancerAcute	1.10E-02	1.14E-02	6.49E-02	0.00E+00	1.06E-08	2.67E-02	1.41E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.49E-02
945	CARTGRID	1	372300	3764000	NonCancerAcute	1.30E-02	1.35E-02	7.62E-02	0.00E+00	1.28E-08	3.11E-02	1.69E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	7.62E-02
946	CARTGRID	1	372400	3764000	NonCancerAcute	1.68E-02	1.73E-02	9.52E-02	0.00E+00	1.39E-08	3.66E-02	1.84E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	9.52E-02
947	CARTGRID	1	372500	3764000	NonCancerAcute	2.31E-02	2.37E-02	1.29E-01	0.00E+00	1.85E-08	4.73E-02	2.42E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.29E-01
948	CARTGRID	1	372600	3764000	NonCancerAcute	4.53E-02	4.60E-02	2.37E-01	0.00E+00	2.11E-08	7.56E-02	2.81E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	2.98E-02	0.00E+00	0.00E+00	2.37E-01
949	CARTGRID	1	372700	3764000	NonCancerAcute	6.02E-02	6.10E-02	3.08E-01	0.00E+00	2.21E-08	9.17E-02	2.96E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	3.08E-01
950	CARTGRID	1	372800	3764000	NonCancerAcute	2.87E-02	2.95E-02	1.61E-01	0.00E+00	2.48E-08	6.04E-02	3.23E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.61E-01
951	CARTGRID	1	372900	3764000	NonCancerAcute	2.18E-02	2.26E-02	1.28E-01	0.00E+00	2.77E-08	5.26E-02	3.54E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.28E-01
952	CARTGRID	1	373000	3764000	NonCancerAcute	1.78E-02	1.84E-02	1.04E-01	0.00E+00	2.13E-08	4.17E-02	2.72E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.04E-01
953	CARTGRID	1	373100	3764000	NonCancerAcute	1.58E-02	1.64E-02	9.31E-02	0.00E+00	2.19E-08	3.80E-02	2.76E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	9.31E-02
954	CARTGRID	1	373200	3764000	NonCancerAcute	1.74E-02	1.80E-02	1.01E-01	0.00E+00	2.93E-08	3.99E-02	3.61E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.01E-01
955	CARTGRID	1	373300	3764000	NonCancerAcute	1.62E-02	1.67E-02	9.41E-02	0.00E+00	2.92E-08	3.77E-02	3.58E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	9.41E-02
956	CARTGRID	1	373400	3764000	NonCancerAcute	1.50E-02	1.55E-02	8.53E-02	0.00E+00	2.92E-08	3.25E-02	3.53E-02	0.00E+00	3.92E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	8.53E-02
957	CARTGRID	1	373500	3764000	NonCancerAcute	1.39E-02	1.43E-02	7.90E-02	0.00E+00	3.20E-08	3.00E-02	3.82E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	7.90E-02
958	CARTGRID	1	373600	3764000	NonCancerAcute	1.36E-02	1.40E-02	7.68E-02	0.00E+00	3.73E-08	2.90E-02	4.41E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	7.68E-02
959	CARTGRID	1	373700	3764000	NonCancerAcute	1.39E-02	1.43E-02	7.92E-02	0.00E+00	4.35E-08	3.04E-02	5.12E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	7.92E-02
960	CARTGRID	1	373800	3764000	NonCancerAcute	1.40E-02	1.44E-02	7.99E-02	0.00E+00	3.79E-08	3.07E-02	4.49E-02	0.00E+00	4.91E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.99E-02
961	CARTGRID	1	373900	3764000	NonCancerAcute	1.17E-02	1.21E-02	6.69E-02	0.00E+00	3.19E-08	2.58E-02	3.79E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.69E-02
962	CARTGRID	1	374000	3764000	NonCancerAcute	1.21E-02	1.24E-02	6.88E-02	0.00E+00	3.56E-08	2.66E-02	4.22E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.88E-02
963	CARTGRID	1	374100	3764000	NonCancerAcute	1.06E-02	1.10E-02	6.13E-02	0.00E+00	2.94E-08	2.41E-02	3.50E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.13E-02
964	CARTGRID	1	374200	3764000	NonCancerAcute	8.53E-03	8.82E-03	4.95E-02	0.00E+00	2.00E-08	1.98E-02	2.40E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.95E-02
965	CARTGRID	1	374300	3764000	NonCancerAcute	8.69E-03	8.97E-03	5.00E-02	0.00E+00	2.13E-08	1.97E-02	2.56E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.00E-02
966	CARTGRID	1	374400	3764000	NonCancerAcute	8.55E-03	8.83E-03	4.86E-02	0.00E+00	2.48E-08	1.87E-02	2.94E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	9.96E-03	0.00E+00	0.00E+00	4.86E-02
967	CARTGRID	1	374500	3764000	NonCancerAcute	6.48E-03	6.70E-03	3.63E-02	0.00E+00	1.85E-08	1.38E-02	2.19E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	3.63E-02
968	CARTGRID	1	374600	3764000	NonCancerAcute	5.98E-03	6.16E-03	3.32E-02	0.00E+00	1.52E-08	1.24E-02	1.81E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	3.32E-02
969	CARTGRID	1	374700	3764000	NonCancerAcute	5.86E-03	6.06E-03	3.30E-02	0.00E+00	1.83E-08	1.26E-02	2.17E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	3.30E-02
970	CARTGRID	1	374800	3764000	NonCancerAcute	7.16E-03	7.39E-03	4.05E-02	0.00E+00	1.71E-08	1.55E-02	2.05E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	8.14E-03	0.00E+00	0.00E+00	4.05E-02
971	CARTGRID	1	374900	3764000	NonCancerAcute	6.48E-03	6.70E-03	3.68E-02	0.00E+00	1.69E-08	1.43E-02	2.02E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	3.68E-02
972	CARTGRID	1	375000	3764000	NonCancerAcute	6.00E-03	6.20E-03	3.41E-02	0.00E+00	1.60E-08	1.32E-02	1.91E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	3.41E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
973	CARTGRID	1	371500	3764100	NonCancerAcute	4.47E-03	4.60E-03	2.49E-02	0.00E+00	5.42E-09	9.27E-03	6.82E-03	0.00E+00	7.93E-03	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	2.49E-02
974	CARTGRID	1	371600	3764100	NonCancerAcute	4.84E-03	4.99E-03	2.71E-02	0.00E+00	5.68E-09	1.02E-02	7.19E-03	0.00E+00	8.39E-03	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.71E-02
975	CARTGRID	1	371700	3764100	NonCancerAcute	5.30E-03	5.46E-03	2.97E-02	0.00E+00	6.03E-09	1.12E-02	7.65E-03	0.00E+00	8.95E-03	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	2.97E-02
976	CARTGRID	1	371800	3764100	NonCancerAcute	5.83E-03	6.01E-03	3.28E-02	0.00E+00	6.36E-09	1.24E-02	8.12E-03	0.00E+00	9.55E-03	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	3.28E-02
977	CARTGRID	1	371900	3764100	NonCancerAcute	6.68E-03	6.88E-03	3.78E-02	0.00E+00	6.68E-09	1.44E-02	8.63E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	3.78E-02
978	CARTGRID	1	372000	3764100	NonCancerAcute	7.52E-03	7.76E-03	4.31E-02	0.00E+00	7.37E-09	1.68E-02	9.60E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	9.10E-03	0.00E+00	0.00E+00	4.31E-02
979	CARTGRID	1	372100	3764100	NonCancerAcute	8.92E-03	9.24E-03	5.21E-02	0.00E+00	9.13E-09	2.11E-02	1.20E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.21E-02
980	CARTGRID	1	372200	3764100	NonCancerAcute	1.08E-02	1.12E-02	6.34E-02	0.00E+00	9.93E-09	2.61E-02	1.33E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.34E-02
981	CARTGRID	1	372300	3764100	NonCancerAcute	1.33E-02	1.38E-02	7.76E-02	0.00E+00	1.08E-08	3.13E-02	1.46E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	7.76E-02
982	CARTGRID	1	372400	3764100	NonCancerAcute	1.64E-02	1.70E-02	9.51E-02	0.00E+00	1.30E-08	3.78E-02	1.75E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	9.51E-02
983	CARTGRID	1	372500	3764100	NonCancerAcute	2.35E-02	2.41E-02	1.32E-01	0.00E+00	1.62E-08	4.96E-02	2.16E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.32E-01
984	CARTGRID	1	372600	3764100	NonCancerAcute	6.22E-02	6.29E-02	3.15E-01	0.00E+00	1.91E-08	9.18E-02	2.60E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	2.92E-02	0.00E+00	0.00E+00	3.15E-01
985	CARTGRID	1	372700	3764100	NonCancerAcute	3.56E-02	3.63E-02	1.90E-01	0.00E+00	2.23E-08	6.37E-02	2.91E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.90E-01
986	CARTGRID	1	372800	3764100	NonCancerAcute	2.30E-02	2.37E-02	1.30E-01	0.00E+00	2.24E-08	4.92E-02	2.88E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.30E-01
987	CARTGRID	1	372900	3764100	NonCancerAcute	1.85E-02	1.92E-02	1.08E-01	0.00E+00	1.97E-08	4.37E-02	2.57E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.08E-01
988	CARTGRID	1	373000	3764100	NonCancerAcute	1.68E-02	1.74E-02	9.76E-02	0.00E+00	2.14E-08	3.89E-02	2.71E-02	0.00E+00	3.17E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	9.76E-02
989	CARTGRID	1	373100	3764100	NonCancerAcute	1.45E-02	1.50E-02	8.39E-02	0.00E+00	1.95E-08	3.33E-02	2.45E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.39E-02
990	CARTGRID	1	373200	3764100	NonCancerAcute	1.43E-02	1.48E-02	8.26E-02	0.00E+00	2.22E-08	3.26E-02	2.75E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	8.26E-02
991	CARTGRID	1	373300	3764100	NonCancerAcute	1.43E-02	1.48E-02	8.18E-02	0.00E+00	2.67E-08	3.17E-02	3.25E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	8.18E-02
992	CARTGRID	1	373400	3764100	NonCancerAcute	1.30E-02	1.34E-02	7.34E-02	0.00E+00	2.46E-08	2.78E-02	2.98E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	7.34E-02
993	CARTGRID	1	373500	3764100	NonCancerAcute	1.25E-02	1.29E-02	7.03E-02	0.00E+00	2.76E-08	2.64E-02	3.30E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	7.03E-02
994	CARTGRID	1	373600	3764100	NonCancerAcute	1.22E-02	1.26E-02	6.90E-02	0.00E+00	3.71E-08	2.62E-02	4.38E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.90E-02
995	CARTGRID	1	373700	3764100	NonCancerAcute	1.35E-02	1.39E-02	7.73E-02	0.00E+00	3.29E-08	3.01E-02	3.93E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.73E-02
996	CARTGRID	1	373800	3764100	NonCancerAcute	1.13E-02	1.16E-02	6.44E-02	0.00E+00	2.24E-08	2.50E-02	2.71E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	6.44E-02
997	CARTGRID	1	373900	3764100	NonCancerAcute	1.09E-02	1.13E-02	6.25E-02	0.00E+00	2.51E-08	2.42E-02	3.01E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	6.25E-02
998	CARTGRID	1	374000	3764100	NonCancerAcute	1.07E-02	1.10E-02	6.06E-02	0.00E+00	2.41E-08	2.32E-02	2.90E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.06E-02
999	CARTGRID	1	374100	3764100	NonCancerAcute	1.06E-02	1.09E-02	6.02E-02	0.00E+00	2.50E-08	2.32E-02	2.99E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.02E-02
1000	CARTGRID	1	374200	3764100	NonCancerAcute	8.83E-03	9.10E-03	5.03E-02	0.00E+00	1.86E-08	1.94E-02	2.24E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.03E-02
1001	CARTGRID	1	374300	3764100	NonCancerAcute	8.84E-03	9.12E-03	5.04E-02	0.00E+00	1.91E-08	1.94E-02	2.30E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.04E-02
1002	CARTGRID	1	374400	3764100	NonCancerAcute	7.97E-03	8.24E-03	4.60E-02	0.00E+00	2.23E-08	1.82E-02	2.66E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.60E-02
1003	CARTGRID	1	374500	3764100	NonCancerAcute	7.36E-03	7.60E-03	4.18E-02	0.00E+00	2.20E-08	1.61E-02	2.61E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	8.57E-03	0.00E+00	0.00E+00	4.18E-02
1004	CARTGRID	1	374600	3764100	NonCancerAcute	5.67E-03	5.86E-03	3.19E-02	0.00E+00	1.65E-08	1.22E-02	1.96E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	3.19E-02
1005	CARTGRID	1	374700	3764100	NonCancerAcute	5.20E-03	5.37E-03	2.90E-02	0.00E+00	1.36E-08	1.09E-02	1.63E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	2.90E-02
1006	CARTGRID	1	374800	3764100	NonCancerAcute	6.08E-03	6.28E-03	3.47E-02	0.00E+00	1.80E-08	1.35E-02	2.14E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	3.47E-02
1007	CARTGRID	1	374900	3764100	NonCancerAcute	5.94E-03	6.13E-03	3.36E-02	0.00E+00	1.61E-08	1.29E-02	1.92E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	3.36E-02
1008	CARTGRID	1	375000	3764100	NonCancerAcute	4.66E-03	4.82E-03	2.63E-02	0.00E+00	1.47E-08	1.01E-02	1.74E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	2.63E-02
1009	CARTGRID	1	371500	3764200	NonCancerAcute	4.29E-03	4.42E-03	2.39E-02	0.00E+00	5.18E-09	8.94E-03	6.53E-03	0.00E+00	7.60E-03	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	2.39E-02
1010	CARTGRID	1	371600	3764200	NonCancerAcute	4.70E-03	4.84E-03	2.63E-02	0.00E+00	5.38E-09	9.89E-03	6.83E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	2.63E-02
1011	CARTGRID	1	371700	3764200	NonCancerAcute	5.28E-03	5.44E-03	2.96E-02	0.00E+00	5.73E-09	1.11E-02	7.31E-03	0.00E+00	8.58E-03	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	2.96E-02
1012	CARTGRID	1	371800	3764200	NonCancerAcute	5.93E-03	6.11E-03	3.33E-02	0.00E+00	6.24E-09	1.26E-02	8.00E-03	0.00E+00	9.43E-03	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	3.33E-02
1013	CARTGRID	1	371900	3764200	NonCancerAcute	6.60E-03	6.81E-03	3.75E-02	0.00E+00	6.69E-09	1.44E-02	8.65E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	3.75E-02
1014	CARTGRID	1	372000	3764200	NonCancerAcute	7.54E-03	7.81E-03	4.37E-02	0.00E+00	7.18E-09	1.75E-02	9.48E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	9.75E-03	0.00E+00	0.00E+00	4.37E-02
1015	CARTGRID	1	372100	3764200	NonCancerAcute	8.96E-03	9.26E-03	5.20E-02	0.00E+00	8.12E-09	2.08E-02	1.08E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.20E-02
1016	CARTGRID	1	372200	3764200	NonCancerAcute	1.08E-02	1.13E-02	6.55E-02	0.00E+00	9.52E-09	2.82E-02	1.31E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.55E-02
1017	CARTGRID	1	372300	3764200	NonCancerAcute	1.31E-02	1.36E-02	7.81E-02	0.00E+00	1.14E-08	3.27E-02	1.54E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	7.81E-02
1018	CARTGRID	1	372400	3764200	NonCancerAcute	1.91E-02	1.97E-02	1.11E-01	0.00E+00	1.71E-08	4.45E-02	2.24E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.11E-01
1019	CARTGRID	1	372500	3764200	NonCancerAcute	2.32E-02	2.39E-02	1.34E-01	0.00E+00	1.74E-08	5.19E-02	2.30E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.34E-01
1020	CARTGRID	1	372600	3764200	NonCancerAcute	4.34E-02	4.40E-02	2.25E-01	0.00E+00	1.93E-08	7.03E-02	2.56E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	2.25E-01
1021	CARTGRID	1	372700	3764200	NonCancerAcute	3.35E-02	3.42E-02	1.80E-01	0.00E+00	2.03E-08	6.06E-02	2.67E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.80E-01
1022	CARTGRID	1	372800	3764200	NonCancerAcute	2.08E-02	2.14E-02	1.17E-01	0.00E+00	1.89E-08	4.37E-02	2.45E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.17E-01
1023	CARTGRID	1	372900	3764200	NonCancerAcute	1.64E-02	1.69E-02	9.45E-02	0.00E+00	1.67E-08	3.74E-02	2.17E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	9.45E-02
1024	CARTGRID	1	373000	3764200	NonCancerAcute	1.42E-02	1.47E-02	8.13E-02	0.00E+00	1.74E-08	3.16E-02	2.20E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	8.13E-02
1025	CARTGRID	1	373100	3764200	NonCancerAcute	1.34E-02	1.39E-02	7.73E-02	0.00E+00	1.78E-08	3.04E-02	2.24E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	7.73E-02
1026	CARTGRID	1	373200	3764200	NonCancerAcute	1.22E-02	1.25E-02	6.93E-02	0.00E+00	1.85E-08	2.68E-02	2.29E-02	0.00E+00	2.61E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.93E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1027	CARTGRID	1	373300	3764200	NonCancerAcute	1.19E-02	1.23E-02	6.76E-02	0.00E+00	2.16E-08	2.58E-02	2.63E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	6.76E-02
1028	CARTGRID	1	373400	3764200	NonCancerAcute	1.10E-02	1.13E-02	6.21E-02	0.00E+00	2.08E-08	2.35E-02	2.52E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	6.21E-02
1029	CARTGRID	1	373500	3764200	NonCancerAcute	1.14E-02	1.17E-02	6.35E-02	0.00E+00	2.50E-08	2.37E-02	2.99E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	6.35E-02
1030	CARTGRID	1	373600	3764200	NonCancerAcute	1.13E-02	1.17E-02	6.36E-02	0.00E+00	3.12E-08	2.39E-02	3.70E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.36E-02
1031	CARTGRID	1	373700	3764200	NonCancerAcute	1.26E-02	1.29E-02	7.15E-02	0.00E+00	2.89E-08	2.74E-02	3.45E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	7.15E-02
1032	CARTGRID	1	373800	3764200	NonCancerAcute	9.97E-03	1.03E-02	5.72E-02	0.00E+00	1.97E-08	2.23E-02	2.38E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.72E-02
1033	CARTGRID	1	373900	3764200	NonCancerAcute	1.04E-02	1.07E-02	5.94E-02	0.00E+00	2.42E-08	2.30E-02	2.90E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.94E-02
1034	CARTGRID	1	374000	3764200	NonCancerAcute	1.00E-02	1.04E-02	5.75E-02	0.00E+00	2.69E-08	2.24E-02	3.21E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.75E-02
1035	CARTGRID	1	374100	3764200	NonCancerAcute	8.77E-03	9.05E-03	4.97E-02	0.00E+00	2.76E-08	1.90E-02	3.26E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.97E-02
1036	CARTGRID	1	374200	3764200	NonCancerAcute	8.52E-03	8.79E-03	4.87E-02	0.00E+00	1.93E-08	1.90E-02	2.32E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.87E-02
1037	CARTGRID	1	374300	3764200	NonCancerAcute	8.38E-03	8.64E-03	4.75E-02	0.00E+00	1.77E-08	1.82E-02	2.13E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	9.60E-03	0.00E+00	0.00E+00	4.75E-02
1038	CARTGRID	1	374400	3764200	NonCancerAcute	8.15E-03	8.39E-03	4.62E-02	0.00E+00	1.75E-08	1.77E-02	2.10E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	4.62E-02
1039	CARTGRID	1	374500	3764200	NonCancerAcute	6.07E-03	6.28E-03	3.42E-02	0.00E+00	1.99E-08	1.31E-02	2.36E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	3.42E-02
1040	CARTGRID	1	374600	3764200	NonCancerAcute	5.44E-03	5.62E-03	3.02E-02	0.00E+00	1.32E-08	1.13E-02	1.59E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	3.02E-02
1041	CARTGRID	1	374700	3764200	NonCancerAcute	4.87E-03	5.03E-03	2.72E-02	0.00E+00	1.08E-08	1.01E-02	1.30E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.72E-02
1042	CARTGRID	1	374800	3764200	NonCancerAcute	4.70E-03	4.86E-03	2.62E-02	0.00E+00	1.19E-08	9.79E-03	1.42E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	2.62E-02
1043	CARTGRID	1	374900	3764200	NonCancerAcute	4.61E-03	4.78E-03	2.62E-02	0.00E+00	1.59E-08	1.02E-02	1.88E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	2.62E-02
1044	CARTGRID	1	375000	3764200	NonCancerAcute	4.20E-03	4.35E-03	2.35E-02	0.00E+00	1.07E-08	8.91E-03	1.28E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	2.35E-02
1045	CARTGRID	1	371500	3764300	NonCancerAcute	4.30E-03	4.42E-03	2.39E-02	0.00E+00	5.05E-09	8.84E-03	6.37E-03	0.00E+00	7.42E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	2.39E-02
1046	CARTGRID	1	371600	3764300	NonCancerAcute	4.77E-03	4.91E-03	2.65E-02	0.00E+00	5.41E-09	9.83E-03	6.86E-03	0.00E+00	8.00E-03	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	2.65E-02
1047	CARTGRID	1	371700	3764300	NonCancerAcute	5.23E-03	5.38E-03	2.92E-02	0.00E+00	5.71E-09	1.09E-02	7.27E-03	0.00E+00	8.51E-03	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	2.92E-02
1048	CARTGRID	1	371800	3764300	NonCancerAcute	5.69E-03	5.87E-03	3.22E-02	0.00E+00	5.99E-09	1.23E-02	7.69E-03	0.00E+00	9.08E-03	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	3.22E-02
1049	CARTGRID	1	371900	3764300	NonCancerAcute	6.62E-03	6.83E-03	3.78E-02	0.00E+00	6.47E-09	1.47E-02	8.44E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	3.78E-02
1050	CARTGRID	1	372000	3764300	NonCancerAcute	7.73E-03	8.03E-03	4.57E-02	0.00E+00	6.92E-09	1.89E-02	9.34E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.57E-02
1051	CARTGRID	1	372100	3764300	NonCancerAcute	9.24E-03	9.57E-03	5.36E-02	0.00E+00	8.61E-09	2.15E-02	1.14E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.36E-02
1052	CARTGRID	1	372200	3764300	NonCancerAcute	1.15E-02	1.19E-02	6.70E-02	0.00E+00	1.02E-08	2.71E-02	1.36E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.70E-02
1053	CARTGRID	1	372300	3764300	NonCancerAcute	1.46E-02	1.51E-02	8.42E-02	0.00E+00	1.41E-08	3.33E-02	1.85E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	8.42E-02
1054	CARTGRID	1	372400	3764300	NonCancerAcute	2.35E-02	2.40E-02	1.28E-01	0.00E+00	1.50E-08	4.49E-02	1.97E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.28E-01
1055	CARTGRID	1	372500	3764300	NonCancerAcute	5.58E-02	5.64E-02	2.81E-01	0.00E+00	1.58E-08	8.01E-02	2.15E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	2.39E-02	0.00E+00	0.00E+00	2.81E-01
1056	CARTGRID	1	372600	3764300	NonCancerAcute	2.99E-02	3.04E-02	1.60E-01	0.00E+00	1.80E-08	5.35E-02	2.35E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	1.60E-01
1057	CARTGRID	1	372700	3764300	NonCancerAcute	2.61E-02	2.66E-02	1.41E-01	0.00E+00	1.89E-08	4.86E-02	2.44E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.41E-01
1058	CARTGRID	1	372800	3764300	NonCancerAcute	1.74E-02	1.79E-02	9.81E-02	0.00E+00	1.98E-08	3.72E-02	2.51E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	9.81E-02
1059	CARTGRID	1	372900	3764300	NonCancerAcute	1.42E-02	1.47E-02	8.13E-02	0.00E+00	1.61E-08	3.15E-02	2.05E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	8.13E-02
1060	CARTGRID	1	373000	3764300	NonCancerAcute	1.28E-02	1.32E-02	7.26E-02	0.00E+00	1.66E-08	2.78E-02	2.09E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	7.26E-02
1061	CARTGRID	1	373100	3764300	NonCancerAcute	1.19E-02	1.23E-02	6.70E-02	0.00E+00	1.52E-08	2.52E-02	1.90E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	6.70E-02
1062	CARTGRID	1	373200	3764300	NonCancerAcute	1.10E-02	1.13E-02	6.20E-02	0.00E+00	1.64E-08	2.33E-02	2.02E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	6.20E-02
1063	CARTGRID	1	373300	3764300	NonCancerAcute	9.98E-03	1.03E-02	5.62E-02	0.00E+00	1.65E-08	2.12E-02	2.02E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.62E-02
1064	CARTGRID	1	373400	3764300	NonCancerAcute	1.02E-02	1.05E-02	5.70E-02	0.00E+00	1.92E-08	2.14E-02	2.32E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.70E-02
1065	CARTGRID	1	373500	3764300	NonCancerAcute	1.02E-02	1.05E-02	5.67E-02	0.00E+00	2.17E-08	2.11E-02	2.61E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.67E-02
1066	CARTGRID	1	373600	3764300	NonCancerAcute	1.22E-02	1.26E-02	6.91E-02	0.00E+00	2.84E-08	2.61E-02	3.39E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	6.91E-02
1067	CARTGRID	1	373700	3764300	NonCancerAcute	1.11E-02	1.14E-02	6.31E-02	0.00E+00	2.41E-08	2.43E-02	2.90E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.31E-02
1068	CARTGRID	1	373800	3764300	NonCancerAcute	9.96E-03	1.03E-02	5.66E-02	0.00E+00	1.84E-08	2.16E-02	2.23E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.66E-02
1069	CARTGRID	1	373900	3764300	NonCancerAcute	9.73E-03	1.00E-02	5.54E-02	0.00E+00	1.96E-08	2.14E-02	2.37E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	5.54E-02
1070	CARTGRID	1	374000	3764300	NonCancerAcute	9.37E-03	9.66E-03	5.36E-02	0.00E+00	2.47E-08	2.09E-02	2.94E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.36E-02
1071	CARTGRID	1	374100	3764300	NonCancerAcute	7.21E-03	7.44E-03	4.05E-02	0.00E+00	2.24E-08	1.53E-02	2.66E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	7.93E-03	0.00E+00	0.00E+00	4.05E-02
1072	CARTGRID	1	374200	3764300	NonCancerAcute	8.52E-03	8.79E-03	4.85E-02	0.00E+00	2.22E-08	1.87E-02	2.65E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.85E-02
1073	CARTGRID	1	374300	3764300	NonCancerAcute	7.90E-03	8.15E-03	4.51E-02	0.00E+00	1.94E-08	1.75E-02	2.32E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	4.51E-02
1074	CARTGRID	1	374400	3764300	NonCancerAcute	7.90E-03	8.14E-03	4.46E-02	0.00E+00	1.64E-08	1.69E-02	1.97E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	4.46E-02
1075	CARTGRID	1	374500	3764300	NonCancerAcute	7.28E-03	7.51E-03	4.14E-02	0.00E+00	1.85E-08	1.59E-02	2.20E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	4.14E-02
1076	CARTGRID	1	374600	3764300	NonCancerAcute	6.51E-03	6.72E-03	3.68E-02	0.00E+00	1.83E-08	1.40E-02	2.17E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	7.37E-03	0.00E+00	0.00E+00	3.68E-02
1077	CARTGRID	1	374700	3764300	NonCancerAcute	5.19E-03	5.37E-03	2.92E-02	0.00E+00	1.59E-08	1.11E-02	1.89E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	2.92E-02
1078	CARTGRID	1	374800	3764300	NonCancerAcute	4.28E-03	4.41E-03	2.39E-02	0.00E+00	8.98E-09	8.91E-03	1.08E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	2.39E-02
1079	CARTGRID	1	374900	3764300	NonCancerAcute	4.11E-03	4.24E-03	2.29E-02	0.00E+00	9.29E-09	8.57E-03	1.12E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.29E-02
1080	CARTGRID	1	375000	3764300	NonCancerAcute	3.75E-03	3.87E-03	2.10E-02	0.00E+00	8.59E-09	7.90E-03	1.03E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	2.10E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1081	CARTGRID	1	371500	3764400	NonCancerAcute	4.11E-03	4.23E-03	2.29E-02	0.00E+00	4.95E-09	8.50E-03	6.24E-03	0.00E+00	7.26E-03	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	2.29E-02
1082	CARTGRID	1	371600	3764400	NonCancerAcute	4.47E-03	4.61E-03	2.50E-02	0.00E+00	5.19E-09	9.33E-03	6.57E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	2.50E-02
1083	CARTGRID	1	371700	3764400	NonCancerAcute	4.90E-03	5.04E-03	2.74E-02	0.00E+00	5.53E-09	1.03E-02	7.03E-03	0.00E+00	8.23E-03	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	2.74E-02
1084	CARTGRID	1	371800	3764400	NonCancerAcute	5.63E-03	5.79E-03	3.15E-02	0.00E+00	5.78E-09	1.18E-02	7.42E-03	0.00E+00	8.75E-03	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	3.15E-02
1085	CARTGRID	1	371900	3764400	NonCancerAcute	6.26E-03	6.46E-03	3.56E-02	0.00E+00	6.17E-09	1.38E-02	8.02E-03	0.00E+00	9.57E-03	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	3.56E-02
1086	CARTGRID	1	372000	3764400	NonCancerAcute	7.21E-03	7.48E-03	4.21E-02	0.00E+00	6.75E-09	1.71E-02	8.97E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	9.67E-03	0.00E+00	0.00E+00	4.21E-02
1087	CARTGRID	1	372100	3764400	NonCancerAcute	8.72E-03	9.03E-03	5.05E-02	0.00E+00	8.20E-09	2.02E-02	1.09E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.05E-02
1088	CARTGRID	1	372200	3764400	NonCancerAcute	1.18E-02	1.22E-02	6.97E-02	0.00E+00	1.28E-08	2.89E-02	1.68E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	6.97E-02
1089	CARTGRID	1	372300	3764400	NonCancerAcute	1.63E-02	1.67E-02	9.19E-02	0.00E+00	1.49E-08	3.48E-02	1.92E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	9.19E-02
1090	CARTGRID	1	372400	3764400	NonCancerAcute	2.76E-02	2.80E-02	1.45E-01	0.00E+00	1.40E-08	4.69E-02	1.84E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.45E-01
1091	CARTGRID	1	372500	3764400	NonCancerAcute	2.17E-02	2.22E-02	1.19E-01	0.00E+00	1.62E-08	4.20E-02	2.09E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.19E-01
1092	CARTGRID	1	372600	3764400	NonCancerAcute	2.02E-02	2.07E-02	1.12E-01	0.00E+00	1.71E-08	4.04E-02	2.19E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.12E-01
1093	CARTGRID	1	372700	3764400	NonCancerAcute	1.53E-02	1.57E-02	8.55E-02	0.00E+00	1.71E-08	3.20E-02	2.16E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	8.55E-02
1094	CARTGRID	1	372800	3764400	NonCancerAcute	1.39E-02	1.43E-02	7.78E-02	0.00E+00	1.47E-08	2.90E-02	1.87E-02	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	7.78E-02
1095	CARTGRID	1	372900	3764400	NonCancerAcute	1.23E-02	1.26E-02	6.91E-02	0.00E+00	1.38E-08	2.60E-02	1.75E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	6.91E-02
1096	CARTGRID	1	373000	3764400	NonCancerAcute	1.12E-02	1.16E-02	6.33E-02	0.00E+00	1.33E-08	2.40E-02	1.68E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.33E-02
1097	CARTGRID	1	373100	3764400	NonCancerAcute	1.02E-02	1.05E-02	5.73E-02	0.00E+00	1.38E-08	2.15E-02	1.72E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.73E-02
1098	CARTGRID	1	373200	3764400	NonCancerAcute	9.81E-03	1.01E-02	5.49E-02	0.00E+00	1.48E-08	2.05E-02	1.83E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.49E-02
1099	CARTGRID	1	373300	3764400	NonCancerAcute	9.57E-03	9.85E-03	5.36E-02	0.00E+00	1.62E-08	2.01E-02	1.98E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.36E-02
1100	CARTGRID	1	373400	3764400	NonCancerAcute	9.38E-03	9.66E-03	5.23E-02	0.00E+00	1.82E-08	1.94E-02	2.20E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	9.82E-03	0.00E+00	0.00E+00	5.23E-02
1101	CARTGRID	1	373500	3764400	NonCancerAcute	9.84E-03	1.01E-02	5.52E-02	0.00E+00	2.50E-08	2.08E-02	2.98E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.52E-02
1102	CARTGRID	1	373600	3764400	NonCancerAcute	1.07E-02	1.10E-02	6.07E-02	0.00E+00	2.49E-08	2.32E-02	2.97E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.07E-02
1103	CARTGRID	1	373700	3764400	NonCancerAcute	1.04E-02	1.07E-02	5.83E-02	0.00E+00	1.83E-08	2.19E-02	2.22E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.83E-02
1104	CARTGRID	1	373800	3764400	NonCancerAcute	9.31E-03	9.59E-03	5.27E-02	0.00E+00	1.77E-08	2.00E-02	2.14E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.27E-02
1105	CARTGRID	1	373900	3764400	NonCancerAcute	9.56E-03	9.85E-03	5.44E-02	0.00E+00	1.97E-08	2.08E-02	2.38E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.44E-02
1106	CARTGRID	1	374000	3764400	NonCancerAcute	8.94E-03	9.21E-03	5.07E-02	0.00E+00	2.24E-08	1.95E-02	2.67E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.07E-02
1107	CARTGRID	1	374100	3764400	NonCancerAcute	6.72E-03	6.93E-03	3.77E-02	0.00E+00	1.97E-08	1.42E-02	2.33E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	3.77E-02
1108	CARTGRID	1	374200	3764400	NonCancerAcute	6.28E-03	6.48E-03	3.51E-02	0.00E+00	1.58E-08	1.32E-02	1.89E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	3.51E-02
1109	CARTGRID	1	374300	3764400	NonCancerAcute	6.98E-03	7.20E-03	3.95E-02	0.00E+00	2.04E-08	1.52E-02	2.41E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	3.95E-02
1110	CARTGRID	1	374400	3764400	NonCancerAcute	7.05E-03	7.27E-03	3.99E-02	0.00E+00	1.85E-08	1.53E-02	2.20E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	3.99E-02
1111	CARTGRID	1	374500	3764400	NonCancerAcute	6.79E-03	7.01E-03	3.85E-02	0.00E+00	1.75E-08	1.48E-02	2.08E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	3.85E-02
1112	CARTGRID	1	374600	3764400	NonCancerAcute	5.05E-03	5.23E-03	2.85E-02	0.00E+00	1.54E-08	1.09E-02	1.82E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.85E-02
1113	CARTGRID	1	374700	3764400	NonCancerAcute	4.51E-03	4.65E-03	2.50E-02	0.00E+00	1.03E-08	9.32E-03	1.24E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	2.50E-02
1114	CARTGRID	1	374800	3764400	NonCancerAcute	4.14E-03	4.27E-03	2.30E-02	0.00E+00	8.61E-09	8.56E-03	1.04E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	2.30E-02
1115	CARTGRID	1	374900	3764400	NonCancerAcute	3.88E-03	4.00E-03	2.16E-02	0.00E+00	7.99E-09	8.07E-03	9.66E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	2.16E-02
1116	CARTGRID	1	375000	3764400	NonCancerAcute	3.52E-03	3.63E-03	1.97E-02	0.00E+00	7.18E-09	7.46E-03	8.71E-03	0.00E+00	9.80E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	1.97E-02
1117	CARTGRID	1	371500	3764500	NonCancerAcute	3.94E-03	4.06E-03	2.19E-02	0.00E+00	4.83E-09	8.13E-03	6.07E-03	0.00E+00	7.04E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	2.19E-02
1118	CARTGRID	1	371600	3764500	NonCancerAcute	4.40E-03	4.53E-03	2.44E-02	0.00E+00	5.03E-09	9.00E-03	6.36E-03	0.00E+00	7.40E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.44E-02
1119	CARTGRID	1	371700	3764500	NonCancerAcute	4.85E-03	4.99E-03	2.69E-02	0.00E+00	5.32E-09	9.96E-03	6.76E-03	0.00E+00	7.89E-03	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	2.69E-02
1120	CARTGRID	1	371800	3764500	NonCancerAcute	5.30E-03	5.47E-03	2.99E-02	0.00E+00	5.70E-09	1.14E-02	7.31E-03	0.00E+00	8.63E-03	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	2.99E-02
1121	CARTGRID	1	371900	3764500	NonCancerAcute	6.07E-03	6.27E-03	3.46E-02	0.00E+00	5.99E-09	1.34E-02	7.80E-03	0.00E+00	9.32E-03	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	3.46E-02
1122	CARTGRID	1	372000	3764500	NonCancerAcute	6.97E-03	7.19E-03	3.97E-02	0.00E+00	6.19E-09	1.53E-02	8.15E-03	0.00E+00	9.83E-03	0.00E+00	0.00E+00	8.19E-03	0.00E+00	0.00E+00	3.97E-02
1123	CARTGRID	1	372100	3764500	NonCancerAcute	8.53E-03	8.83E-03	4.96E-02	0.00E+00	7.91E-09	1.99E-02	1.05E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.96E-02
1124	CARTGRID	1	372200	3764500	NonCancerAcute	1.01E-02	1.04E-02	5.74E-02	0.00E+00	9.06E-09	2.23E-02	1.19E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.74E-02
1125	CARTGRID	1	372300	3764500	NonCancerAcute	1.17E-02	1.20E-02	6.56E-02	0.00E+00	9.78E-09	2.47E-02	1.28E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.56E-02
1126	CARTGRID	1	372400	3764500	NonCancerAcute	1.32E-02	1.35E-02	7.36E-02	0.00E+00	1.27E-08	2.74E-02	1.63E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	7.36E-02
1127	CARTGRID	1	372500	3764500	NonCancerAcute	1.58E-02	1.62E-02	8.81E-02	0.00E+00	1.53E-08	3.26E-02	1.95E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	8.81E-02
1128	CARTGRID	1	372600	3764500	NonCancerAcute	1.39E-02	1.43E-02	7.78E-02	0.00E+00	1.64E-08	2.89E-02	2.06E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	7.78E-02
1129	CARTGRID	1	372700	3764500	NonCancerAcute	1.27E-02	1.30E-02	7.10E-02	0.00E+00	1.53E-08	2.65E-02	1.92E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	7.10E-02
1130	CARTGRID	1	372800	3764500	NonCancerAcute	1.11E-02	1.14E-02	6.18E-02	0.00E+00	1.29E-08	2.28E-02	1.62E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	6.18E-02
1131	CARTGRID	1	372900	3764500	NonCancerAcute	1.06E-02	1.09E-02	5.92E-02	0.00E+00	1.23E-08	2.18E-02	1.55E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.92E-02
1132	CARTGRID	1	373000	3764500	NonCancerAcute	1.01E-02	1.04E-02	5.64E-02	0.00E+00	1.32E-08	2.10E-02	1.65E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.64E-02
1133	CARTGRID	1	373100	3764500	NonCancerAcute	8.57E-03	8.82E-03	4.81E-02	0.00E+00	1.20E-08	1.80E-02	1.49E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	4.81E-02
1134	CARTGRID	1	373200	3764500	NonCancerAcute	9.34E-03	9.60E-03	5.18E-02	0.00E+00	1.41E-08	1.90E-02	1.74E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	9.48E-03	0.00E+00	0.00E+00	5.18E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1135	CARTGRID	1	373300	3764500	NonCancerAcute	9.46E-03	9.73E-03	5.24E-02	0.00E+00	1.64E-08	1.92E-02	2.00E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	9.56E-03	0.00E+00	0.00E+00	5.24E-02
1136	CARTGRID	1	373400	3764500	NonCancerAcute	9.02E-03	9.28E-03	5.03E-02	0.00E+00	1.99E-08	1.87E-02	2.39E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	5.03E-02
1137	CARTGRID	1	373500	3764500	NonCancerAcute	1.02E-02	1.05E-02	5.77E-02	0.00E+00	2.38E-08	2.20E-02	2.85E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.77E-02
1138	CARTGRID	1	373600	3764500	NonCancerAcute	8.84E-03	9.11E-03	5.02E-02	0.00E+00	1.55E-08	1.93E-02	1.89E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.02E-02
1139	CARTGRID	1	373700	3764500	NonCancerAcute	9.33E-03	9.60E-03	5.29E-02	0.00E+00	1.66E-08	2.01E-02	2.02E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.29E-02
1140	CARTGRID	1	373800	3764500	NonCancerAcute	9.63E-03	9.91E-03	5.41E-02	0.00E+00	1.95E-08	2.03E-02	2.35E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.41E-02
1141	CARTGRID	1	373900	3764500	NonCancerAcute	8.68E-03	8.95E-03	4.97E-02	0.00E+00	1.92E-08	1.93E-02	2.31E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.97E-02
1142	CARTGRID	1	374000	3764500	NonCancerAcute	8.33E-03	8.59E-03	4.74E-02	0.00E+00	2.04E-08	1.83E-02	2.44E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	9.73E-03	0.00E+00	0.00E+00	4.74E-02
1143	CARTGRID	1	374100	3764500	NonCancerAcute	7.25E-03	7.48E-03	4.12E-02	0.00E+00	2.19E-08	1.59E-02	2.60E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	4.12E-02
1144	CARTGRID	1	374200	3764500	NonCancerAcute	5.69E-03	5.87E-03	3.17E-02	0.00E+00	1.39E-08	1.18E-02	1.66E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	3.17E-02
1145	CARTGRID	1	374300	3764500	NonCancerAcute	5.70E-03	5.89E-03	3.18E-02	0.00E+00	1.48E-08	1.19E-02	1.77E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	3.18E-02
1146	CARTGRID	1	374400	3764500	NonCancerAcute	5.34E-03	5.52E-03	2.98E-02	0.00E+00	1.34E-08	1.11E-02	1.61E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.98E-02
1147	CARTGRID	1	374500	3764500	NonCancerAcute	4.85E-03	5.00E-03	2.69E-02	0.00E+00	1.14E-08	1.00E-02	1.37E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	2.69E-02
1148	CARTGRID	1	374600	3764500	NonCancerAcute	4.52E-03	4.67E-03	2.52E-02	0.00E+00	9.73E-09	9.39E-03	1.17E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	2.52E-02
1149	CARTGRID	1	374700	3764500	NonCancerAcute	4.17E-03	4.30E-03	2.33E-02	0.00E+00	8.65E-09	8.68E-03	1.04E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	2.33E-02
1150	CARTGRID	1	374800	3764500	NonCancerAcute	3.85E-03	3.97E-03	2.14E-02	0.00E+00	7.84E-09	7.99E-03	9.49E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	2.14E-02
1151	CARTGRID	1	374900	3764500	NonCancerAcute	3.71E-03	3.82E-03	2.06E-02	0.00E+00	7.57E-09	7.66E-03	9.15E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	2.06E-02
1152	CARTGRID	1	375000	3764500	NonCancerAcute	3.50E-03	3.61E-03	1.95E-02	0.00E+00	7.01E-09	7.29E-03	8.50E-03	0.00E+00	9.54E-03	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	1.95E-02
1153	CARTGRID	1	371500	3764600	NonCancerAcute	3.95E-03	4.06E-03	2.18E-02	0.00E+00	4.66E-09	7.96E-03	5.86E-03	0.00E+00	6.80E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	2.18E-02
1154	CARTGRID	1	371600	3764600	NonCancerAcute	4.31E-03	4.43E-03	2.38E-02	0.00E+00	4.94E-09	8.69E-03	6.23E-03	0.00E+00	7.23E-03	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	2.38E-02
1155	CARTGRID	1	371700	3764600	NonCancerAcute	4.67E-03	4.81E-03	2.59E-02	0.00E+00	5.21E-09	9.56E-03	6.60E-03	0.00E+00	7.70E-03	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	2.59E-02
1156	CARTGRID	1	371800	3764600	NonCancerAcute	5.33E-03	5.49E-03	2.97E-02	0.00E+00	5.33E-09	1.10E-02	6.84E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	2.97E-02
1157	CARTGRID	1	371900	3764600	NonCancerAcute	5.75E-03	5.93E-03	3.23E-02	0.00E+00	5.47E-09	1.22E-02	7.10E-03	0.00E+00	8.46E-03	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	3.23E-02
1158	CARTGRID	1	372000	3764600	NonCancerAcute	6.37E-03	6.57E-03	3.60E-02	0.00E+00	6.20E-09	1.37E-02	8.04E-03	0.00E+00	9.55E-03	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	3.60E-02
1159	CARTGRID	1	372100	3764600	NonCancerAcute	7.55E-03	7.79E-03	4.30E-02	0.00E+00	6.99E-09	1.67E-02	9.16E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	8.91E-03	0.00E+00	0.00E+00	4.30E-02
1160	CARTGRID	1	372200	3764600	NonCancerAcute	8.14E-03	8.38E-03	4.60E-02	0.00E+00	7.70E-09	1.75E-02	9.99E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	4.60E-02
1161	CARTGRID	1	372300	3764600	NonCancerAcute	1.02E-02	1.05E-02	5.73E-02	0.00E+00	1.23E-08	2.16E-02	1.55E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.73E-02
1162	CARTGRID	1	372400	3764600	NonCancerAcute	1.10E-02	1.13E-02	6.21E-02	0.00E+00	1.36E-08	2.35E-02	1.71E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	6.21E-02
1163	CARTGRID	1	372500	3764600	NonCancerAcute	1.31E-02	1.35E-02	7.33E-02	0.00E+00	1.46E-08	2.70E-02	1.84E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	7.33E-02
1164	CARTGRID	1	372600	3764600	NonCancerAcute	1.08E-02	1.11E-02	6.01E-02	0.00E+00	1.43E-08	2.23E-02	1.77E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.01E-02
1165	CARTGRID	1	372700	3764600	NonCancerAcute	1.24E-02	1.27E-02	6.93E-02	0.00E+00	1.66E-08	2.57E-02	2.06E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	6.93E-02
1166	CARTGRID	1	372800	3764600	NonCancerAcute	9.79E-03	1.01E-02	5.41E-02	0.00E+00	1.14E-08	1.97E-02	1.43E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	5.41E-02
1167	CARTGRID	1	372900	3764600	NonCancerAcute	9.03E-03	9.28E-03	5.01E-02	0.00E+00	1.08E-08	1.84E-02	1.35E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	9.17E-03	0.00E+00	0.00E+00	5.01E-02
1168	CARTGRID	1	373000	3764600	NonCancerAcute	8.32E-03	8.56E-03	4.64E-02	0.00E+00	1.08E-08	1.72E-02	1.35E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	4.64E-02
1169	CARTGRID	1	373100	3764600	NonCancerAcute	7.92E-03	8.15E-03	4.41E-02	0.00E+00	1.11E-08	1.63E-02	1.38E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	8.23E-03	0.00E+00	0.00E+00	4.41E-02
1170	CARTGRID	1	373200	3764600	NonCancerAcute	8.02E-03	8.25E-03	4.47E-02	0.00E+00	1.23E-08	1.66E-02	1.51E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	4.47E-02
1171	CARTGRID	1	373300	3764600	NonCancerAcute	8.69E-03	8.95E-03	4.84E-02	0.00E+00	1.72E-08	1.79E-02	2.08E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	4.84E-02
1172	CARTGRID	1	373400	3764600	NonCancerAcute	8.65E-03	8.90E-03	4.84E-02	0.00E+00	2.13E-08	1.81E-02	2.54E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	4.84E-02
1173	CARTGRID	1	373500	3764600	NonCancerAcute	9.69E-03	9.98E-03	5.48E-02	0.00E+00	2.16E-08	2.08E-02	2.59E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.48E-02
1174	CARTGRID	1	373600	3764600	NonCancerAcute	8.80E-03	9.06E-03	4.95E-02	0.00E+00	1.46E-08	1.86E-02	1.79E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	9.58E-03	0.00E+00	0.00E+00	4.95E-02
1175	CARTGRID	1	373700	3764600	NonCancerAcute	8.83E-03	9.11E-03	5.04E-02	0.00E+00	1.93E-08	1.95E-02	2.32E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.04E-02
1176	CARTGRID	1	373800	3764600	NonCancerAcute	8.28E-03	8.53E-03	4.66E-02	0.00E+00	2.05E-08	1.76E-02	2.44E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	9.17E-03	0.00E+00	0.00E+00	4.66E-02
1177	CARTGRID	1	373900	3764600	NonCancerAcute	6.55E-03	6.76E-03	3.67E-02	0.00E+00	1.78E-08	1.38E-02	2.12E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	7.12E-03	0.00E+00	0.00E+00	3.67E-02
1178	CARTGRID	1	374000	3764600	NonCancerAcute	6.47E-03	6.68E-03	3.66E-02	0.00E+00	2.02E-08	1.41E-02	2.39E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	3.66E-02
1179	CARTGRID	1	374100	3764600	NonCancerAcute	6.08E-03	6.29E-03	3.44E-02	0.00E+00	1.92E-08	1.32E-02	2.28E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	3.44E-02
1180	CARTGRID	1	374200	3764600	NonCancerAcute	5.37E-03	5.55E-03	3.00E-02	0.00E+00	1.32E-08	1.12E-02	1.58E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	3.00E-02
1181	CARTGRID	1	374300	3764600	NonCancerAcute	4.85E-03	5.00E-03	2.71E-02	0.00E+00	1.10E-08	1.02E-02	1.32E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	2.71E-02
1182	CARTGRID	1	374400	3764600	NonCancerAcute	4.89E-03	5.04E-03	2.71E-02	0.00E+00	1.10E-08	9.99E-03	1.32E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	2.71E-02
1183	CARTGRID	1	374500	3764600	NonCancerAcute	4.45E-03	4.58E-03	2.47E-02	0.00E+00	9.46E-09	9.18E-03	1.14E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	2.47E-02
1184	CARTGRID	1	374600	3764600	NonCancerAcute	4.06E-03	4.19E-03	2.27E-02	0.00E+00	8.26E-09	8.48E-03	9.99E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	2.27E-02
1185	CARTGRID	1	374700	3764600	NonCancerAcute	3.82E-03	3.94E-03	2.13E-02	0.00E+00	7.60E-09	8.01E-03	9.22E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	2.13E-02
1186	CARTGRID	1	374800	3764600	NonCancerAcute	3.62E-03	3.73E-03	2.02E-02	0.00E+00	7.30E-09	7.60E-03	8.84E-03	0.00E+00	9.91E-03	0.00E+00	0.00E+00	3.89E-03	0.00E+00	0.00E+00	2.02E-02
1187	CARTGRID	1	374900	3764600	NonCancerAcute	3.52E-03	3.63E-03	1.96E-02	0.00E+00	7.00E-09	7.27E-03	8.48E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	1.96E-02
1188	CARTGRID	1	375000	3764600	NonCancerAcute	3.34E-03	3.44E-03	1.86E-02	0.00E+00	6.76E-09	6.95E-03	8.19E-03	0.00E+00	9.19E-03	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	1.86E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1189	CARTGRID	1	371500	3764700	NonCancerAcute	3.91E-03	4.02E-03	2.15E-02	0.00E+00	4.59E-09	7.75E-03	5.77E-03	0.00E+00	6.66E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	2.15E-02
1190	CARTGRID	1	371600	3764700	NonCancerAcute	4.14E-03	4.25E-03	2.28E-02	0.00E+00	4.69E-09	8.24E-03	5.92E-03	0.00E+00	6.87E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	2.28E-02
1191	CARTGRID	1	371700	3764700	NonCancerAcute	4.62E-03	4.74E-03	2.54E-02	0.00E+00	4.78E-09	9.16E-03	6.07E-03	0.00E+00	7.10E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	2.54E-02
1192	CARTGRID	1	371800	3764700	NonCancerAcute	4.87E-03	5.00E-03	2.69E-02	0.00E+00	5.09E-09	9.88E-03	6.49E-03	0.00E+00	7.59E-03	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	2.69E-02
1193	CARTGRID	1	371900	3764700	NonCancerAcute	5.40E-03	5.55E-03	3.00E-02	0.00E+00	5.61E-09	1.11E-02	7.15E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	3.00E-02
1194	CARTGRID	1	372000	3764700	NonCancerAcute	6.26E-03	6.44E-03	3.49E-02	0.00E+00	6.51E-09	1.29E-02	8.30E-03	0.00E+00	9.73E-03	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	3.49E-02
1195	CARTGRID	1	372100	3764700	NonCancerAcute	6.52E-03	6.72E-03	3.66E-02	0.00E+00	6.88E-09	1.37E-02	8.78E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	7.05E-03	0.00E+00	0.00E+00	3.66E-02
1196	CARTGRID	1	372200	3764700	NonCancerAcute	7.32E-03	7.53E-03	4.10E-02	0.00E+00	7.51E-09	1.54E-02	9.62E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	4.10E-02
1197	CARTGRID	1	372300	3764700	NonCancerAcute	8.59E-03	8.84E-03	4.80E-02	0.00E+00	9.98E-09	1.79E-02	1.26E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	9.13E-03	0.00E+00	0.00E+00	4.80E-02
1198	CARTGRID	1	372400	3764700	NonCancerAcute	1.04E-02	1.07E-02	5.88E-02	0.00E+00	1.36E-08	2.21E-02	1.70E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.88E-02
1199	CARTGRID	1	372500	3764700	NonCancerAcute	1.14E-02	1.17E-02	6.33E-02	0.00E+00	1.39E-08	2.33E-02	1.73E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	6.33E-02
1200	CARTGRID	1	372600	3764700	NonCancerAcute	9.36E-03	9.63E-03	5.22E-02	0.00E+00	1.37E-08	1.94E-02	1.68E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	5.22E-02
1201	CARTGRID	1	372700	3764700	NonCancerAcute	8.61E-03	8.85E-03	4.78E-02	0.00E+00	1.05E-08	1.76E-02	1.32E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	4.78E-02
1202	CARTGRID	1	372800	3764700	NonCancerAcute	8.59E-03	8.82E-03	4.73E-02	0.00E+00	9.94E-09	1.71E-02	1.24E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	4.73E-02
1203	CARTGRID	1	372900	3764700	NonCancerAcute	7.75E-03	7.97E-03	4.30E-02	0.00E+00	9.83E-09	1.58E-02	1.22E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	4.30E-02
1204	CARTGRID	1	373000	3764700	NonCancerAcute	7.41E-03	7.62E-03	4.12E-02	0.00E+00	9.91E-09	1.52E-02	1.23E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	4.12E-02
1205	CARTGRID	1	373100	3764700	NonCancerAcute	7.29E-03	7.50E-03	4.04E-02	0.00E+00	1.01E-08	1.48E-02	1.25E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	4.04E-02
1206	CARTGRID	1	373200	3764700	NonCancerAcute	7.19E-03	7.40E-03	4.00E-02	0.00E+00	1.12E-08	1.48E-02	1.37E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	4.00E-02
1207	CARTGRID	1	373300	3764700	NonCancerAcute	8.03E-03	8.27E-03	4.47E-02	0.00E+00	1.68E-08	1.66E-02	2.03E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	4.47E-02
1208	CARTGRID	1	373400	3764700	NonCancerAcute	9.50E-03	9.77E-03	5.33E-02	0.00E+00	1.82E-08	2.00E-02	2.20E-02	0.00E+00	2.45E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.33E-02
1209	CARTGRID	1	373500	3764700	NonCancerAcute	8.90E-03	9.16E-03	5.05E-02	0.00E+00	1.90E-08	1.93E-02	2.29E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.05E-02
1210	CARTGRID	1	373600	3764700	NonCancerAcute	8.24E-03	8.49E-03	4.67E-02	0.00E+00	1.88E-08	1.79E-02	2.26E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	4.67E-02
1211	CARTGRID	1	373700	3764700	NonCancerAcute	6.57E-03	6.78E-03	3.68E-02	0.00E+00	1.61E-08	1.39E-02	1.93E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	7.13E-03	0.00E+00	0.00E+00	3.68E-02
1212	CARTGRID	1	373800	3764700	NonCancerAcute	6.32E-03	6.52E-03	3.52E-02	0.00E+00	1.34E-08	1.31E-02	1.62E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	6.60E-03	0.00E+00	0.00E+00	3.52E-02
1213	CARTGRID	1	373900	3764700	NonCancerAcute	5.79E-03	5.96E-03	3.21E-02	0.00E+00	1.24E-08	1.18E-02	1.49E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	3.21E-02
1214	CARTGRID	1	374000	3764700	NonCancerAcute	5.62E-03	5.78E-03	3.12E-02	0.00E+00	1.22E-08	1.16E-02	1.47E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	3.12E-02
1215	CARTGRID	1	374100	3764700	NonCancerAcute	5.26E-03	5.42E-03	2.93E-02	0.00E+00	1.17E-08	1.09E-02	1.41E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	2.93E-02
1216	CARTGRID	1	374200	3764700	NonCancerAcute	4.76E-03	4.91E-03	2.66E-02	0.00E+00	1.03E-08	9.95E-03	1.24E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	2.66E-02
1217	CARTGRID	1	374300	3764700	NonCancerAcute	4.39E-03	4.52E-03	2.46E-02	0.00E+00	9.63E-09	9.25E-03	1.16E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	2.46E-02
1218	CARTGRID	1	374400	3764700	NonCancerAcute	4.18E-03	4.31E-03	2.34E-02	0.00E+00	8.64E-09	8.81E-03	1.04E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.34E-02
1219	CARTGRID	1	374500	3764700	NonCancerAcute	4.01E-03	4.14E-03	2.23E-02	0.00E+00	7.86E-09	8.30E-03	9.52E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	2.23E-02
1220	CARTGRID	1	374600	3764700	NonCancerAcute	3.79E-03	3.91E-03	2.12E-02	0.00E+00	7.76E-09	7.92E-03	9.38E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	2.12E-02
1221	CARTGRID	1	374700	3764700	NonCancerAcute	3.66E-03	3.77E-03	2.04E-02	0.00E+00	7.13E-09	7.61E-03	8.66E-03	0.00E+00	9.73E-03	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	2.04E-02
1222	CARTGRID	1	374800	3764700	NonCancerAcute	3.52E-03	3.63E-03	1.96E-02	0.00E+00	6.77E-09	7.32E-03	8.22E-03	0.00E+00	9.25E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	1.96E-02
1223	CARTGRID	1	374900	3764700	NonCancerAcute	3.33E-03	3.43E-03	1.85E-02	0.00E+00	6.54E-09	6.93E-03	7.93E-03	0.00E+00	8.91E-03	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	1.85E-02
1224	CARTGRID	1	375000	3764700	NonCancerAcute	3.22E-03	3.32E-03	1.79E-02	0.00E+00	6.25E-09	6.66E-03	7.59E-03	0.00E+00	8.54E-03	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	1.79E-02
1225	CARTGRID	1	371500	3764800	NonCancerAcute	3.78E-03	3.88E-03	2.07E-02	0.00E+00	4.26E-09	7.43E-03	5.36E-03	0.00E+00	6.22E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	2.07E-02
1226	CARTGRID	1	371600	3764800	NonCancerAcute	4.03E-03	4.14E-03	2.21E-02	0.00E+00	4.32E-09	7.94E-03	5.47E-03	0.00E+00	6.37E-03	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	2.21E-02
1227	CARTGRID	1	371700	3764800	NonCancerAcute	4.19E-03	4.31E-03	2.31E-02	0.00E+00	4.74E-09	8.44E-03	5.98E-03	0.00E+00	6.95E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	2.31E-02
1228	CARTGRID	1	371800	3764800	NonCancerAcute	4.65E-03	4.78E-03	2.57E-02	0.00E+00	5.03E-09	9.32E-03	6.37E-03	0.00E+00	7.41E-03	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	2.57E-02
1229	CARTGRID	1	371900	3764800	NonCancerAcute	5.05E-03	5.19E-03	2.80E-02	0.00E+00	5.45E-09	1.03E-02	6.92E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	5.16E-03	0.00E+00	0.00E+00	2.80E-02
1230	CARTGRID	1	372000	3764800	NonCancerAcute	5.54E-03	5.71E-03	3.10E-02	0.00E+00	6.48E-09	1.16E-02	8.18E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	3.10E-02
1231	CARTGRID	1	372100	3764800	NonCancerAcute	6.16E-03	6.34E-03	3.43E-02	0.00E+00	6.99E-09	1.28E-02	8.86E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	3.43E-02
1232	CARTGRID	1	372200	3764800	NonCancerAcute	6.71E-03	6.90E-03	3.73E-02	0.00E+00	7.41E-09	1.38E-02	9.40E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	3.73E-02
1233	CARTGRID	1	372300	3764800	NonCancerAcute	9.21E-03	9.46E-03	5.14E-02	0.00E+00	1.23E-08	1.91E-02	1.53E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	9.68E-03	0.00E+00	0.00E+00	5.14E-02
1234	CARTGRID	1	372400	3764800	NonCancerAcute	1.00E-02	1.03E-02	5.59E-02	0.00E+00	1.22E-08	2.06E-02	1.52E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.59E-02
1235	CARTGRID	1	372500	3764800	NonCancerAcute	1.01E-02	1.04E-02	5.65E-02	0.00E+00	1.30E-08	2.08E-02	1.61E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.65E-02
1236	CARTGRID	1	372600	3764800	NonCancerAcute	8.28E-03	8.52E-03	4.62E-02	0.00E+00	1.34E-08	1.72E-02	1.65E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	8.75E-03	0.00E+00	0.00E+00	4.62E-02
1237	CARTGRID	1	372700	3764800	NonCancerAcute	7.55E-03	7.76E-03	4.18E-02	0.00E+00	9.49E-09	1.53E-02	1.19E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	4.18E-02
1238	CARTGRID	1	372800	3764800	NonCancerAcute	7.42E-03	7.62E-03	4.09E-02	0.00E+00	8.78E-09	1.48E-02	1.10E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	7.26E-03	0.00E+00	0.00E+00	4.09E-02
1239	CARTGRID	1	372900	3764800	NonCancerAcute	7.03E-03	7.22E-03	3.89E-02	0.00E+00	9.10E-09	1.42E-02	1.13E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	3.89E-02
1240	CARTGRID	1	373000	3764800	NonCancerAcute	6.64E-03	6.83E-03	3.69E-02	0.00E+00	9.12E-09	1.36E-02	1.13E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	3.69E-02
1241	CARTGRID	1	373100	3764800	NonCancerAcute	6.52E-03	6.70E-03	3.61E-02	0.00E+00	9.20E-09	1.32E-02	1.14E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	3.61E-02
1242	CARTGRID	1	373200	3764800	NonCancerAcute	6.78E-03	6.98E-03	3.76E-02	0.00E+00	1.06E-08	1.38E-02	1.30E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	3.76E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1243	CARTGRID	1	373300	3764800	NonCancerAcute	7.14E-03	7.36E-03	3.99E-02	0.00E+00	1.60E-08	1.49E-02	1.93E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	3.99E-02
1244	CARTGRID	1	373400	3764800	NonCancerAcute	7.42E-03	7.65E-03	4.17E-02	0.00E+00	1.82E-08	1.57E-02	2.18E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	4.17E-02
1245	CARTGRID	1	373500	3764800	NonCancerAcute	6.60E-03	6.80E-03	3.66E-02	0.00E+00	1.27E-08	1.35E-02	1.53E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	3.66E-02
1246	CARTGRID	1	373600	3764800	NonCancerAcute	5.95E-03	6.13E-03	3.31E-02	0.00E+00	1.21E-08	1.23E-02	1.46E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	3.31E-02
1247	CARTGRID	1	373700	3764800	NonCancerAcute	5.50E-03	5.67E-03	3.08E-02	0.00E+00	1.11E-08	1.15E-02	1.34E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	3.08E-02
1248	CARTGRID	1	373800	3764800	NonCancerAcute	5.25E-03	5.40E-03	2.93E-02	0.00E+00	9.82E-09	1.10E-02	1.19E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	2.93E-02
1249	CARTGRID	1	373900	3764800	NonCancerAcute	4.93E-03	5.08E-03	2.75E-02	0.00E+00	1.01E-08	1.02E-02	1.21E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	2.75E-02
1250	CARTGRID	1	374000	3764800	NonCancerAcute	4.80E-03	4.94E-03	2.68E-02	0.00E+00	9.50E-09	1.00E-02	1.15E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	2.68E-02
1251	CARTGRID	1	374100	3764800	NonCancerAcute	4.57E-03	4.71E-03	2.56E-02	0.00E+00	9.34E-09	9.63E-03	1.13E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	2.56E-02
1252	CARTGRID	1	374200	3764800	NonCancerAcute	4.34E-03	4.47E-03	2.43E-02	0.00E+00	8.77E-09	9.11E-03	1.06E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.43E-02
1253	CARTGRID	1	374300	3764800	NonCancerAcute	4.15E-03	4.28E-03	2.32E-02	0.00E+00	8.57E-09	8.68E-03	1.03E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	2.32E-02
1254	CARTGRID	1	374400	3764800	NonCancerAcute	3.90E-03	4.02E-03	2.18E-02	0.00E+00	8.20E-09	8.22E-03	9.90E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	2.18E-02
1255	CARTGRID	1	374500	3764800	NonCancerAcute	3.72E-03	3.83E-03	2.08E-02	0.00E+00	7.44E-09	7.80E-03	9.02E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	2.08E-02
1256	CARTGRID	1	374600	3764800	NonCancerAcute	3.61E-03	3.72E-03	2.01E-02	0.00E+00	7.09E-09	7.50E-03	8.59E-03	0.00E+00	9.65E-03	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	2.01E-02
1257	CARTGRID	1	374700	3764800	NonCancerAcute	3.47E-03	3.58E-03	1.94E-02	0.00E+00	6.93E-09	7.24E-03	8.40E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	1.94E-02
1258	CARTGRID	1	374800	3764800	NonCancerAcute	3.41E-03	3.51E-03	1.89E-02	0.00E+00	6.34E-09	7.02E-03	7.72E-03	0.00E+00	8.70E-03	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	1.89E-02
1259	CARTGRID	1	374900	3764800	NonCancerAcute	3.25E-03	3.35E-03	1.81E-02	0.00E+00	6.10E-09	6.71E-03	7.41E-03	0.00E+00	8.35E-03	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	1.81E-02
1260	CARTGRID	1	375000	3764800	NonCancerAcute	3.10E-03	3.20E-03	1.72E-02	0.00E+00	5.90E-09	6.39E-03	7.17E-03	0.00E+00	8.06E-03	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	1.72E-02
1261	CARTGRID	1	371500	3764900	NonCancerAcute	3.67E-03	3.77E-03	2.01E-02	0.00E+00	4.14E-09	7.19E-03	5.21E-03	0.00E+00	6.04E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	2.01E-02
1262	CARTGRID	1	371600	3764900	NonCancerAcute	3.81E-03	3.92E-03	2.09E-02	0.00E+00	4.42E-09	7.55E-03	5.55E-03	0.00E+00	6.42E-03	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	2.09E-02
1263	CARTGRID	1	371700	3764900	NonCancerAcute	4.06E-03	4.18E-03	2.24E-02	0.00E+00	4.60E-09	8.09E-03	5.79E-03	0.00E+00	6.72E-03	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	2.24E-02
1264	CARTGRID	1	371800	3764900	NonCancerAcute	4.25E-03	4.37E-03	2.35E-02	0.00E+00	4.87E-09	8.59E-03	6.13E-03	0.00E+00	7.11E-03	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	2.35E-02
1265	CARTGRID	1	371900	3764900	NonCancerAcute	4.39E-03	4.52E-03	2.45E-02	0.00E+00	5.12E-09	9.10E-03	6.46E-03	0.00E+00	7.51E-03	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	2.45E-02
1266	CARTGRID	1	372000	3764900	NonCancerAcute	5.12E-03	5.27E-03	2.86E-02	0.00E+00	6.09E-09	1.06E-02	7.69E-03	0.00E+00	8.93E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	2.86E-02
1267	CARTGRID	1	372100	3764900	NonCancerAcute	5.61E-03	5.77E-03	3.11E-02	0.00E+00	6.27E-09	1.14E-02	7.92E-03	0.00E+00	9.20E-03	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	3.11E-02
1268	CARTGRID	1	372200	3764900	NonCancerAcute	6.06E-03	6.23E-03	3.35E-02	0.00E+00	7.10E-09	1.23E-02	8.94E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	3.35E-02
1269	CARTGRID	1	372300	3764900	NonCancerAcute	6.81E-03	7.01E-03	3.78E-02	0.00E+00	1.00E-08	1.40E-02	1.24E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	3.78E-02
1270	CARTGRID	1	372400	3764900	NonCancerAcute	8.79E-03	9.04E-03	4.90E-02	0.00E+00	1.20E-08	1.81E-02	1.49E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	9.12E-03	0.00E+00	0.00E+00	4.90E-02
1271	CARTGRID	1	372500	3764900	NonCancerAcute	9.19E-03	9.44E-03	5.12E-02	0.00E+00	1.26E-08	1.89E-02	1.55E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	9.47E-03	0.00E+00	0.00E+00	5.12E-02
1272	CARTGRID	1	372600	3764900	NonCancerAcute	7.25E-03	7.46E-03	4.03E-02	0.00E+00	1.16E-08	1.49E-02	1.42E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	4.03E-02
1273	CARTGRID	1	372700	3764900	NonCancerAcute	6.86E-03	7.05E-03	3.79E-02	0.00E+00	8.93E-09	1.39E-02	1.11E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	6.90E-03	0.00E+00	0.00E+00	3.79E-02
1274	CARTGRID	1	372800	3764900	NonCancerAcute	6.32E-03	6.49E-03	3.50E-02	0.00E+00	8.19E-09	1.28E-02	1.02E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	3.50E-02
1275	CARTGRID	1	372900	3764900	NonCancerAcute	6.06E-03	6.23E-03	3.36E-02	0.00E+00	7.90E-09	1.23E-02	9.82E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	3.36E-02
1276	CARTGRID	1	373000	3764900	NonCancerAcute	5.95E-03	6.12E-03	3.30E-02	0.00E+00	8.19E-09	1.21E-02	1.01E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	3.30E-02
1277	CARTGRID	1	373100	3764900	NonCancerAcute	5.84E-03	6.01E-03	3.23E-02	0.00E+00	8.20E-09	1.19E-02	1.01E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	3.23E-02
1278	CARTGRID	1	373200	3764900	NonCancerAcute	5.80E-03	5.97E-03	3.22E-02	0.00E+00	8.82E-09	1.19E-02	1.08E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.95E-03	0.00E+00	0.00E+00	3.22E-02
1279	CARTGRID	1	373300	3764900	NonCancerAcute	6.30E-03	6.48E-03	3.49E-02	0.00E+00	1.15E-08	1.29E-02	1.39E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	3.49E-02
1280	CARTGRID	1	373400	3764900	NonCancerAcute	6.00E-03	6.18E-03	3.32E-02	0.00E+00	1.10E-08	1.21E-02	1.33E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	3.32E-02
1281	CARTGRID	1	373500	3764900	NonCancerAcute	5.64E-03	5.80E-03	3.13E-02	0.00E+00	1.01E-08	1.15E-02	1.23E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	3.13E-02
1282	CARTGRID	1	373600	3764900	NonCancerAcute	5.37E-03	5.53E-03	2.99E-02	0.00E+00	9.81E-09	1.11E-02	1.19E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	2.99E-02
1283	CARTGRID	1	373700	3764900	NonCancerAcute	4.87E-03	5.02E-03	2.73E-02	0.00E+00	9.27E-09	1.02E-02	1.12E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	2.73E-02
1284	CARTGRID	1	373800	3764900	NonCancerAcute	4.70E-03	4.85E-03	2.63E-02	0.00E+00	8.56E-09	9.88E-03	1.04E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	2.63E-02
1285	CARTGRID	1	373900	3764900	NonCancerAcute	4.44E-03	4.58E-03	2.48E-02	0.00E+00	8.96E-09	9.32E-03	1.08E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	2.48E-02
1286	CARTGRID	1	374000	3764900	NonCancerAcute	4.33E-03	4.47E-03	2.42E-02	0.00E+00	8.55E-09	9.07E-03	1.04E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	2.42E-02
1287	CARTGRID	1	374100	3764900	NonCancerAcute	4.15E-03	4.28E-03	2.33E-02	0.00E+00	8.25E-09	8.81E-03	9.99E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	2.33E-02
1288	CARTGRID	1	374200	3764900	NonCancerAcute	3.98E-03	4.10E-03	2.23E-02	0.00E+00	8.07E-09	8.42E-03	9.76E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	2.23E-02
1289	CARTGRID	1	374300	3764900	NonCancerAcute	3.86E-03	3.98E-03	2.16E-02	0.00E+00	7.80E-09	8.11E-03	9.44E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	2.16E-02
1290	CARTGRID	1	374400	3764900	NonCancerAcute	3.68E-03	3.80E-03	2.06E-02	0.00E+00	7.74E-09	7.75E-03	9.34E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	2.06E-02
1291	CARTGRID	1	374500	3764900	NonCancerAcute	3.53E-03	3.64E-03	1.97E-02	0.00E+00	7.05E-09	7.44E-03	8.55E-03	0.00E+00	9.60E-03	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	1.97E-02
1292	CARTGRID	1	374600	3764900	NonCancerAcute	3.41E-03	3.51E-03	1.90E-02	0.00E+00	6.66E-09	7.13E-03	8.08E-03	0.00E+00	9.09E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.90E-02
1293	CARTGRID	1	374700	3764900	NonCancerAcute	3.28E-03	3.38E-03	1.83E-02	0.00E+00	6.46E-09	6.86E-03	7.84E-03	0.00E+00	8.80E-03	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	1.83E-02
1294	CARTGRID	1	374800	3764900	NonCancerAcute	3.20E-03	3.30E-03	1.79E-02	0.00E+00	6.26E-09	6.68E-03	7.60E-03	0.00E+00	8.54E-03	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	1.79E-02
1295	CARTGRID	1	374900	3764900	NonCancerAcute	3.18E-03	3.28E-03	1.76E-02	0.00E+00	5.68E-09	6.50E-03	6.93E-03	0.00E+00	7.83E-03	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	1.76E-02
1296	CARTGRID	1	375000	3764900	NonCancerAcute	3.01E-03	3.10E-03	1.67E-02	0.00E+00	5.52E-09	6.18E-03	6.72E-03	0.00E+00	7.58E-03	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	1.67E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1297	SENSITIV	Star Sch	371655	3764335	NonCancerAcute	4.83E-03	4.98E-03	2.70E-02	0.00E+00	5.47E-09	1.01E-02	6.95E-03	0.00E+00	8.14E-03	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	2.70E-02
1298	SENSITIV	Village	371602	3765015	NonCancerAcute	3.61E-03	3.71E-03	1.99E-02	0.00E+00	4.26E-09	7.24E-03	5.35E-03	0.00E+00	6.19E-03	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	1.99E-02
1299	SENSITIV	Linwood	371458	3765442	NonCancerAcute	2.65E-03	2.73E-03	1.48E-02	0.00E+00	3.48E-09	5.51E-03	4.36E-03	0.00E+00	5.04E-03	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	1.48E-02
1300	SENSITIV	Willows	372537	3765521	NonCancerAcute	3.42E-03	3.52E-03	1.89E-02	0.00E+00	4.79E-09	6.94E-03	5.94E-03	0.00E+00	6.80E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.89E-02
1301	SENSITIV	Baldwin	373913	3765441	NonCancerAcute	3.19E-03	3.29E-03	1.79E-02	0.00E+00	5.51E-09	6.72E-03	6.74E-03	0.00E+00	7.64E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.79E-02
1302	SENSITIV	Hillcres	375384	3764569	NonCancerAcute	2.71E-03	2.80E-03	1.51E-02	0.00E+00	5.64E-09	5.71E-03	6.84E-03	0.00E+00	7.69E-03	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	1.51E-02
1303	SENSITIV	Windssor	374735	3762558	NonCancerAcute	6.20E-03	6.52E-03	3.92E-02	0.00E+00	1.39E-08	1.81E-02	1.73E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	3.92E-02
1304	SENSITIV	Communit	374502	3761177	NonCancerAcute	2.99E-03	3.12E-03	1.76E-02	0.00E+00	5.50E-09	7.34E-03	6.86E-03	0.00E+00	7.94E-03	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	1.76E-02
1305	SENSITIV	ICEF Sch	373575	3761806	NonCancerAcute	5.45E-03	5.66E-03	3.19E-02	0.00E+00	9.30E-09	1.30E-02	1.16E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	3.19E-02
1306	SENSITIV	La Tijer	373549	3760990	NonCancerAcute	3.23E-03	3.34E-03	1.83E-02	0.00E+00	5.00E-09	7.08E-03	6.22E-03	0.00E+00	7.19E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	1.83E-02
1307	SENSITIV	Frank Pa	372980	3761081	NonCancerAcute	3.13E-03	3.23E-03	1.75E-02	0.00E+00	4.77E-09	6.67E-03	5.93E-03	0.00E+00	6.86E-03	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	1.75E-02
1308	SENSITIV	El Rinco	371566	3762615	NonCancerAcute	3.79E-03	3.90E-03	2.10E-02	0.00E+00	5.45E-09	7.75E-03	6.77E-03	0.00E+00	7.77E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	2.10E-02
1309	SENSITIV	West La	372008	3763263	NonCancerAcute	6.89E-03	7.08E-03	3.80E-02	0.00E+00	8.04E-09	1.38E-02	1.01E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	3.80E-02
1310	SENSITIV	We LA Co	372011	3763812	NonCancerAcute	7.45E-03	7.67E-03	4.20E-02	0.00E+00	8.21E-09	1.60E-02	1.05E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	4.20E-02
1311	SENSITIV	Culver C	370802	3763850	NonCancerAcute	2.91E-03	3.00E-03	1.62E-02	0.00E+00	3.92E-09	6.05E-03	4.91E-03	0.00E+00	5.68E-03	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	1.62E-02
1312	CENSUS	0	372901	3765440	NonCancerAcute	3.71E-03	3.82E-03	2.05E-02	0.00E+00	5.30E-09	7.53E-03	6.56E-03	0.00E+00	7.49E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	2.05E-02
1313	CENSUS	0	372959.8	3765435	NonCancerAcute	3.72E-03	3.83E-03	2.06E-02	0.00E+00	5.42E-09	7.55E-03	6.69E-03	0.00E+00	7.64E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	2.06E-02
1314	CENSUS	0	372842.8	3765524	NonCancerAcute	3.45E-03	3.55E-03	1.91E-02	0.00E+00	5.02E-09	7.00E-03	6.20E-03	0.00E+00	7.09E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	1.91E-02
1315	CENSUS	66	373420.8	3765485	NonCancerAcute	3.44E-03	3.54E-03	1.91E-02	0.00E+00	5.76E-09	7.03E-03	7.05E-03	0.00E+00	7.98E-03	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	1.91E-02
1316	CENSUS	29	373545.6	3765515	NonCancerAcute	3.28E-03	3.38E-03	1.83E-02	0.00E+00	5.60E-09	6.84E-03	6.86E-03	0.00E+00	7.78E-03	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	1.83E-02
1317	CENSUS	44	375225.2	3761771	NonCancerAcute	3.15E-03	3.30E-03	1.88E-02	0.00E+00	7.84E-09	8.04E-03	9.59E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	1.88E-02
1318	CENSUS	0	375106.2	3761773	NonCancerAcute	3.64E-03	3.81E-03	2.17E-02	0.00E+00	8.99E-09	9.18E-03	1.10E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	2.17E-02
1319	CENSUS	14	375102.8	3761696	NonCancerAcute	3.66E-03	3.81E-03	2.16E-02	0.00E+00	8.42E-09	9.03E-03	1.03E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	2.16E-02
1320	CENSUS	633	373341.1	3764878	NonCancerAcute	6.42E-03	6.61E-03	3.56E-02	0.00E+00	1.23E-08	1.32E-02	1.49E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	6.58E-03	0.00E+00	0.00E+00	3.56E-02
1321	CENSUS	0	374183.5	3763735	NonCancerAcute	1.02E-02	1.06E-02	5.90E-02	0.00E+00	2.90E-08	2.34E-02	3.45E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.90E-02
1322	CENSUS	62	374306.4	3764163	NonCancerAcute	8.68E-03	8.94E-03	4.92E-02	0.00E+00	1.89E-08	1.88E-02	2.27E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	9.94E-03	0.00E+00	0.00E+00	4.92E-02
1323	CENSUS	200	374206.1	3764354	NonCancerAcute	6.81E-03	7.03E-03	3.85E-02	0.00E+00	2.22E-08	1.48E-02	2.62E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	3.85E-02
1324	CENSUS	0	373212.5	3764361	NonCancerAcute	1.02E-02	1.05E-02	5.73E-02	0.00E+00	1.54E-08	2.14E-02	1.90E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.73E-02
1325	CENSUS	64	373975.1	3764905	NonCancerAcute	4.36E-03	4.49E-03	2.43E-02	0.00E+00	8.77E-09	9.07E-03	1.06E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	2.43E-02
1326	CENSUS	0	374058.3	3763929	NonCancerAcute	1.12E-02	1.16E-02	6.52E-02	0.00E+00	3.65E-08	2.60E-02	4.32E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.52E-02
1327	CENSUS	0	373575.9	3764344	NonCancerAcute	1.03E-02	1.06E-02	5.86E-02	0.00E+00	2.84E-08	2.25E-02	3.37E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.86E-02
1328	CENSUS	0	373533.5	3763998	NonCancerAcute	1.36E-02	1.40E-02	7.71E-02	0.00E+00	3.33E-08	2.94E-02	3.97E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	7.71E-02
1329	CENSUS	0	373574.1	3763737	NonCancerAcute	1.99E-02	2.04E-02	1.13E-01	0.00E+00	5.73E-08	4.30E-02	6.74E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.13E-01
1330	CENSUS	0	373994.8	3763455	NonCancerAcute	1.66E-02	1.72E-02	9.93E-02	0.00E+00	1.07E-07	4.19E-02	1.25E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.33E-01
1331	CENSUS	0	373228.7	3764370	NonCancerAcute	1.01E-02	1.04E-02	5.65E-02	0.00E+00	1.55E-08	2.11E-02	1.91E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.65E-02
1332	CENSUS	0	373570.9	3763152	NonCancerAcute	3.36E-02	3.58E-02	1.84E-01	0.00E+00	7.20E-08	7.36E-02	9.19E-02	0.00E+00	1.13E-01	0.00E+00	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.84E-01
1333	CENSUS	0	374562.5	3762669	NonCancerAcute	7.89E-03	8.32E-03	5.07E-02	0.00E+00	1.75E-08	2.40E-02	2.19E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	5.07E-02
1334	CENSUS	0	374586.4	3762717	NonCancerAcute	7.53E-03	7.93E-03	4.82E-02	0.00E+00	1.75E-08	2.27E-02	2.18E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	4.82E-02
1335	CENSUS	0	373224	3764274	NonCancerAcute	1.11E-02	1.14E-02	6.24E-02	0.00E+00	1.72E-08	2.36E-02	2.11E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.24E-02
1336	CENSUS	0	373399.9	3763529	NonCancerAcute	4.28E-02	4.39E-02	2.48E-01	0.00E+00	1.11E-07	9.64E-02	1.31E-01	0.00E+00	1.44E-01	0.00E+00	0.00E+00	5.29E-02	0.00E+00	0.00E+00	2.48E-01
1337	CENSUS	0	374207.1	3763730	NonCancerAcute	1.01E-02	1.04E-02	5.81E-02	0.00E+00	2.67E-08	2.29E-02	3.18E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.81E-02
1338	CENSUS	0	374002.6	3763649	NonCancerAcute	1.44E-02	1.49E-02	8.41E-02	0.00E+00	1.04E-07	3.38E-02	1.20E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	1.27E-01
1339	CENSUS	58	373923.7	3764375	NonCancerAcute	9.30E-03	9.59E-03	5.32E-02	0.00E+00	2.09E-08	2.07E-02	2.51E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.32E-02
1340	CENSUS	0	373211.1	3763939	NonCancerAcute	1.92E-02	1.98E-02	1.11E-01	0.00E+00	3.66E-08	4.44E-02	4.46E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.11E-01
1341	CENSUS	0	374739.8	3764202	NonCancerAcute	4.66E-03	4.81E-03	2.60E-02	0.00E+00	1.03E-08	9.73E-03	1.24E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	2.60E-02
1342	CENSUS	0	374567.6	3763540	NonCancerAcute	7.58E-03	7.84E-03	4.34E-02	0.00E+00	2.53E-08	1.71E-02	2.99E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	9.31E-03	0.00E+00	0.00E+00	4.34E-02
1343	CENSUS	0	373553.1	3762847	NonCancerAcute	1.83E-02	1.90E-02	1.10E-01	0.00E+00	2.77E-08	4.66E-02	3.51E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.10E-01
1344	CENSUS	0	373535	3762809	NonCancerAcute	1.68E-02	1.75E-02	9.99E-02	0.00E+00	2.73E-08	4.20E-02	3.43E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	2.47E-02	0.00E+00	0.00E+00	9.99E-02
1345	CENSUS	281	373791.6	3765248	NonCancerAcute	3.66E-03	3.77E-03	2.04E-02	0.00E+00	6.43E-09	7.65E-03	7.85E-03	0.00E+00	8.87E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	2.04E-02
1346	CENSUS	28	373496.8	3765365	NonCancerAcute	3.61E-03	3.72E-03	2.01E-02	0.00E+00	6.19E-09	7.50E-03	7.59E-03	0.00E+00	8.60E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	2.01E-02
1347	CENSUS	49	373469.1	3765289	NonCancerAcute	3.79E-03	3.91E-03	2.11E-02	0.00E+00	6.57E-09	7.86E-03	8.04E-03	0.00E+00	9.10E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	2.11E-02
1348	CENSUS	42	373683.4	3765283	NonCancerAcute	3.67E-03	3.78E-03	2.05E-02	0.00E+00	6.56E-09	7.64E-03	8.00E-03	0.00E+00	9.02E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	2.05E-02
1349	CENSUS	51	373675.1	3765195	NonCancerAcute	3.90E-03	4.01E-03	2.17E-02	0.00E+00	6.96E-09	8.09E-03	8.48E-03	0.00E+00	9.56E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	2.17E-02
1350	CENSUS	63	373464.1	3765195	NonCancerAcute	4.01E-03	4.13E-03	2.23E-02	0.00E+00	7.00E-09	8.34E-03	8.56E-03	0.00E+00	9.69E-03	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	2.23E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1351	CENSUS	57	373658.4	3765109	NonCancerAcute	4.11E-03	4.24E-03	2.29E-02	0.00E+00	7.38E-09	8.56E-03	9.00E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.29E-02
1352	CENSUS	61	373538.4	3765085	NonCancerAcute	4.27E-03	4.41E-03	2.39E-02	0.00E+00	7.59E-09	8.92E-03	9.27E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	2.39E-02
1353	CENSUS	63	373553.3	3765033	NonCancerAcute	4.47E-03	4.60E-03	2.49E-02	0.00E+00	7.93E-09	9.31E-03	9.67E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	2.49E-02
1354	CENSUS	93	373563	3764944	NonCancerAcute	5.09E-03	5.24E-03	2.83E-02	0.00E+00	8.98E-09	1.05E-02	1.09E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.83E-02
1355	CENSUS	36	373327.1	3765246	NonCancerAcute	4.13E-03	4.25E-03	2.29E-02	0.00E+00	6.82E-09	8.42E-03	8.34E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	2.29E-02
1356	CENSUS	7	373281.8	3765223	NonCancerAcute	4.21E-03	4.33E-03	2.34E-02	0.00E+00	6.97E-09	8.61E-03	8.53E-03	0.00E+00	9.64E-03	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	2.34E-02
1357	CENSUS	281	373157.1	3765299	NonCancerAcute	4.11E-03	4.23E-03	2.27E-02	0.00E+00	6.17E-09	8.34E-03	7.60E-03	0.00E+00	8.66E-03	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	2.27E-02
1358	CENSUS	165	373021.9	3765293	NonCancerAcute	4.11E-03	4.23E-03	2.27E-02	0.00E+00	6.02E-09	8.37E-03	7.44E-03	0.00E+00	8.48E-03	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	2.27E-02
1359	CENSUS	0	372873.5	3765268	NonCancerAcute	4.23E-03	4.35E-03	2.34E-02	0.00E+00	5.92E-09	8.58E-03	7.33E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	2.34E-02
1360	CENSUS	0	372868.1	3765410	NonCancerAcute	3.77E-03	3.88E-03	2.09E-02	0.00E+00	5.43E-09	7.65E-03	6.72E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	2.09E-02
1361	CENSUS	0	372829.3	3765399	NonCancerAcute	3.81E-03	3.92E-03	2.11E-02	0.00E+00	5.40E-09	7.74E-03	6.68E-03	0.00E+00	7.64E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	2.11E-02
1362	CENSUS	0	372798.7	3765409	NonCancerAcute	3.76E-03	3.87E-03	2.08E-02	0.00E+00	5.37E-09	7.66E-03	6.64E-03	0.00E+00	7.59E-03	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	2.08E-02
1363	CENSUS	0	372822.8	3765083	NonCancerAcute	4.96E-03	5.10E-03	2.75E-02	0.00E+00	6.67E-09	1.01E-02	8.28E-03	0.00E+00	9.47E-03	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	2.75E-02
1364	CENSUS	219	373159.3	3765138	NonCancerAcute	4.65E-03	4.78E-03	2.57E-02	0.00E+00	7.02E-09	9.42E-03	8.64E-03	0.00E+00	9.83E-03	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.57E-02
1365	CENSUS	34	373100.9	3765105	NonCancerAcute	4.84E-03	4.98E-03	2.68E-02	0.00E+00	7.05E-09	9.81E-03	8.69E-03	0.00E+00	9.90E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	2.68E-02
1366	CENSUS	0	372877	3765011	NonCancerAcute	5.20E-03	5.35E-03	2.89E-02	0.00E+00	7.20E-09	1.07E-02	8.92E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	2.89E-02
1367	CENSUS	0	372787.6	3765009	NonCancerAcute	5.44E-03	5.59E-03	3.00E-02	0.00E+00	7.01E-09	1.09E-02	8.71E-03	0.00E+00	9.99E-03	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	3.00E-02
1368	CENSUS	86	375028.5	3763952	NonCancerAcute	5.60E-03	5.78E-03	3.18E-02	0.00E+00	1.60E-08	1.23E-02	1.90E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	3.18E-02
1369	CENSUS	45	374938.3	3763776	NonCancerAcute	6.40E-03	6.62E-03	3.69E-02	0.00E+00	1.59E-08	1.47E-02	1.91E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	3.69E-02
1370	CENSUS	312	375139.4	3763557	NonCancerAcute	5.46E-03	5.65E-03	3.13E-02	0.00E+00	1.62E-08	1.24E-02	1.93E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	3.13E-02
1371	CENSUS	36	374915.5	3763494	NonCancerAcute	7.05E-03	7.30E-03	4.08E-02	0.00E+00	1.69E-08	1.63E-02	2.04E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	9.06E-03	0.00E+00	0.00E+00	4.08E-02
1372	CENSUS	38	374990.1	3763475	NonCancerAcute	6.63E-03	6.86E-03	3.83E-02	0.00E+00	1.74E-08	1.52E-02	2.09E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	3.83E-02
1373	CENSUS	573	374849.3	3763917	NonCancerAcute	6.82E-03	7.05E-03	3.89E-02	0.00E+00	1.66E-08	1.51E-02	1.99E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	8.14E-03	0.00E+00	0.00E+00	3.89E-02
1374	CENSUS	115	374642.6	3763262	NonCancerAcute	8.01E-03	8.33E-03	4.78E-02	0.00E+00	2.09E-08	2.01E-02	2.52E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.78E-02
1375	CENSUS	40	374737.6	3763481	NonCancerAcute	7.79E-03	8.06E-03	4.53E-02	0.00E+00	1.78E-08	1.82E-02	2.15E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.53E-02
1376	CENSUS	249	374658.5	3762976	NonCancerAcute	7.80E-03	8.14E-03	4.75E-02	0.00E+00	1.80E-08	2.07E-02	2.20E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.75E-02
1377	CENSUS	188	374799.3	3763250	NonCancerAcute	7.64E-03	7.93E-03	4.49E-02	0.00E+00	2.00E-08	1.84E-02	2.40E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.49E-02
1378	CENSUS	58	374819.5	3763469	NonCancerAcute	7.60E-03	7.86E-03	4.40E-02	0.00E+00	1.80E-08	1.76E-02	2.17E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	4.40E-02
1379	CENSUS	0	374907.2	3763185	NonCancerAcute	6.13E-03	6.37E-03	3.56E-02	0.00E+00	1.86E-08	1.44E-02	2.22E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	3.56E-02
1380	CENSUS	29	374018.1	3761062	NonCancerAcute	3.21E-03	3.33E-03	1.86E-02	0.00E+00	5.40E-09	7.47E-03	6.72E-03	0.00E+00	7.77E-03	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	1.86E-02
1381	CENSUS	29	373923	3761058	NonCancerAcute	3.24E-03	3.36E-03	1.86E-02	0.00E+00	5.64E-09	7.41E-03	6.98E-03	0.00E+00	8.02E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	1.86E-02
1382	CENSUS	35	373820.9	3761065	NonCancerAcute	3.51E-03	3.63E-03	1.98E-02	0.00E+00	5.55E-09	7.63E-03	6.88E-03	0.00E+00	7.92E-03	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	1.98E-02
1383	CENSUS	47	373706	3761051	NonCancerAcute	3.40E-03	3.52E-03	1.93E-02	0.00E+00	5.21E-09	7.50E-03	6.50E-03	0.00E+00	7.52E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	1.93E-02
1384	CENSUS	32	373605.3	3761063	NonCancerAcute	3.27E-03	3.38E-03	1.87E-02	0.00E+00	5.28E-09	7.31E-03	6.56E-03	0.00E+00	7.57E-03	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	1.87E-02
1385	CENSUS	7	373549.5	3761089	NonCancerAcute	3.36E-03	3.48E-03	1.91E-02	0.00E+00	5.21E-09	7.43E-03	6.48E-03	0.00E+00	7.50E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	1.91E-02
1386	CENSUS	0	373507	3761025	NonCancerAcute	3.28E-03	3.39E-03	1.85E-02	0.00E+00	4.82E-09	7.13E-03	6.03E-03	0.00E+00	6.99E-03	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	1.85E-02
1387	CENSUS	8	373475.3	3761070	NonCancerAcute	3.34E-03	3.45E-03	1.89E-02	0.00E+00	4.92E-09	7.28E-03	6.15E-03	0.00E+00	7.14E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	1.89E-02
1388	CENSUS	14	373533.3	3760999	NonCancerAcute	3.26E-03	3.37E-03	1.84E-02	0.00E+00	4.94E-09	7.10E-03	6.15E-03	0.00E+00	7.12E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	1.84E-02
1389	CENSUS	2	373409.9	3761067	NonCancerAcute	3.38E-03	3.49E-03	1.90E-02	0.00E+00	5.04E-09	7.27E-03	6.28E-03	0.00E+00	7.25E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	1.90E-02
1390	CENSUS	17	373395.3	3761068	NonCancerAcute	3.37E-03	3.48E-03	1.90E-02	0.00E+00	5.05E-09	7.25E-03	6.29E-03	0.00E+00	7.26E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.90E-02
1391	CENSUS	8	373341.4	3761064	NonCancerAcute	3.31E-03	3.42E-03	1.87E-02	0.00E+00	4.95E-09	7.14E-03	6.17E-03	0.00E+00	7.13E-03	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	1.87E-02
1392	CENSUS	1	372462.7	3765415	NonCancerAcute	3.74E-03	3.85E-03	2.07E-02	0.00E+00	4.80E-09	7.54E-03	5.99E-03	0.00E+00	6.89E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	2.07E-02
1393	CENSUS	0	372420.1	3765502	NonCancerAcute	3.58E-03	3.68E-03	1.97E-02	0.00E+00	4.58E-09	7.15E-03	5.71E-03	0.00E+00	6.56E-03	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	1.97E-02
1394	CENSUS	0	372381.5	3765473	NonCancerAcute	3.72E-03	3.82E-03	2.04E-02	0.00E+00	4.49E-09	7.34E-03	5.61E-03	0.00E+00	6.46E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	2.04E-02
1395	CENSUS	0	372325.7	3765515	NonCancerAcute	3.65E-03	3.74E-03	2.00E-02	0.00E+00	4.38E-09	7.14E-03	5.48E-03	0.00E+00	6.30E-03	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	2.00E-02
1396	CENSUS	0	372221.5	3765533	NonCancerAcute	3.45E-03	3.54E-03	1.89E-02	0.00E+00	4.26E-09	6.85E-03	5.32E-03	0.00E+00	6.13E-03	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	1.89E-02
1397	CENSUS	0	372123.8	3765552	NonCancerAcute	3.25E-03	3.34E-03	1.79E-02	0.00E+00	4.16E-09	6.56E-03	5.18E-03	0.00E+00	5.96E-03	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	1.79E-02
1398	CENSUS	52	372049.8	3765430	NonCancerAcute	3.37E-03	3.47E-03	1.86E-02	0.00E+00	4.39E-09	6.81E-03	5.47E-03	0.00E+00	6.29E-03	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	1.86E-02
1399	CENSUS	357	371834.3	3765189	NonCancerAcute	3.58E-03	3.69E-03	1.98E-02	0.00E+00	4.33E-09	7.29E-03	5.44E-03	0.00E+00	6.30E-03	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	1.98E-02
1400	CENSUS	34	371751.7	3765300	NonCancerAcute	3.27E-03	3.36E-03	1.81E-02	0.00E+00	4.11E-09	6.67E-03	5.15E-03	0.00E+00	5.95E-03	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	1.81E-02
1401	CENSUS	38	371719.6	3765252	NonCancerAcute	3.26E-03	3.35E-03	1.81E-02	0.00E+00	4.03E-09	6.71E-03	5.07E-03	0.00E+00	5.88E-03	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	1.81E-02
1402	CENSUS	0	372407	3765342	NonCancerAcute	4.06E-03	4.17E-03	2.22E-02	0.00E+00	4.85E-09	7.98E-03	6.06E-03	0.00E+00	6.98E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	2.22E-02
1403	CENSUS	0	372195.6	3765359	NonCancerAcute	3.74E-03	3.84E-03	2.06E-02	0.00E+00	4.68E-09	7.47E-03	5.83E-03	0.00E+00	6.70E-03	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	2.06E-02
1404	CENSUS	0	372209.9	3765471	NonCancerAcute	3.48E-03	3.58E-03	1.92E-02	0.00E+00	4.40E-09	7.00E-03	5.50E-03	0.00E+00	6.32E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.92E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1405	CENSUS	0	372318.3	3765472	NonCancerAcute	3.74E-03	3.84E-03	2.05E-02	0.00E+00	4.47E-09	7.33E-03	5.59E-03	0.00E+00	6.43E-03	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	2.05E-02
1406	CENSUS	30	371687.3	3765205	NonCancerAcute	3.24E-03	3.34E-03	1.81E-02	0.00E+00	4.03E-09	6.73E-03	5.06E-03	0.00E+00	5.87E-03	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	1.81E-02
1407	CENSUS	37	371656.4	3765155	NonCancerAcute	3.27E-03	3.37E-03	1.82E-02	0.00E+00	4.12E-09	6.77E-03	5.17E-03	0.00E+00	5.98E-03	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	1.82E-02
1408	CENSUS	0	372554.2	3765547	NonCancerAcute	3.38E-03	3.47E-03	1.87E-02	0.00E+00	4.72E-09	6.82E-03	5.85E-03	0.00E+00	6.70E-03	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	1.87E-02
1409	CENSUS	0	372606	3765678	NonCancerAcute	3.18E-03	3.27E-03	1.76E-02	0.00E+00	4.55E-09	6.42E-03	5.63E-03	0.00E+00	6.43E-03	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	1.76E-02
1410	CENSUS	0	372396.9	3765534	NonCancerAcute	3.53E-03	3.63E-03	1.94E-02	0.00E+00	4.48E-09	7.02E-03	5.58E-03	0.00E+00	6.42E-03	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	1.94E-02
1411	CENSUS	0	372360.3	3765572	NonCancerAcute	3.48E-03	3.58E-03	1.91E-02	0.00E+00	4.32E-09	6.88E-03	5.39E-03	0.00E+00	6.20E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	1.91E-02
1412	CENSUS	0	372721.1	3765447	NonCancerAcute	3.67E-03	3.78E-03	2.03E-02	0.00E+00	5.19E-09	7.43E-03	6.43E-03	0.00E+00	7.34E-03	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	2.03E-02
1413	CENSUS	0	372799.3	3765492	NonCancerAcute	3.51E-03	3.61E-03	1.94E-02	0.00E+00	5.06E-09	7.14E-03	6.26E-03	0.00E+00	7.16E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	1.94E-02
1414	CENSUS	0	372770.7	3765454	NonCancerAcute	3.58E-03	3.69E-03	1.99E-02	0.00E+00	5.20E-09	7.31E-03	6.43E-03	0.00E+00	7.34E-03	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	1.99E-02
1415	CENSUS	662	371497.6	3764797	NonCancerAcute	3.77E-03	3.87E-03	2.06E-02	0.00E+00	4.27E-09	7.42E-03	5.38E-03	0.00E+00	6.24E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	2.06E-02
1416	CENSUS	773	371396.8	3764431	NonCancerAcute	3.82E-03	3.93E-03	2.12E-02	0.00E+00	4.68E-09	7.89E-03	5.90E-03	0.00E+00	6.86E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	2.12E-02
1417	CENSUS	166	371309.1	3764308	NonCancerAcute	3.74E-03	3.85E-03	2.08E-02	0.00E+00	4.50E-09	7.74E-03	5.67E-03	0.00E+00	6.61E-03	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	2.08E-02
1418	CENSUS	106	371226.4	3764019	NonCancerAcute	3.65E-03	3.76E-03	2.05E-02	0.00E+00	4.81E-09	7.72E-03	6.02E-03	0.00E+00	6.97E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	2.05E-02
1419	CENSUS	110	371078.9	3764147	NonCancerAcute	3.31E-03	3.41E-03	1.85E-02	0.00E+00	4.29E-09	6.93E-03	5.38E-03	0.00E+00	6.23E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	1.85E-02
1420	CENSUS	85	371094.6	3764225	NonCancerAcute	3.30E-03	3.40E-03	1.84E-02	0.00E+00	4.31E-09	6.85E-03	5.39E-03	0.00E+00	6.24E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	1.84E-02
1421	CENSUS	70	371153.4	3764282	NonCancerAcute	3.43E-03	3.54E-03	1.91E-02	0.00E+00	4.33E-09	7.08E-03	5.44E-03	0.00E+00	6.30E-03	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	1.91E-02
1422	CENSUS	102	371233.9	3764297	NonCancerAcute	3.59E-03	3.70E-03	2.00E-02	0.00E+00	4.44E-09	7.40E-03	5.58E-03	0.00E+00	6.48E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	2.00E-02
1423	CENSUS	0	372713.9	3765399	NonCancerAcute	3.80E-03	3.91E-03	2.10E-02	0.00E+00	5.34E-09	7.69E-03	6.61E-03	0.00E+00	7.55E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	2.10E-02
1424	CENSUS	0	372586.7	3765375	NonCancerAcute	3.80E-03	3.91E-03	2.10E-02	0.00E+00	5.18E-09	7.67E-03	6.43E-03	0.00E+00	7.36E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	2.10E-02
1425	CENSUS	0	372480.2	3765352	NonCancerAcute	3.87E-03	3.98E-03	2.14E-02	0.00E+00	4.87E-09	7.79E-03	6.09E-03	0.00E+00	7.02E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	2.14E-02
1426	CENSUS	0	372531.9	3765339	NonCancerAcute	3.90E-03	4.01E-03	2.16E-02	0.00E+00	5.13E-09	7.89E-03	6.39E-03	0.00E+00	7.34E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	2.16E-02
1427	CENSUS	0	372642.3	3765257	NonCancerAcute	4.18E-03	4.30E-03	2.32E-02	0.00E+00	5.65E-09	8.49E-03	7.03E-03	0.00E+00	8.05E-03	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	2.32E-02
1428	CENSUS	0	372416.3	3765153	NonCancerAcute	5.09E-03	5.23E-03	2.80E-02	0.00E+00	6.11E-09	1.01E-02	7.63E-03	0.00E+00	8.78E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.80E-02
1429	CENSUS	0	372217.1	3765220	NonCancerAcute	4.09E-03	4.20E-03	2.26E-02	0.00E+00	5.09E-09	8.24E-03	6.36E-03	0.00E+00	7.32E-03	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	2.26E-02
1430	CENSUS	212	372450.8	3764735	NonCancerAcute	1.10E-02	1.13E-02	6.11E-02	0.00E+00	1.28E-08	2.25E-02	1.60E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.11E-02
1431	CENSUS	0	372036.2	3764782	NonCancerAcute	5.82E-03	5.99E-03	3.25E-02	0.00E+00	6.68E-09	1.21E-02	8.44E-03	0.00E+00	9.82E-03	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	3.25E-02
1432	CENSUS	0	372034.9	3764706	NonCancerAcute	6.33E-03	6.52E-03	3.54E-02	0.00E+00	6.88E-09	1.32E-02	8.76E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	3.54E-02
1433	CENSUS	62	372915.7	3764767	NonCancerAcute	7.13E-03	7.32E-03	3.95E-02	0.00E+00	9.33E-09	1.45E-02	1.16E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	3.95E-02
1434	CENSUS	65	372537.7	3764939	NonCancerAcute	8.57E-03	8.80E-03	4.78E-02	0.00E+00	1.24E-08	1.77E-02	1.53E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	8.93E-03	0.00E+00	0.00E+00	4.78E-02
1435	CENSUS	73	372932.7	3764692	NonCancerAcute	7.77E-03	7.98E-03	4.31E-02	0.00E+00	1.00E-08	1.58E-02	1.24E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	4.31E-02
1436	CENSUS	100	373106.8	3764954	NonCancerAcute	5.53E-03	5.68E-03	3.06E-02	0.00E+00	7.86E-09	1.12E-02	9.71E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	3.06E-02
1437	CENSUS	0	372965.9	3765052	NonCancerAcute	5.13E-03	5.28E-03	2.84E-02	0.00E+00	7.03E-09	1.04E-02	8.71E-03	0.00E+00	9.95E-03	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	2.84E-02
1438	CENSUS	0	373142.4	3764462	NonCancerAcute	9.49E-03	9.75E-03	5.28E-02	0.00E+00	1.32E-08	1.95E-02	1.63E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	5.28E-02
1439	CENSUS	0	373121.6	3764677	NonCancerAcute	7.48E-03	7.69E-03	4.14E-02	0.00E+00	1.05E-08	1.52E-02	1.29E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	4.14E-02
1440	CENSUS	0	373197.2	3764355	NonCancerAcute	1.03E-02	1.06E-02	5.80E-02	0.00E+00	1.54E-08	2.17E-02	1.90E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.80E-02
1441	CENSUS	0	373178.1	3764352	NonCancerAcute	1.05E-02	1.08E-02	5.90E-02	0.00E+00	1.52E-08	2.21E-02	1.88E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.90E-02
1442	CENSUS	0	372846.7	3764410	NonCancerAcute	1.26E-02	1.30E-02	7.10E-02	0.00E+00	1.40E-08	2.67E-02	1.78E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	7.10E-02
1443	CENSUS	143	372012	3764401	NonCancerAcute	7.37E-03	7.64E-03	4.30E-02	0.00E+00	6.83E-09	1.74E-02	9.09E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	9.87E-03	0.00E+00	0.00E+00	4.30E-02
1444	CENSUS	0	371721.1	3764326	NonCancerAcute	5.16E-03	5.31E-03	2.90E-02	0.00E+00	5.65E-09	1.09E-02	7.21E-03	0.00E+00	8.46E-03	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	2.90E-02
1445	CENSUS	0	371870.6	3764729	NonCancerAcute	5.15E-03	5.29E-03	2.85E-02	0.00E+00	5.40E-09	1.05E-02	6.87E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	2.85E-02
1446	CENSUS	149	372926.7	3764909	NonCancerAcute	6.02E-03	6.18E-03	3.33E-02	0.00E+00	7.99E-09	1.22E-02	9.91E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	3.33E-02
1447	CENSUS	61	371808.5	3763959	NonCancerAcute	5.95E-03	6.13E-03	3.35E-02	0.00E+00	6.76E-09	1.27E-02	8.60E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	3.35E-02
1448	CENSUS	147	371771.9	3764094	NonCancerAcute	5.64E-03	5.82E-03	3.18E-02	0.00E+00	6.29E-09	1.20E-02	8.02E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	3.18E-02
1449	CENSUS	0	372364.4	3765331	NonCancerAcute	4.06E-03	4.17E-03	2.23E-02	0.00E+00	4.82E-09	8.01E-03	6.03E-03	0.00E+00	6.95E-03	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	2.23E-02
1450	CENSUS	0	372104.9	3765282	NonCancerAcute	3.72E-03	3.83E-03	2.05E-02	0.00E+00	4.74E-09	7.49E-03	5.92E-03	0.00E+00	6.81E-03	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	2.05E-02
1451	CENSUS	0	371894.5	3765089	NonCancerAcute	3.93E-03	4.05E-03	2.18E-02	0.00E+00	4.56E-09	8.03E-03	5.75E-03	0.00E+00	6.69E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	2.18E-02
1452	CENSUS	0	371846.6	3765019	NonCancerAcute	3.90E-03	4.02E-03	2.18E-02	0.00E+00	4.61E-09	8.08E-03	5.82E-03	0.00E+00	6.76E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	2.18E-02
1453	CENSUS	0	372067.9	3765218	NonCancerAcute	3.92E-03	4.03E-03	2.16E-02	0.00E+00	4.87E-09	7.82E-03	6.08E-03	0.00E+00	7.00E-03	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	2.16E-02
1454	CENSUS	0	372351.2	3765313	NonCancerAcute	4.11E-03	4.22E-03	2.26E-02	0.00E+00	4.89E-09	8.10E-03	6.12E-03	0.00E+00	7.04E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	2.26E-02
1455	CENSUS	0	371808.9	3764952	NonCancerAcute	4.08E-03	4.20E-03	2.26E-02	0.00E+00	4.82E-09	8.32E-03	6.06E-03	0.00E+00	7.02E-03	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	2.26E-02
1456	CENSUS	11	371665.4	3764558	NonCancerAcute	4.60E-03	4.74E-03	2.55E-02	0.00E+00	5.18E-09	9.39E-03	6.55E-03	0.00E+00	7.63E-03	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	2.55E-02
1457	CENSUS	0	371696.2	3764882	NonCancerAcute	4.10E-03	4.22E-03	2.26E-02	0.00E+00	4.63E-09	8.15E-03	5.84E-03	0.00E+00	6.77E-03	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	2.26E-02
1458	CENSUS	0	371407.9	3763954	NonCancerAcute	4.23E-03	4.35E-03	2.36E-02	0.00E+00	5.35E-09	8.85E-03	6.71E-03	0.00E+00	7.77E-03	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.36E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1459	CENSUS	0	371540.5	3764003	NonCancerAcute	4.67E-03	4.81E-03	2.61E-02	0.00E+00	5.62E-09	9.80E-03	7.09E-03	0.00E+00	8.26E-03	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	2.61E-02
1460	CENSUS	0	371584.4	3764105	NonCancerAcute	4.80E-03	4.94E-03	2.68E-02	0.00E+00	5.62E-09	1.01E-02	7.11E-03	0.00E+00	8.30E-03	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.68E-02
1461	CENSUS	0	371637.8	3764227	NonCancerAcute	4.85E-03	5.00E-03	2.71E-02	0.00E+00	5.49E-09	1.02E-02	6.98E-03	0.00E+00	8.17E-03	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.71E-02
1462	CENSUS	0	371179.4	3763767	NonCancerAcute	3.65E-03	3.76E-03	2.03E-02	0.00E+00	4.74E-09	7.53E-03	5.95E-03	0.00E+00	6.89E-03	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	2.03E-02
1463	CENSUS	0	371475.3	3763853	NonCancerAcute	4.40E-03	4.54E-03	2.47E-02	0.00E+00	5.68E-09	9.29E-03	7.13E-03	0.00E+00	8.26E-03	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	2.47E-02
1464	CENSUS	0	371403.4	3763688	NonCancerAcute	4.25E-03	4.37E-03	2.36E-02	0.00E+00	5.46E-09	8.77E-03	6.85E-03	0.00E+00	7.93E-03	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.36E-02
1465	CENSUS	0	371335.7	3763735	NonCancerAcute	4.09E-03	4.22E-03	2.27E-02	0.00E+00	5.22E-09	8.43E-03	6.54E-03	0.00E+00	7.58E-03	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	2.27E-02
1466	CENSUS	115	371224.4	3763694	NonCancerAcute	3.80E-03	3.91E-03	2.11E-02	0.00E+00	4.91E-09	7.83E-03	6.15E-03	0.00E+00	7.13E-03	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	2.11E-02
1467	CENSUS	0	371271.3	3763627	NonCancerAcute	3.91E-03	4.03E-03	2.17E-02	0.00E+00	4.88E-09	8.05E-03	6.14E-03	0.00E+00	7.13E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	2.17E-02
1468	CENSUS	0	371316.1	3763579	NonCancerAcute	4.05E-03	4.17E-03	2.25E-02	0.00E+00	4.96E-09	8.30E-03	6.24E-03	0.00E+00	7.25E-03	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	2.25E-02
1469	CENSUS	0	371342.9	3763554	NonCancerAcute	4.18E-03	4.31E-03	2.32E-02	0.00E+00	5.07E-09	8.51E-03	6.38E-03	0.00E+00	7.41E-03	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	2.32E-02
1470	CENSUS	153	371392.5	3763489	NonCancerAcute	4.34E-03	4.46E-03	2.40E-02	0.00E+00	5.33E-09	8.82E-03	6.69E-03	0.00E+00	7.76E-03	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	2.40E-02
1471	CENSUS	250	371449.6	3763636	NonCancerAcute	4.41E-03	4.54E-03	2.45E-02	0.00E+00	5.51E-09	9.07E-03	6.93E-03	0.00E+00	8.04E-03	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	2.45E-02
1472	CENSUS	357	371572	3763501	NonCancerAcute	4.96E-03	5.10E-03	2.75E-02	0.00E+00	5.92E-09	1.01E-02	7.45E-03	0.00E+00	8.63E-03	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	2.75E-02
1473	CENSUS	267	371498.2	3763457	NonCancerAcute	4.68E-03	4.81E-03	2.59E-02	0.00E+00	5.71E-09	9.51E-03	7.17E-03	0.00E+00	8.30E-03	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	2.59E-02
1474	CENSUS	103	371503.1	3763332	NonCancerAcute	4.55E-03	4.69E-03	2.52E-02	0.00E+00	5.50E-09	9.27E-03	6.92E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	2.52E-02
1475	CENSUS	0	371452.8	3763325	NonCancerAcute	4.43E-03	4.55E-03	2.45E-02	0.00E+00	5.33E-09	8.98E-03	6.70E-03	0.00E+00	7.78E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	2.45E-02
1476	CENSUS	0	371530.7	3763261	NonCancerAcute	4.67E-03	4.80E-03	2.57E-02	0.00E+00	5.62E-09	9.37E-03	7.06E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	2.57E-02
1477	CENSUS	0	371503.4	3763264	NonCancerAcute	4.59E-03	4.73E-03	2.53E-02	0.00E+00	5.52E-09	9.20E-03	6.93E-03	0.00E+00	8.04E-03	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.53E-02
1478	CENSUS	0	371545.2	3763238	NonCancerAcute	4.67E-03	4.80E-03	2.57E-02	0.00E+00	5.68E-09	9.39E-03	7.13E-03	0.00E+00	8.27E-03	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	2.57E-02
1479	CENSUS	0	371560	3763253	NonCancerAcute	4.73E-03	4.87E-03	2.61E-02	0.00E+00	5.74E-09	9.53E-03	7.21E-03	0.00E+00	8.36E-03	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	2.61E-02
1480	CENSUS	536	371659.9	3763977	NonCancerAcute	5.18E-03	5.34E-03	2.91E-02	0.00E+00	6.06E-09	1.10E-02	7.68E-03	0.00E+00	8.96E-03	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.91E-02
1481	CENSUS	6	371574.4	3764046	NonCancerAcute	4.74E-03	4.89E-03	2.66E-02	0.00E+00	5.75E-09	9.98E-03	7.25E-03	0.00E+00	8.44E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	2.66E-02
1482	CENSUS	28	371626.8	3763778	NonCancerAcute	5.04E-03	5.19E-03	2.82E-02	0.00E+00	6.26E-09	1.06E-02	7.88E-03	0.00E+00	9.14E-03	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.82E-02
1483	CENSUS	428	371569	3763726	NonCancerAcute	4.83E-03	4.97E-03	2.69E-02	0.00E+00	5.97E-09	1.00E-02	7.51E-03	0.00E+00	8.72E-03	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	2.69E-02
1484	CENSUS	45	371610.3	3763757	NonCancerAcute	4.96E-03	5.11E-03	2.77E-02	0.00E+00	6.12E-09	1.04E-02	7.71E-03	0.00E+00	8.96E-03	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	2.77E-02
1485	CENSUS	277	371558.3	3763797	NonCancerAcute	4.77E-03	4.91E-03	2.67E-02	0.00E+00	6.00E-09	9.99E-03	7.54E-03	0.00E+00	8.74E-03	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	2.67E-02
1486	CENSUS	38	371772.5	3763855	NonCancerAcute	5.77E-03	5.94E-03	3.24E-02	0.00E+00	6.80E-09	1.22E-02	8.59E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	3.24E-02
1487	CENSUS	136	371586.9	3763605	NonCancerAcute	5.00E-03	5.15E-03	2.77E-02	0.00E+00	5.93E-09	1.02E-02	7.47E-03	0.00E+00	8.68E-03	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	2.77E-02
1488	CENSUS	52	371497.6	3763698	NonCancerAcute	4.55E-03	4.69E-03	2.53E-02	0.00E+00	5.79E-09	9.40E-03	7.26E-03	0.00E+00	8.41E-03	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.53E-02
1489	CENSUS	38	371474	3763778	NonCancerAcute	4.47E-03	4.61E-03	2.50E-02	0.00E+00	5.61E-09	9.31E-03	7.05E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	2.50E-02
1490	CENSUS	196	371506.4	3763830	NonCancerAcute	4.52E-03	4.66E-03	2.53E-02	0.00E+00	5.81E-09	9.53E-03	7.29E-03	0.00E+00	8.45E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.53E-02
1491	CENSUS	114	372064.5	3762985	NonCancerAcute	6.70E-03	6.89E-03	3.71E-02	0.00E+00	8.75E-09	1.36E-02	1.09E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	3.71E-02
1492	CENSUS	0	371858.3	3762941	NonCancerAcute	5.33E-03	5.49E-03	2.95E-02	0.00E+00	6.69E-09	1.09E-02	8.39E-03	0.00E+00	9.71E-03	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	2.95E-02
1493	CENSUS	75	371944.5	3762964	NonCancerAcute	5.99E-03	6.16E-03	3.31E-02	0.00E+00	7.55E-09	1.22E-02	9.44E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	3.31E-02
1494	CENSUS	40	371655.6	3763154	NonCancerAcute	4.92E-03	5.06E-03	2.71E-02	0.00E+00	6.09E-09	9.89E-03	7.63E-03	0.00E+00	8.83E-03	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	2.71E-02
1495	CENSUS	0	371545.4	3763192	NonCancerAcute	4.60E-03	4.74E-03	2.54E-02	0.00E+00	5.70E-09	9.25E-03	7.15E-03	0.00E+00	8.27E-03	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	2.54E-02
1496	CENSUS	91	371723.4	3763024	NonCancerAcute	4.90E-03	5.04E-03	2.71E-02	0.00E+00	6.28E-09	9.94E-03	7.86E-03	0.00E+00	9.07E-03	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	2.71E-02
1497	CENSUS	75	371642	3763086	NonCancerAcute	4.70E-03	4.84E-03	2.60E-02	0.00E+00	5.88E-09	9.57E-03	7.37E-03	0.00E+00	8.55E-03	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	2.60E-02
1498	CENSUS	49	372170.8	3762784	NonCancerAcute	6.94E-03	7.14E-03	3.82E-02	0.00E+00	9.85E-09	1.38E-02	1.22E-02	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	3.82E-02
1499	CENSUS	42	372066.1	3762716	NonCancerAcute	6.23E-03	6.41E-03	3.42E-02	0.00E+00	8.79E-09	1.24E-02	1.09E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	3.42E-02
1500	CENSUS	83	371725.4	3762937	NonCancerAcute	4.82E-03	4.96E-03	2.66E-02	0.00E+00	6.11E-09	9.78E-03	7.65E-03	0.00E+00	8.86E-03	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	2.66E-02
1501	CENSUS	74	371723.3	3762853	NonCancerAcute	4.70E-03	4.84E-03	2.60E-02	0.00E+00	6.12E-09	9.55E-03	7.64E-03	0.00E+00	8.82E-03	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.60E-02
1502	CENSUS	49	371765.9	3762786	NonCancerAcute	4.58E-03	4.72E-03	2.54E-02	0.00E+00	6.21E-09	9.40E-03	7.74E-03	0.00E+00	8.93E-03	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	2.54E-02
1503	CENSUS	96	371889.3	3762689	NonCancerAcute	5.17E-03	5.32E-03	2.85E-02	0.00E+00	6.85E-09	1.04E-02	8.52E-03	0.00E+00	9.80E-03	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	2.85E-02
1504	CENSUS	34	371732.8	3762672	NonCancerAcute	4.28E-03	4.41E-03	2.37E-02	0.00E+00	6.08E-09	8.76E-03	7.55E-03	0.00E+00	8.68E-03	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	2.37E-02
1505	CENSUS	436	371767.8	3762483	NonCancerAcute	4.42E-03	4.55E-03	2.44E-02	0.00E+00	5.93E-09	8.93E-03	7.39E-03	0.00E+00	8.52E-03	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	2.44E-02
1506	CENSUS	98	371920	3762493	NonCancerAcute	4.80E-03	4.94E-03	2.65E-02	0.00E+00	6.61E-09	9.73E-03	8.20E-03	0.00E+00	9.43E-03	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	2.65E-02
1507	CENSUS	66	371689.4	3762373	NonCancerAcute	3.92E-03	4.03E-03	2.16E-02	0.00E+00	5.33E-09	7.94E-03	6.64E-03	0.00E+00	7.65E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	2.16E-02
1508	CENSUS	50	371622.7	3762382	NonCancerAcute	3.64E-03	3.76E-03	2.01E-02	0.00E+00	5.08E-09	7.42E-03	6.33E-03	0.00E+00	7.30E-03	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	2.01E-02
1509	CENSUS	392	371401.2	3763193	NonCancerAcute	4.18E-03	4.30E-03	2.30E-02	0.00E+00	5.18E-09	8.41E-03	6.49E-03	0.00E+00	7.52E-03	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	2.30E-02
1510	CENSUS	43	371507.6	3762883	NonCancerAcute	4.04E-03	4.16E-03	2.24E-02	0.00E+00	5.28E-09	8.25E-03	6.61E-03	0.00E+00	7.65E-03	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	2.24E-02
1511	CENSUS	308	371301.1	3762783	NonCancerAcute	3.51E-03	3.61E-03	1.94E-02	0.00E+00	4.58E-09	7.16E-03	5.73E-03	0.00E+00	6.64E-03	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	1.94E-02
1512	CENSUS	28	371534.9	3762968	NonCancerAcute	4.24E-03	4.36E-03	2.35E-02	0.00E+00	5.51E-09	8.65E-03	6.89E-03	0.00E+00	7.96E-03	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	2.35E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1513	CENSUS	63	371498.7	3762805	NonCancerAcute	3.88E-03	3.99E-03	2.15E-02	0.00E+00	5.20E-09	7.98E-03	6.50E-03	0.00E+00	7.51E-03	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	2.15E-02
1514	CENSUS	62	371481.2	3762724	NonCancerAcute	3.79E-03	3.90E-03	2.10E-02	0.00E+00	5.20E-09	7.74E-03	6.48E-03	0.00E+00	7.46E-03	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	2.10E-02
1515	CENSUS	43	370950.8	3763635	NonCancerAcute	3.25E-03	3.35E-03	1.80E-02	0.00E+00	4.09E-09	6.65E-03	5.14E-03	0.00E+00	5.97E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	1.80E-02
1516	CENSUS	36	371014.3	3763681	NonCancerAcute	3.35E-03	3.45E-03	1.86E-02	0.00E+00	4.33E-09	6.90E-03	5.42E-03	0.00E+00	6.28E-03	0.00E+00	0.00E+00	3.46E-03	0.00E+00	0.00E+00	1.86E-02
1517	CENSUS	39	371112.5	3763729	NonCancerAcute	3.54E-03	3.65E-03	1.97E-02	0.00E+00	4.63E-09	7.30E-03	5.80E-03	0.00E+00	6.71E-03	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	1.97E-02
1518	CENSUS	16	371068	3763710	NonCancerAcute	3.44E-03	3.55E-03	1.91E-02	0.00E+00	4.51E-09	7.10E-03	5.65E-03	0.00E+00	6.54E-03	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	1.91E-02
1519	CENSUS	30	371172.8	3763573	NonCancerAcute	3.69E-03	3.80E-03	2.05E-02	0.00E+00	4.59E-09	7.56E-03	5.77E-03	0.00E+00	6.70E-03	0.00E+00	0.00E+00	3.78E-03	0.00E+00	0.00E+00	2.05E-02
1520	CENSUS	60	371113.8	3763552	NonCancerAcute	3.60E-03	3.71E-03	1.99E-02	0.00E+00	4.46E-09	7.33E-03	5.61E-03	0.00E+00	6.51E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.99E-02
1521	CENSUS	49	371036.8	3763524	NonCancerAcute	3.46E-03	3.57E-03	1.91E-02	0.00E+00	4.32E-09	7.02E-03	5.42E-03	0.00E+00	6.29E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	1.91E-02
1522	CENSUS	42	371052.3	3763404	NonCancerAcute	3.49E-03	3.59E-03	1.93E-02	0.00E+00	4.37E-09	7.10E-03	5.48E-03	0.00E+00	6.35E-03	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	1.93E-02
1523	CENSUS	52	371133.7	3763394	NonCancerAcute	3.66E-03	3.77E-03	2.03E-02	0.00E+00	4.53E-09	7.45E-03	5.69E-03	0.00E+00	6.60E-03	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	2.03E-02
1524	CENSUS	36	371194.8	3763385	NonCancerAcute	3.76E-03	3.87E-03	2.09E-02	0.00E+00	4.67E-09	7.69E-03	5.87E-03	0.00E+00	6.81E-03	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	2.09E-02
1525	CENSUS	127	371269.8	3763366	NonCancerAcute	3.92E-03	4.04E-03	2.18E-02	0.00E+00	4.84E-09	8.04E-03	6.09E-03	0.00E+00	7.06E-03	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	2.18E-02
1526	CENSUS	0	373203	3763987	NonCancerAcute	1.77E-02	1.83E-02	1.02E-01	0.00E+00	3.03E-08	4.03E-02	3.72E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.02E-01
1527	CENSUS	0	373195	3764147	NonCancerAcute	1.33E-02	1.37E-02	7.64E-02	0.00E+00	1.99E-08	3.01E-02	2.48E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.64E-02
1528	CENSUS	0	373134.4	3763873	NonCancerAcute	2.01E-02	2.09E-02	1.20E-01	0.00E+00	2.91E-08	5.01E-02	3.67E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.20E-01
1529	CENSUS	0	372896	3763942	NonCancerAcute	2.23E-02	2.30E-02	1.28E-01	0.00E+00	2.35E-08	4.96E-02	3.03E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.28E-01
1530	CENSUS	3	372453.4	3763403	NonCancerAcute	1.45E-02	1.49E-02	8.00E-02	0.00E+00	1.81E-08	2.89E-02	2.26E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	8.00E-02
1531	CENSUS	0	372744.3	3763050	NonCancerAcute	1.90E-02	1.94E-02	1.03E-01	0.00E+00	2.72E-08	3.61E-02	3.32E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	1.03E-01
1532	CENSUS	0	371869.5	3763199	NonCancerAcute	5.87E-03	6.04E-03	3.24E-02	0.00E+00	7.15E-09	1.18E-02	8.97E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	3.24E-02
1533	CENSUS	0	371777.5	3763439	NonCancerAcute	5.75E-03	5.91E-03	3.19E-02	0.00E+00	6.87E-09	1.17E-02	8.63E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	3.19E-02
1534	CENSUS	0	372348.3	3762361	NonCancerAcute	5.82E-03	6.00E-03	3.23E-02	0.00E+00	8.83E-09	1.19E-02	1.09E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	3.23E-02
1535	CENSUS	0	372016.6	3763473	NonCancerAcute	7.15E-03	7.36E-03	3.98E-02	0.00E+00	8.32E-09	1.47E-02	1.05E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	7.43E-03	0.00E+00	0.00E+00	3.98E-02
1536	CENSUS	0	371863.5	3763739	NonCancerAcute	6.35E-03	6.53E-03	3.55E-02	0.00E+00	7.41E-09	1.32E-02	9.36E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	3.55E-02
1537	CENSUS	0	372555.4	3762456	NonCancerAcute	7.39E-03	7.61E-03	4.07E-02	0.00E+00	1.14E-08	1.48E-02	1.40E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	4.07E-02
1538	CENSUS	0	371738.5	3763277	NonCancerAcute	5.43E-03	5.59E-03	3.00E-02	0.00E+00	6.47E-09	1.09E-02	8.13E-03	0.00E+00	9.42E-03	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	3.00E-02
1539	CENSUS	0	372637.9	3762622	NonCancerAcute	9.19E-03	9.47E-03	5.07E-02	0.00E+00	1.45E-08	1.86E-02	1.79E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	9.22E-03	0.00E+00	0.00E+00	5.07E-02
1540	CENSUS	0	372440	3762515	NonCancerAcute	7.02E-03	7.23E-03	3.88E-02	0.00E+00	1.11E-08	1.43E-02	1.36E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	3.88E-02
1541	CENSUS	0	373264	3763172	NonCancerAcute	2.42E-02	2.52E-02	1.41E-01	0.00E+00	7.48E-08	5.79E-02	8.98E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.41E-01
1542	CENSUS	0	373201.5	3763633	NonCancerAcute	5.65E-02	5.74E-02	2.98E-01	0.00E+00	5.74E-08	9.60E-02	6.98E-02	0.00E+00	7.73E-02	0.00E+00	0.00E+00	3.88E-02	0.00E+00	0.00E+00	2.98E-01
1543	CENSUS	0	373315.4	3763250	NonCancerAcute	2.62E-02	2.73E-02	1.52E-01	0.00E+00	1.15E-07	6.17E-02	1.36E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.52E-01
1544	CENSUS	0	373488.4	3762855	NonCancerAcute	1.85E-02	1.92E-02	1.08E-01	0.00E+00	3.13E-08	4.43E-02	3.90E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.08E-01
1545	CENSUS	0	373186.9	3762877	NonCancerAcute	1.82E-02	1.88E-02	1.04E-01	0.00E+00	3.35E-08	4.10E-02	4.10E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.04E-01
1546	CENSUS	0	372130.8	3762233	NonCancerAcute	4.52E-03	4.66E-03	2.52E-02	0.00E+00	6.92E-09	9.44E-03	8.57E-03	0.00E+00	9.83E-03	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	2.52E-02
1547	CENSUS	0	372145.7	3762269	NonCancerAcute	4.65E-03	4.80E-03	2.60E-02	0.00E+00	7.16E-09	9.73E-03	8.86E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	2.60E-02
1548	CENSUS	0	372250.9	3762215	NonCancerAcute	4.65E-03	4.80E-03	2.60E-02	0.00E+00	7.04E-09	9.78E-03	8.72E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	2.60E-02
1549	CENSUS	0	372302.1	3762158	NonCancerAcute	4.67E-03	4.82E-03	2.61E-02	0.00E+00	7.25E-09	9.79E-03	8.96E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	2.61E-02
1550	CENSUS	0	372423.9	3762256	NonCancerAcute	5.41E-03	5.58E-03	3.01E-02	0.00E+00	8.24E-09	1.12E-02	1.02E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	3.01E-02
1551	CENSUS	0	372491.9	3762335	NonCancerAcute	6.38E-03	6.57E-03	3.52E-02	0.00E+00	9.83E-09	1.29E-02	1.21E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	3.52E-02
1552	CENSUS	0	372484.4	3762195	NonCancerAcute	5.63E-03	5.80E-03	3.12E-02	0.00E+00	8.40E-09	1.15E-02	1.04E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	3.12E-02
1553	CENSUS	0	372277.1	3762066	NonCancerAcute	4.38E-03	4.52E-03	2.44E-02	0.00E+00	6.68E-09	9.16E-03	8.28E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.44E-02
1554	CENSUS	0	372609.1	3762180	NonCancerAcute	6.15E-03	6.34E-03	3.40E-02	0.00E+00	9.86E-09	1.25E-02	1.21E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	3.40E-02
1555	CENSUS	0	372499.4	3761945	NonCancerAcute	4.82E-03	4.97E-03	2.67E-02	0.00E+00	7.40E-09	9.85E-03	9.13E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	2.67E-02
1556	CENSUS	43	372554.3	3761698	NonCancerAcute	4.14E-03	4.27E-03	2.30E-02	0.00E+00	6.26E-09	8.60E-03	7.77E-03	0.00E+00	8.93E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.30E-02
1557	CENSUS	22	372587.9	3761646	NonCancerAcute	4.10E-03	4.23E-03	2.28E-02	0.00E+00	6.16E-09	8.50E-03	7.63E-03	0.00E+00	8.77E-03	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	2.28E-02
1558	CENSUS	0	371787.5	3762277	NonCancerAcute	3.74E-03	3.85E-03	2.08E-02	0.00E+00	5.52E-09	7.80E-03	6.86E-03	0.00E+00	7.90E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	2.08E-02
1559	CENSUS	0	372011.2	3762250	NonCancerAcute	4.22E-03	4.36E-03	2.35E-02	0.00E+00	6.21E-09	8.79E-03	7.72E-03	0.00E+00	8.89E-03	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	2.35E-02
1560	CENSUS	0	372110.8	3762201	NonCancerAcute	4.37E-03	4.51E-03	2.44E-02	0.00E+00	6.66E-09	9.14E-03	8.25E-03	0.00E+00	9.47E-03	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	2.44E-02
1561	CENSUS	0	372079	3762152	NonCancerAcute	4.14E-03	4.27E-03	2.31E-02	0.00E+00	6.27E-09	8.69E-03	7.77E-03	0.00E+00	8.94E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	2.31E-02
1562	CENSUS	0	371889.5	3762182	NonCancerAcute	3.93E-03	4.05E-03	2.18E-02	0.00E+00	5.82E-09	8.15E-03	7.22E-03	0.00E+00	8.31E-03	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	2.18E-02
1563	CENSUS	0	372189.8	3762150	NonCancerAcute	4.34E-03	4.48E-03	2.43E-02	0.00E+00	6.65E-09	9.16E-03	8.24E-03	0.00E+00	9.46E-03	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	2.43E-02
1564	CENSUS	0	372163.3	3762086	NonCancerAcute	4.07E-03	4.20E-03	2.28E-02	0.00E+00	6.40E-09	8.61E-03	7.92E-03	0.00E+00	9.09E-03	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.28E-02
1565	CENSUS	0	371579	3763282	NonCancerAcute	4.85E-03	4.99E-03	2.68E-02	0.00E+00	5.78E-09	9.74E-03	7.26E-03	0.00E+00	8.43E-03	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	2.68E-02
1566	CENSUS	0	371568.5	3763224	NonCancerAcute	4.72E-03	4.86E-03	2.60E-02	0.00E+00	5.74E-09	9.50E-03	7.21E-03	0.00E+00	8.36E-03	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.60E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1567	CENSUS	2	374048.7	3761577	NonCancerAcute	4.52E-03	4.71E-03	2.67E-02	0.00E+00	8.21E-09	1.12E-02	1.03E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	2.67E-02
1568	CENSUS	62	373840.9	3761613	NonCancerAcute	5.17E-03	5.37E-03	2.99E-02	0.00E+00	8.87E-09	1.20E-02	1.10E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	2.99E-02
1569	CENSUS	54	373834	3761527	NonCancerAcute	4.85E-03	5.02E-03	2.79E-02	0.00E+00	8.11E-09	1.10E-02	1.01E-02	0.00E+00	1.16E-02	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	2.79E-02
1570	CENSUS	41	373835.1	3761578	NonCancerAcute	5.06E-03	5.25E-03	2.92E-02	0.00E+00	8.62E-09	1.16E-02	1.07E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.42E-03	0.00E+00	0.00E+00	2.92E-02
1571	CENSUS	137	373528.3	3761578	NonCancerAcute	4.60E-03	4.77E-03	2.65E-02	0.00E+00	7.26E-09	1.05E-02	9.06E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	2.65E-02
1572	CENSUS	47	373474.8	3761318	NonCancerAcute	3.82E-03	3.96E-03	2.18E-02	0.00E+00	5.88E-09	8.56E-03	7.35E-03	0.00E+00	8.52E-03	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	2.18E-02
1573	CENSUS	78	373583.8	3761536	NonCancerAcute	4.63E-03	4.79E-03	2.66E-02	0.00E+00	7.51E-09	1.05E-02	9.33E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	2.66E-02
1574	CENSUS	35	373421.2	3761514	NonCancerAcute	4.31E-03	4.46E-03	2.47E-02	0.00E+00	6.67E-09	9.72E-03	8.31E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	2.47E-02
1575	CENSUS	0	374031.5	3761498	NonCancerAcute	4.33E-03	4.50E-03	2.54E-02	0.00E+00	7.77E-09	1.05E-02	9.67E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	2.54E-02
1576	CENSUS	48	373828.6	3761427	NonCancerAcute	4.47E-03	4.62E-03	2.56E-02	0.00E+00	7.36E-09	1.01E-02	9.12E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	2.56E-02
1577	CENSUS	44	373661.4	3761427	NonCancerAcute	4.33E-03	4.49E-03	2.48E-02	0.00E+00	6.77E-09	9.77E-03	8.43E-03	0.00E+00	9.75E-03	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.48E-02
1578	CENSUS	59	373834.5	3761476	NonCancerAcute	4.65E-03	4.82E-03	2.67E-02	0.00E+00	7.74E-09	1.05E-02	9.59E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	2.67E-02
1579	CENSUS	83	373845.9	3761309	NonCancerAcute	4.02E-03	4.16E-03	2.30E-02	0.00E+00	6.69E-09	9.03E-03	8.29E-03	0.00E+00	9.53E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	2.30E-02
1580	CENSUS	79	373954.5	3761358	NonCancerAcute	3.96E-03	4.11E-03	2.30E-02	0.00E+00	6.70E-09	9.33E-03	8.33E-03	0.00E+00	9.63E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	2.30E-02
1581	CENSUS	46	374012.2	3761343	NonCancerAcute	3.82E-03	3.97E-03	2.23E-02	0.00E+00	6.78E-09	9.14E-03	8.43E-03	0.00E+00	9.74E-03	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	2.23E-02
1582	CENSUS	170	374185.3	3761303	NonCancerAcute	3.64E-03	3.78E-03	2.12E-02	0.00E+00	6.54E-09	8.66E-03	8.12E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.12E-02
1583	CENSUS	72	374044.9	3761241	NonCancerAcute	3.56E-03	3.70E-03	2.07E-02	0.00E+00	6.34E-09	8.46E-03	7.87E-03	0.00E+00	9.09E-03	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	2.07E-02
1584	CENSUS	31	374109.4	3761180	NonCancerAcute	3.50E-03	3.64E-03	2.03E-02	0.00E+00	5.97E-09	8.13E-03	7.42E-03	0.00E+00	8.57E-03	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.03E-02
1585	CENSUS	31	373792	3761321	NonCancerAcute	4.06E-03	4.20E-03	2.32E-02	0.00E+00	6.57E-09	9.06E-03	8.16E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	2.32E-02
1586	CENSUS	51	373710	3761330	NonCancerAcute	4.01E-03	4.15E-03	2.29E-02	0.00E+00	6.16E-09	9.01E-03	7.70E-03	0.00E+00	8.93E-03	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	2.29E-02
1587	CENSUS	115	373568.5	3761313	NonCancerAcute	3.79E-03	3.93E-03	2.17E-02	0.00E+00	6.09E-09	8.61E-03	7.58E-03	0.00E+00	8.76E-03	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	2.17E-02
1588	CENSUS	47	373653.8	3761187	NonCancerAcute	3.61E-03	3.73E-03	2.06E-02	0.00E+00	5.66E-09	8.07E-03	7.05E-03	0.00E+00	8.14E-03	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.06E-02
1589	CENSUS	39	373741.8	3761172	NonCancerAcute	3.70E-03	3.83E-03	2.10E-02	0.00E+00	5.58E-09	8.13E-03	6.97E-03	0.00E+00	8.07E-03	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	2.10E-02
1590	CENSUS	40	373836.2	3761173	NonCancerAcute	3.66E-03	3.79E-03	2.09E-02	0.00E+00	6.08E-09	8.15E-03	7.53E-03	0.00E+00	8.65E-03	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	2.09E-02
1591	CENSUS	22	373920.4	3761168	NonCancerAcute	3.56E-03	3.69E-03	2.04E-02	0.00E+00	6.09E-09	8.11E-03	7.54E-03	0.00E+00	8.67E-03	0.00E+00	0.00E+00	4.44E-03	0.00E+00	0.00E+00	2.04E-02
1592	CENSUS	42	373258.2	3761758	NonCancerAcute	5.15E-03	5.33E-03	2.94E-02	0.00E+00	7.79E-09	1.15E-02	9.72E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	2.94E-02
1593	CENSUS	54	373072.6	3761776	NonCancerAcute	5.05E-03	5.22E-03	2.85E-02	0.00E+00	7.77E-09	1.09E-02	9.66E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	2.85E-02
1594	CENSUS	53	372885.6	3761825	NonCancerAcute	4.97E-03	5.13E-03	2.79E-02	0.00E+00	7.35E-09	1.05E-02	9.14E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.44E-03	0.00E+00	0.00E+00	2.79E-02
1595	CENSUS	43	372872.9	3761778	NonCancerAcute	4.80E-03	4.96E-03	2.69E-02	0.00E+00	7.02E-09	1.02E-02	8.74E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	2.69E-02
1596	CENSUS	0	372861.9	3761743	NonCancerAcute	4.69E-03	4.84E-03	2.63E-02	0.00E+00	6.82E-09	9.90E-03	8.49E-03	0.00E+00	9.79E-03	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	2.63E-02
1597	CENSUS	0	372850.1	3761725	NonCancerAcute	4.64E-03	4.79E-03	2.59E-02	0.00E+00	6.71E-09	9.77E-03	8.35E-03	0.00E+00	9.63E-03	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	2.59E-02
1598	CENSUS	0	372729.8	3761767	NonCancerAcute	4.67E-03	4.82E-03	2.60E-02	0.00E+00	6.71E-09	9.70E-03	8.34E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	2.60E-02
1599	CENSUS	74	372652.8	3761605	NonCancerAcute	4.03E-03	4.16E-03	2.25E-02	0.00E+00	5.79E-09	8.40E-03	7.21E-03	0.00E+00	8.33E-03	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.25E-02
1600	CENSUS	67	372734	3761573	NonCancerAcute	4.07E-03	4.20E-03	2.27E-02	0.00E+00	5.83E-09	8.50E-03	7.26E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	2.27E-02
1601	CENSUS	69	372815.1	3761541	NonCancerAcute	4.04E-03	4.17E-03	2.26E-02	0.00E+00	5.81E-09	8.49E-03	7.24E-03	0.00E+00	8.37E-03	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	2.26E-02
1602	CENSUS	91	372897	3761512	NonCancerAcute	3.94E-03	4.07E-03	2.22E-02	0.00E+00	5.73E-09	8.44E-03	7.15E-03	0.00E+00	8.27E-03	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	2.22E-02
1603	CENSUS	0	372970.4	3761685	NonCancerAcute	4.58E-03	4.73E-03	2.58E-02	0.00E+00	6.69E-09	9.83E-03	8.34E-03	0.00E+00	9.64E-03	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	2.58E-02
1604	CENSUS	0	373052.6	3761693	NonCancerAcute	4.69E-03	4.85E-03	2.64E-02	0.00E+00	7.05E-09	1.01E-02	8.78E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	2.64E-02
1605	CENSUS	45	373066.1	3761727	NonCancerAcute	4.82E-03	4.98E-03	2.72E-02	0.00E+00	7.33E-09	1.04E-02	9.12E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	2.72E-02
1606	CENSUS	34	373246.8	3761709	NonCancerAcute	4.90E-03	5.07E-03	2.79E-02	0.00E+00	7.36E-09	1.09E-02	9.19E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	2.79E-02
1607	CENSUS	0	373244	3761673	NonCancerAcute	4.72E-03	4.89E-03	2.69E-02	0.00E+00	7.11E-09	1.05E-02	8.89E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.69E-02
1608	CENSUS	62	373343.5	3761485	NonCancerAcute	4.19E-03	4.34E-03	2.39E-02	0.00E+00	6.33E-09	9.31E-03	7.90E-03	0.00E+00	9.14E-03	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	2.39E-02
1609	CENSUS	0	373088.2	3761665	NonCancerAcute	4.58E-03	4.74E-03	2.59E-02	0.00E+00	6.93E-09	9.94E-03	8.63E-03	0.00E+00	9.98E-03	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	2.59E-02
1610	CENSUS	75	373060.4	3761461	NonCancerAcute	4.01E-03	4.14E-03	2.25E-02	0.00E+00	5.97E-09	8.57E-03	7.44E-03	0.00E+00	8.60E-03	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	2.25E-02
1611	CENSUS	74	372974.7	3761475	NonCancerAcute	3.91E-03	4.04E-03	2.20E-02	0.00E+00	5.79E-09	8.39E-03	7.22E-03	0.00E+00	8.36E-03	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	2.20E-02
1612	CENSUS	37	372952	3761211	NonCancerAcute	3.36E-03	3.47E-03	1.88E-02	0.00E+00	4.94E-09	7.13E-03	6.16E-03	0.00E+00	7.13E-03	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	1.88E-02
1613	CENSUS	96	373118.1	3761366	NonCancerAcute	3.78E-03	3.91E-03	2.13E-02	0.00E+00	5.69E-09	8.16E-03	7.09E-03	0.00E+00	8.18E-03	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.13E-02
1614	CENSUS	108	373224.1	3761410	NonCancerAcute	3.95E-03	4.09E-03	2.24E-02	0.00E+00	5.95E-09	8.66E-03	7.43E-03	0.00E+00	8.60E-03	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	2.24E-02
1615	CENSUS	86	373225	3761237	NonCancerAcute	3.56E-03	3.68E-03	2.01E-02	0.00E+00	5.39E-09	7.73E-03	6.71E-03	0.00E+00	7.76E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	2.01E-02
1616	CENSUS	28	373336.8	3761225	NonCancerAcute	3.58E-03	3.70E-03	2.03E-02	0.00E+00	5.29E-09	7.82E-03	6.60E-03	0.00E+00	7.65E-03	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	2.03E-02
1617	CENSUS	20	373243.2	3761083	NonCancerAcute	3.29E-03	3.40E-03	1.85E-02	0.00E+00	4.92E-09	7.08E-03	6.13E-03	0.00E+00	7.08E-03	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	1.85E-02
1618	CENSUS	0	373397.8	3761251	NonCancerAcute	3.74E-03	3.87E-03	2.12E-02	0.00E+00	5.70E-09	8.20E-03	7.10E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.12E-02
1619	CENSUS	0	373389.9	3761536	NonCancerAcute	4.35E-03	4.51E-03	2.49E-02	0.00E+00	6.62E-09	9.78E-03	8.27E-03	0.00E+00	9.58E-03	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.49E-02
1620	CENSUS	0	373806.4	3762792	NonCancerAcute	2.15E-02	2.22E-02	1.27E-01	0.00E+00	3.76E-08	5.23E-02	4.64E-02	0.00E+00	5.30E-02	0.00E+00	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.27E-01

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1621	CENSUS	0	373776.3	3762227	NonCancerAcute	8.98E-03	9.40E-03	5.63E-02	0.00E+00	1.80E-08	2.56E-02	2.24E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	5.63E-02
1622	CENSUS	0	373541.6	3762779	NonCancerAcute	1.59E-02	1.66E-02	9.49E-02	0.00E+00	2.62E-08	3.99E-02	3.28E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	2.34E-02	0.00E+00	0.00E+00	9.49E-02
1623	CENSUS	0	373680	3761753	NonCancerAcute	5.66E-03	5.88E-03	3.28E-02	0.00E+00	9.26E-09	1.32E-02	1.15E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	7.38E-03	0.00E+00	0.00E+00	3.28E-02
1624	CENSUS	92	373586.7	3762287	NonCancerAcute	8.77E-03	9.13E-03	5.58E-02	0.00E+00	1.52E-08	2.55E-02	1.89E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	5.58E-02
1625	CENSUS	0	373795.8	3761660	NonCancerAcute	5.41E-03	5.61E-03	3.13E-02	0.00E+00	9.14E-09	1.26E-02	1.14E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	3.13E-02
1626	CENSUS	0	373958.2	3761761	NonCancerAcute	5.32E-03	5.56E-03	3.18E-02	0.00E+00	9.99E-09	1.36E-02	1.25E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	8.09E-03	0.00E+00	0.00E+00	3.18E-02
1627	CENSUS	268	372744.8	3762654	NonCancerAcute	1.01E-02	1.03E-02	5.51E-02	0.00E+00	1.52E-08	1.98E-02	1.87E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	9.56E-03	0.00E+00	0.00E+00	5.51E-02
1628	CENSUS	72	372878.3	3762348	NonCancerAcute	8.37E-03	8.65E-03	4.65E-02	0.00E+00	1.41E-08	1.74E-02	1.73E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	4.65E-02
1629	CENSUS	28	372704.9	3762004	NonCancerAcute	5.59E-03	5.76E-03	3.10E-02	0.00E+00	8.46E-09	1.14E-02	1.04E-02	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	3.10E-02
1630	CENSUS	83	373329.2	3762331	NonCancerAcute	9.30E-03	9.66E-03	5.47E-02	0.00E+00	2.11E-08	2.25E-02	2.56E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.47E-02
1631	CENSUS	71	373125.3	3762591	NonCancerAcute	1.26E-02	1.31E-02	7.23E-02	0.00E+00	2.52E-08	2.84E-02	3.07E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	7.23E-02
1632	CENSUS	52	373458	3761952	NonCancerAcute	6.59E-03	6.84E-03	3.82E-02	0.00E+00	1.07E-08	1.54E-02	1.34E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	3.82E-02
1633	CENSUS	82	372967.4	3762355	NonCancerAcute	8.64E-03	8.93E-03	4.84E-02	0.00E+00	1.61E-08	1.83E-02	1.97E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	4.84E-02
1634	CENSUS	0	372636.2	3762517	NonCancerAcute	7.83E-03	8.06E-03	4.32E-02	0.00E+00	1.18E-08	1.58E-02	1.45E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	4.32E-02
1635	CENSUS	124	373423	3762314	NonCancerAcute	9.70E-03	1.01E-02	5.73E-02	0.00E+00	2.11E-08	2.38E-02	2.57E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.73E-02
1636	CENSUS	75	372792.4	3762301	NonCancerAcute	7.68E-03	7.92E-03	4.24E-02	0.00E+00	1.25E-08	1.56E-02	1.53E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	4.24E-02
1637	CENSUS	0	373438.6	3761718	NonCancerAcute	4.96E-03	5.14E-03	2.87E-02	0.00E+00	7.71E-09	1.15E-02	9.63E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	6.36E-03	0.00E+00	0.00E+00	2.87E-02
1638	CENSUS	0	373962.6	3761664	NonCancerAcute	5.00E-03	5.21E-03	2.95E-02	0.00E+00	9.12E-09	1.23E-02	1.14E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	2.95E-02
1639	CENSUS	0	374084.4	3761657	NonCancerAcute	4.76E-03	4.97E-03	2.85E-02	0.00E+00	8.84E-09	1.21E-02	1.10E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	2.85E-02
1640	CENSUS	0	373474.7	3761726	NonCancerAcute	5.07E-03	5.26E-03	2.93E-02	0.00E+00	7.77E-09	1.17E-02	9.71E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	2.93E-02
1641	CENSUS	82	373080.3	3761968	NonCancerAcute	6.09E-03	6.29E-03	3.43E-02	0.00E+00	9.40E-09	1.31E-02	1.17E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	3.43E-02
1642	CENSUS	96	373146.3	3762338	NonCancerAcute	9.08E-03	9.41E-03	5.20E-02	0.00E+00	1.95E-08	2.05E-02	2.37E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.20E-02
1643	CENSUS	88	373237	3762333	NonCancerAcute	9.25E-03	9.60E-03	5.36E-02	0.00E+00	2.06E-08	2.15E-02	2.50E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.36E-02
1644	CENSUS	89	373172.7	3761953	NonCancerAcute	5.94E-03	6.14E-03	3.37E-02	0.00E+00	9.70E-09	1.31E-02	1.20E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	3.37E-02
1645	CENSUS	69	373266	3761939	NonCancerAcute	6.00E-03	6.22E-03	3.44E-02	0.00E+00	9.99E-09	1.35E-02	1.24E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	3.44E-02
1646	CENSUS	71	373359.3	3761926	NonCancerAcute	6.03E-03	6.25E-03	3.48E-02	0.00E+00	1.01E-08	1.39E-02	1.26E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	7.71E-03	0.00E+00	0.00E+00	3.48E-02
1647	CENSUS	71	373056.6	3762343	NonCancerAcute	8.88E-03	9.19E-03	5.02E-02	0.00E+00	1.76E-08	1.94E-02	2.15E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.02E-02
1648	CENSUS	61	372989.5	3761990	NonCancerAcute	6.00E-03	6.20E-03	3.37E-02	0.00E+00	9.42E-09	1.28E-02	1.17E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	3.37E-02
1649	CENSUS	33	372927.9	3762084	NonCancerAcute	6.46E-03	6.66E-03	3.61E-02	0.00E+00	9.96E-09	1.36E-02	1.23E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	3.61E-02
1650	CENSUS	45	372845.8	3761986	NonCancerAcute	5.84E-03	6.02E-03	3.25E-02	0.00E+00	8.61E-09	1.21E-02	1.07E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	3.25E-02
1651	CENSUS	16	372765.4	3761940	NonCancerAcute	5.46E-03	5.63E-03	3.04E-02	0.00E+00	8.29E-09	1.13E-02	1.03E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	3.04E-02
1652	CENSUS	0	372733.5	3761882	NonCancerAcute	5.11E-03	5.27E-03	2.84E-02	0.00E+00	7.66E-09	1.06E-02	9.48E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.84E-02
1653	CENSUS	0	374865.4	3763128	NonCancerAcute	6.46E-03	6.73E-03	3.80E-02	0.00E+00	1.92E-08	1.58E-02	2.30E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	9.09E-03	0.00E+00	0.00E+00	3.80E-02
1654	CENSUS	21	374725.5	3762580	NonCancerAcute	6.33E-03	6.65E-03	3.99E-02	0.00E+00	1.42E-08	1.83E-02	1.76E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	3.99E-02
1655	CENSUS	0	374705.7	3762798	NonCancerAcute	7.04E-03	7.39E-03	4.40E-02	0.00E+00	1.83E-08	2.00E-02	2.25E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	4.40E-02
1656	CENSUS	10	374854.6	3762458	NonCancerAcute	5.58E-03	5.87E-03	3.53E-02	0.00E+00	1.36E-08	1.63E-02	1.68E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.53E-02
1657	CENSUS	49	374850.6	3762610	NonCancerAcute	5.60E-03	5.88E-03	3.52E-02	0.00E+00	1.32E-08	1.61E-02	1.63E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	3.52E-02
1658	CENSUS	80	375211.5	3763031	NonCancerAcute	5.51E-03	5.73E-03	3.26E-02	0.00E+00	1.36E-08	1.35E-02	1.65E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	3.26E-02
1659	CENSUS	61	375245.9	3763112	NonCancerAcute	5.66E-03	5.88E-03	3.30E-02	0.00E+00	1.38E-08	1.34E-02	1.66E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	3.30E-02
1660	CENSUS	34	375299.2	3763191	NonCancerAcute	5.20E-03	5.40E-03	3.06E-02	0.00E+00	1.32E-08	1.27E-02	1.60E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	3.06E-02
1661	CENSUS	37	375253.3	3763277	NonCancerAcute	5.55E-03	5.76E-03	3.24E-02	0.00E+00	1.34E-08	1.31E-02	1.62E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	3.24E-02
1662	CENSUS	77	375135	3762933	NonCancerAcute	5.85E-03	6.09E-03	3.47E-02	0.00E+00	1.43E-08	1.44E-02	1.73E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	8.39E-03	0.00E+00	0.00E+00	3.47E-02
1663	CENSUS	64	375057.8	3762874	NonCancerAcute	5.95E-03	6.20E-03	3.55E-02	0.00E+00	1.30E-08	1.49E-02	1.59E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	3.55E-02
1664	CENSUS	68	374996.8	3762805	NonCancerAcute	5.65E-03	5.91E-03	3.45E-02	0.00E+00	1.33E-08	1.51E-02	1.63E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	9.27E-03	0.00E+00	0.00E+00	3.45E-02
1665	CENSUS	54	374949.6	3762729	NonCancerAcute	5.48E-03	5.74E-03	3.39E-02	0.00E+00	1.36E-08	1.51E-02	1.66E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	3.39E-02
1666	CENSUS	49	374944.8	3762629	NonCancerAcute	5.37E-03	5.64E-03	3.36E-02	0.00E+00	1.36E-08	1.53E-02	1.67E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	9.70E-03	0.00E+00	0.00E+00	3.36E-02
1667	CENSUS	0	374634.1	3762678	NonCancerAcute	7.20E-03	7.58E-03	4.59E-02	0.00E+00	1.69E-08	2.15E-02	2.10E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	4.59E-02
1668	CENSUS	25	375310.7	3762916	NonCancerAcute	5.19E-03	5.39E-03	3.06E-02	0.00E+00	1.33E-08	1.27E-02	1.61E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	3.06E-02
1669	CENSUS	43	375367.7	3762792	NonCancerAcute	4.92E-03	5.11E-03	2.90E-02	0.00E+00	1.25E-08	1.20E-02	1.51E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	6.90E-03	0.00E+00	0.00E+00	2.90E-02
1670	CENSUS	20	375300.7	3762759	NonCancerAcute	5.07E-03	5.27E-03	3.00E-02	0.00E+00	1.24E-08	1.25E-02	1.50E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	7.27E-03	0.00E+00	0.00E+00	3.00E-02
1671	CENSUS	144	375455.4	3762540	NonCancerAcute	3.95E-03	4.13E-03	2.36E-02	0.00E+00	1.15E-08	1.00E-02	1.38E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	2.36E-02
1672	CENSUS	38	375353.3	3762580	NonCancerAcute	4.23E-03	4.42E-03	2.53E-02	0.00E+00	1.21E-08	1.08E-02	1.46E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	2.53E-02
1673	CENSUS	69	375241.4	3762590	NonCancerAcute	4.72E-03	4.94E-03	2.85E-02	0.00E+00	1.32E-08	1.23E-02	1.60E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	7.41E-03	0.00E+00	0.00E+00	2.85E-02
1674	CENSUS	162	375327.6	3762408	NonCancerAcute	3.85E-03	4.03E-03	2.34E-02	0.00E+00	1.17E-08	1.03E-02	1.41E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	2.34E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1675	CENSUS	60	375348.5	3762306	NonCancerAcute	3.64E-03	3.82E-03	2.23E-02	0.00E+00	1.12E-08	9.89E-03	1.35E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	2.23E-02
1676	CENSUS	51	375017.4	3762454	NonCancerAcute	5.09E-03	5.35E-03	3.17E-02	0.00E+00	1.42E-08	1.43E-02	1.73E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	9.03E-03	0.00E+00	0.00E+00	3.17E-02
1677	CENSUS	146	375236.2	3762327	NonCancerAcute	4.00E-03	4.19E-03	2.45E-02	0.00E+00	1.20E-08	1.09E-02	1.45E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	2.45E-02
1678	CENSUS	0	375238.8	3761939	NonCancerAcute	3.33E-03	3.48E-03	1.97E-02	0.00E+00	7.07E-09	8.27E-03	8.74E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	1.97E-02
1679	CENSUS	24	375342.7	3761939	NonCancerAcute	3.26E-03	3.40E-03	1.90E-02	0.00E+00	6.97E-09	7.80E-03	8.57E-03	0.00E+00	9.82E-03	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	1.90E-02
1680	CENSUS	2	375252.8	3761961	NonCancerAcute	3.34E-03	3.49E-03	1.97E-02	0.00E+00	7.25E-09	8.29E-03	8.94E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	1.97E-02
1681	CENSUS	210	375140.5	3762234	NonCancerAcute	4.28E-03	4.49E-03	2.63E-02	0.00E+00	1.18E-08	1.17E-02	1.44E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	2.63E-02
1682	CENSUS	85	375154.8	3762148	NonCancerAcute	4.10E-03	4.30E-03	2.49E-02	0.00E+00	1.18E-08	1.09E-02	1.43E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	2.49E-02
1683	CENSUS	57	375072.8	3761852	NonCancerAcute	3.73E-03	3.91E-03	2.26E-02	0.00E+00	1.02E-08	9.85E-03	1.25E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	2.26E-02
1684	CENSUS	55	375122.1	3761985	NonCancerAcute	3.70E-03	3.88E-03	2.24E-02	0.00E+00	1.02E-08	9.86E-03	1.25E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	2.24E-02
1685	CENSUS	52	375121.6	3762088	NonCancerAcute	3.98E-03	4.18E-03	2.44E-02	0.00E+00	1.15E-08	1.09E-02	1.40E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	2.44E-02
1686	CENSUS	21	375207	3761815	NonCancerAcute	3.21E-03	3.37E-03	1.92E-02	0.00E+00	7.91E-09	8.25E-03	9.69E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	1.92E-02
1687	CENSUS	0	374590.5	3762620	NonCancerAcute	7.26E-03	7.67E-03	4.70E-02	0.00E+00	1.63E-08	2.25E-02	2.04E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	4.70E-02
1688	CENSUS	64	374577.8	3762514	NonCancerAcute	7.03E-03	7.44E-03	4.59E-02	0.00E+00	1.55E-08	2.22E-02	1.96E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	4.59E-02
1689	CENSUS	37	374637	3762371	NonCancerAcute	5.95E-03	6.32E-03	3.95E-02	0.00E+00	1.34E-08	1.96E-02	1.70E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	3.95E-02
1690	CENSUS	123	374906.6	3762064	NonCancerAcute	5.04E-03	5.29E-03	3.14E-02	0.00E+00	1.20E-08	1.42E-02	1.47E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	8.95E-03	0.00E+00	0.00E+00	3.14E-02
1691	CENSUS	74	374966	3762166	NonCancerAcute	4.88E-03	5.13E-03	3.06E-02	0.00E+00	1.22E-08	1.40E-02	1.50E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	3.06E-02
1692	CENSUS	325	374728	3761965	NonCancerAcute	5.33E-03	5.61E-03	3.33E-02	0.00E+00	1.31E-08	1.51E-02	1.62E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	9.59E-03	0.00E+00	0.00E+00	3.33E-02
1693	CENSUS	28	374645	3762041	NonCancerAcute	6.35E-03	6.67E-03	3.98E-02	0.00E+00	1.36E-08	1.81E-02	1.70E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	3.98E-02
1694	CENSUS	0	374773	3761992	NonCancerAcute	4.93E-03	5.18E-03	3.07E-02	0.00E+00	1.26E-08	1.39E-02	1.55E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	3.07E-02
1695	CENSUS	72	374677.8	3762218	NonCancerAcute	6.97E-03	7.32E-03	4.36E-02	0.00E+00	1.41E-08	1.98E-02	1.77E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.36E-02
1696	CENSUS	28	374611.6	3762288	NonCancerAcute	7.55E-03	7.93E-03	4.77E-02	0.00E+00	1.45E-08	2.20E-02	1.83E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	4.77E-02
1697	CENSUS	0	374413.2	3762529	NonCancerAcute	9.86E-03	1.05E-02	6.57E-02	0.00E+00	1.95E-08	3.26E-02	2.51E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	6.57E-02
1698	CENSUS	350	374193.3	3762156	NonCancerAcute	7.38E-03	7.86E-03	4.98E-02	0.00E+00	1.33E-08	2.52E-02	1.75E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	4.98E-02
1699	CENSUS	112	374691.6	3761662	NonCancerAcute	4.15E-03	4.36E-03	2.57E-02	0.00E+00	1.10E-08	1.16E-02	1.34E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	7.24E-03	0.00E+00	0.00E+00	2.57E-02
1700	CENSUS	23	374761.6	3761594	NonCancerAcute	3.94E-03	4.14E-03	2.42E-02	0.00E+00	1.04E-08	1.08E-02	1.27E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	2.42E-02
1701	CENSUS	74	374624.3	3761489	NonCancerAcute	3.75E-03	3.91E-03	2.21E-02	0.00E+00	7.24E-09	9.22E-03	8.99E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	2.21E-02
1702	CENSUS	34	374605.6	3761353	NonCancerAcute	3.39E-03	3.53E-03	1.99E-02	0.00E+00	6.44E-09	8.29E-03	8.00E-03	0.00E+00	9.25E-03	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	1.99E-02
1703	CENSUS	83	374515.1	3761531	NonCancerAcute	3.87E-03	4.04E-03	2.31E-02	0.00E+00	7.24E-09	9.83E-03	9.04E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	2.31E-02
1704	CENSUS	0	374440.8	3761452	NonCancerAcute	3.58E-03	3.74E-03	2.14E-02	0.00E+00	6.54E-09	9.14E-03	8.19E-03	0.00E+00	9.55E-03	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	2.14E-02
1705	CENSUS	137	374317.4	3761468	NonCancerAcute	3.78E-03	3.95E-03	2.26E-02	0.00E+00	6.95E-09	9.59E-03	8.70E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	2.26E-02
1706	CENSUS	123	374273.3	3761382	NonCancerAcute	3.68E-03	3.84E-03	2.17E-02	0.00E+00	6.64E-09	9.06E-03	8.29E-03	0.00E+00	9.63E-03	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	2.17E-02
1707	CENSUS	48	374309.3	3761171	NonCancerAcute	3.19E-03	3.32E-03	1.87E-02	0.00E+00	5.70E-09	7.70E-03	7.10E-03	0.00E+00	8.23E-03	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.87E-02
1708	CENSUS	10	374993.8	3761699	NonCancerAcute	3.75E-03	3.92E-03	2.23E-02	0.00E+00	9.18E-09	9.50E-03	1.12E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	2.23E-02
1709	CENSUS	23	374935.9	3761602	NonCancerAcute	3.61E-03	3.77E-03	2.16E-02	0.00E+00	9.15E-09	9.28E-03	1.12E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	2.16E-02
1710	CENSUS	31	374883.6	3761611	NonCancerAcute	3.80E-03	3.98E-03	2.28E-02	0.00E+00	9.64E-09	9.83E-03	1.18E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	2.28E-02
1711	CENSUS	8	374833.3	3761616	NonCancerAcute	3.97E-03	4.15E-03	2.41E-02	0.00E+00	1.02E-08	1.05E-02	1.24E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	2.41E-02
1712	CENSUS	14	374818.7	3761527	NonCancerAcute	3.70E-03	3.88E-03	2.24E-02	0.00E+00	9.60E-09	9.78E-03	1.17E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	2.24E-02
1713	CENSUS	41	374865.7	3761513	NonCancerAcute	3.65E-03	3.82E-03	2.19E-02	0.00E+00	9.31E-09	9.47E-03	1.14E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	2.19E-02
1714	CENSUS	52	374917.9	3761502	NonCancerAcute	3.58E-03	3.74E-03	2.14E-02	0.00E+00	8.97E-09	9.12E-03	1.09E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.14E-02
1715	CENSUS	42	375011.8	3761596	NonCancerAcute	3.42E-03	3.58E-03	2.04E-02	0.00E+00	8.20E-09	8.67E-03	1.00E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	2.04E-02
1716	CENSUS	12	374799.4	3761431	NonCancerAcute	3.54E-03	3.70E-03	2.12E-02	0.00E+00	8.64E-09	9.05E-03	1.06E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.12E-02
1717	PROPERTY		373878.3	3763644	NonCancerAcute	1.79E-02	1.85E-02	1.05E-01	0.00E+00	2.14E-07	4.23E-02	2.45E-01	0.00E+00	2.57E-01	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	2.57E-01
1718	PROPERTY		373970.5	3763624	NonCancerAcute	1.54E-02	1.59E-02	9.01E-02	0.00E+00	1.33E-07	3.65E-02	1.52E-01	0.00E+00	1.61E-01	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.61E-01
1719	PROPERTY		374064.3	3763658	NonCancerAcute	1.25E-02	1.29E-02	7.28E-02	0.00E+00	6.28E-08	2.93E-02	7.32E-02	0.00E+00	7.85E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.85E-02
1720	PROPERTY		374104.6	3763597	NonCancerAcute	1.12E-02	1.16E-02	6.52E-02	0.00E+00	3.30E-08	2.61E-02	3.93E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.52E-02
1721	PROPERTY		374149.7	3763551	NonCancerAcute	1.06E-02	1.10E-02	6.19E-02	0.00E+00	2.31E-08	2.50E-02	2.80E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.19E-02
1722	PROPERTY		374116.7	3763467	NonCancerAcute	1.17E-02	1.21E-02	6.86E-02	0.00E+00	3.38E-08	2.81E-02	4.03E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	6.86E-02
1723	PROPERTY		374142.8	3763403	NonCancerAcute	1.17E-02	1.21E-02	6.87E-02	0.00E+00	4.24E-08	2.82E-02	5.00E-02	0.00E+00	5.44E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	6.87E-02
1724	PROPERTY		374142.2	3763307	NonCancerAcute	1.26E-02	1.30E-02	7.39E-02	0.00E+00	4.11E-08	3.01E-02	4.87E-02	0.00E+00	5.33E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	7.39E-02
1725	PROPERTY		374140	3763207	NonCancerAcute	1.31E-02	1.36E-02	7.69E-02	0.00E+00	3.43E-08	3.14E-02	4.12E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	7.69E-02
1726	PROPERTY		374184.9	3763187	NonCancerAcute	1.16E-02	1.21E-02	6.93E-02	0.00E+00	2.86E-08	2.90E-02	3.46E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	6.93E-02
1727	PROPERTY		374255.8	3763140	NonCancerAcute	1.05E-02	1.10E-02	6.34E-02	0.00E+00	2.36E-08	2.71E-02	2.88E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	6.34E-02
1728	PROPERTY		374255.9	3763058	NonCancerAcute	1.06E-02	1.11E-02	6.57E-02	0.00E+00	2.29E-08	2.92E-02	2.84E-02	0.00E+00	3.25E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	6.57E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1729	PROPERTY		374303.9	3763049	NonCancerAcute	1.02E-02	1.08E-02	6.70E-02	0.00E+00	2.15E-08	3.24E-02	2.72E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	6.70E-02
1730	PROPERTY		374350.8	3763006	NonCancerAcute	9.64E-03	1.01E-02	5.94E-02	0.00E+00	2.04E-08	2.63E-02	2.53E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	5.94E-02
1731	PROPERTY		374338.8	3762922	NonCancerAcute	8.97E-03	9.44E-03	5.73E-02	0.00E+00	2.02E-08	2.68E-02	2.52E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	5.73E-02
1732	PROPERTY		374390.8	3762908	NonCancerAcute	8.44E-03	8.88E-03	5.36E-02	0.00E+00	1.83E-08	2.49E-02	2.28E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	5.36E-02
1733	PROPERTY		374432	3762848	NonCancerAcute	8.34E-03	8.90E-03	5.74E-02	0.00E+00	1.84E-08	2.96E-02	2.36E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	5.74E-02
1734	PROPERTY		374466.4	3762754	NonCancerAcute	8.23E-03	8.68E-03	5.31E-02	0.00E+00	1.70E-08	2.52E-02	2.15E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	5.31E-02
1735	PROPERTY		374500.8	3762660	NonCancerAcute	8.10E-03	8.59E-03	5.37E-02	0.00E+00	1.82E-08	2.64E-02	2.30E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	5.37E-02
1736	PROPERTY		374509.2	3762571	NonCancerAcute	7.55E-03	8.01E-03	5.03E-02	0.00E+00	1.65E-08	2.49E-02	2.09E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	5.03E-02
1737	PROPERTY		374507.2	3762488	NonCancerAcute	7.28E-03	7.78E-03	5.02E-02	0.00E+00	1.66E-08	2.60E-02	2.12E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	5.02E-02
1738	PROPERTY		374485.3	3762391	NonCancerAcute	9.14E-03	9.70E-03	6.08E-02	0.00E+00	1.76E-08	3.01E-02	2.27E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	6.08E-02
1739	PROPERTY		374481	3762291	NonCancerAcute	8.02E-03	8.56E-03	5.48E-02	0.00E+00	1.76E-08	2.81E-02	2.25E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	5.48E-02
1740	PROPERTY		374481.6	3762191	NonCancerAcute	6.35E-03	6.85E-03	4.52E-02	0.00E+00	1.62E-08	2.43E-02	2.07E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	4.52E-02
1741	PROPERTY		374496.6	3762092	NonCancerAcute	5.85E-03	6.25E-03	4.00E-02	0.00E+00	1.23E-08	2.06E-02	1.58E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	4.00E-02
1742	PROPERTY		374507.3	3761993	NonCancerAcute	5.32E-03	5.65E-03	3.50E-02	0.00E+00	9.96E-09	1.72E-02	1.29E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	3.50E-02
1743	PROPERTY		374508	3761893	NonCancerAcute	4.93E-03	5.20E-03	3.13E-02	0.00E+00	9.53E-09	1.46E-02	1.21E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	3.13E-02
1744	PROPERTY		374492.3	3761807	NonCancerAcute	4.74E-03	4.99E-03	2.95E-02	0.00E+00	8.96E-09	1.34E-02	1.13E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	2.95E-02
1745	PROPERTY		374402.7	3761799	NonCancerAcute	4.87E-03	5.13E-03	3.10E-02	0.00E+00	8.79E-09	1.45E-02	1.12E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	3.10E-02
1746	PROPERTY		374333	3761769	NonCancerAcute	4.81E-03	5.05E-03	3.01E-02	0.00E+00	8.59E-09	1.37E-02	1.09E-02	0.00E+00	1.29E-02	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	3.01E-02
1747	PROPERTY		374256.6	3761794	NonCancerAcute	4.94E-03	5.20E-03	3.09E-02	0.00E+00	9.08E-09	1.41E-02	1.15E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	8.95E-03	0.00E+00	0.00E+00	3.09E-02
1748	PROPERTY		374212.3	3761849	NonCancerAcute	5.27E-03	5.55E-03	3.30E-02	0.00E+00	9.48E-09	1.51E-02	1.21E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	9.58E-03	0.00E+00	0.00E+00	3.30E-02
1749	PROPERTY		374112.3	3761852	NonCancerAcute	5.52E-03	5.79E-03	3.41E-02	0.00E+00	1.02E-08	1.53E-02	1.29E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	9.59E-03	0.00E+00	0.00E+00	3.41E-02
1750	PROPERTY		374128.9	3761865	NonCancerAcute	5.56E-03	5.84E-03	3.45E-02	0.00E+00	1.02E-08	1.56E-02	1.30E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	9.78E-03	0.00E+00	0.00E+00	3.45E-02
1751	PROPERTY		374156.7	3761936	NonCancerAcute	6.08E-03	6.41E-03	3.84E-02	0.00E+00	1.06E-08	1.78E-02	1.36E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	3.84E-02
1752	PROPERTY		374156.7	3762036	NonCancerAcute	6.78E-03	7.17E-03	4.41E-02	0.00E+00	1.35E-08	2.13E-02	1.72E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	4.41E-02
1753	PROPERTY		374156.8	3762136	NonCancerAcute	7.36E-03	7.82E-03	4.92E-02	0.00E+00	1.57E-08	2.46E-02	2.01E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	4.92E-02
1754	PROPERTY		374156.8	3762236	NonCancerAcute	8.25E-03	8.82E-03	5.68E-02	0.00E+00	1.87E-08	2.93E-02	2.39E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	5.68E-02
1755	PROPERTY		374070.2	3762223	NonCancerAcute	9.02E-03	9.56E-03	5.97E-02	0.00E+00	1.96E-08	2.93E-02	2.48E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	5.97E-02
1756	PROPERTY		373982.1	3762247	NonCancerAcute	9.31E-03	9.84E-03	6.07E-02	0.00E+00	2.02E-08	2.93E-02	2.54E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	6.07E-02
1757	PROPERTY		373919.4	3762187	NonCancerAcute	8.31E-03	8.73E-03	5.23E-02	0.00E+00	1.59E-08	2.40E-02	2.00E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	5.23E-02
1758	PROPERTY		373887.7	3762093	NonCancerAcute	7.86E-03	8.22E-03	4.83E-02	0.00E+00	1.59E-08	2.14E-02	1.98E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	4.83E-02
1759	PROPERTY		373815.8	3762029	NonCancerAcute	7.37E-03	7.71E-03	4.50E-02	0.00E+00	1.35E-08	1.98E-02	1.69E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.50E-02
1760	PROPERTY		373715.9	3762024	NonCancerAcute	7.07E-03	7.36E-03	4.25E-02	0.00E+00	1.20E-08	1.81E-02	1.50E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.25E-02
1761	PROPERTY		373700.9	3761935	NonCancerAcute	6.54E-03	6.80E-03	3.87E-02	0.00E+00	1.09E-08	1.62E-02	1.36E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	9.43E-03	0.00E+00	0.00E+00	3.87E-02
1762	PROPERTY		373682.9	3761849	NonCancerAcute	6.14E-03	6.38E-03	3.59E-02	0.00E+00	1.01E-08	1.47E-02	1.27E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	3.59E-02
1763	PROPERTY		373582.9	3761849	NonCancerAcute	5.51E-03	5.72E-03	3.24E-02	0.00E+00	9.16E-09	1.33E-02	1.14E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	3.24E-02
1764	PROPERTY		373543.8	3761893	NonCancerAcute	5.79E-03	6.02E-03	3.40E-02	0.00E+00	9.18E-09	1.40E-02	1.15E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	7.98E-03	0.00E+00	0.00E+00	3.40E-02
1765	PROPERTY		373575.2	3761988	NonCancerAcute	6.50E-03	6.76E-03	3.87E-02	0.00E+00	1.09E-08	1.62E-02	1.37E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	9.54E-03	0.00E+00	0.00E+00	3.87E-02
1766	PROPERTY		373595	3762086	NonCancerAcute	7.23E-03	7.52E-03	4.36E-02	0.00E+00	1.26E-08	1.86E-02	1.57E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.36E-02
1767	PROPERTY		373605.1	3762185	NonCancerAcute	8.25E-03	8.60E-03	5.21E-02	0.00E+00	1.48E-08	2.36E-02	1.84E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	5.21E-02
1768	PROPERTY		373606.5	3762285	NonCancerAcute	8.63E-03	9.00E-03	5.68E-02	0.00E+00	1.52E-08	2.71E-02	1.90E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	5.68E-02
1769	PROPERTY		373595.3	3762384	NonCancerAcute	9.60E-03	9.98E-03	5.82E-02	0.00E+00	1.66E-08	2.50E-02	2.07E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	5.82E-02
1770	PROPERTY		373583.5	3762484	NonCancerAcute	1.05E-02	1.09E-02	6.32E-02	0.00E+00	1.77E-08	2.71E-02	2.22E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	6.32E-02
1771	PROPERTY		373571.6	3762583	NonCancerAcute	1.20E-02	1.25E-02	7.20E-02	0.00E+00	1.95E-08	3.07E-02	2.45E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	7.20E-02
1772	PROPERTY		373559.7	3762682	NonCancerAcute	1.41E-02	1.46E-02	8.36E-02	0.00E+00	2.20E-08	3.49E-02	2.77E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	8.36E-02
1773	PROPERTY		373547.8	3762782	NonCancerAcute	1.60E-02	1.66E-02	9.55E-02	0.00E+00	2.62E-08	4.02E-02	3.28E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	9.55E-02
1774	PROPERTY		373475.8	3762792	NonCancerAcute	1.69E-02	1.76E-02	9.88E-02	0.00E+00	3.05E-08	4.05E-02	3.79E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	9.88E-02
1775	PROPERTY		373378.9	3762767	NonCancerAcute	1.62E-02	1.69E-02	9.48E-02	0.00E+00	3.35E-08	3.87E-02	4.11E-02	0.00E+00	4.68E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	9.48E-02
1776	PROPERTY		373281.1	3762746	NonCancerAcute	1.53E-02	1.59E-02	8.89E-02	0.00E+00	3.01E-08	3.60E-02	3.70E-02	0.00E+00	4.21E-02	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	8.89E-02
1777	PROPERTY		373182.6	3762730	NonCancerAcute	1.53E-02	1.58E-02	8.78E-02	0.00E+00	2.86E-08	3.46E-02	3.50E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	8.78E-02
1778	PROPERTY		373082.8	3762735	NonCancerAcute	1.51E-02	1.55E-02	8.53E-02	0.00E+00	2.78E-08	3.28E-02	3.39E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	8.53E-02
1779	PROPERTY		372983.3	3762744	NonCancerAcute	1.39E-02	1.44E-02	7.79E-02	0.00E+00	2.76E-08	2.93E-02	3.35E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	7.79E-02
1780	PROPERTY		372922.5	3762766	NonCancerAcute	1.29E-02	1.32E-02	7.07E-02	0.00E+00	2.02E-08	2.57E-02	2.48E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	7.07E-02
1781	PROPERTY		372998.6	3762831	NonCancerAcute	1.45E-02	1.50E-02	8.10E-02	0.00E+00	2.89E-08	3.03E-02	3.50E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	8.10E-02
1782	PROPERTY		373074.6	3762896	NonCancerAcute	1.74E-02	1.80E-02	9.70E-02	0.00E+00	3.31E-08	3.61E-02	4.02E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	9.70E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1783	PROPERTY		373050.9	3762933	NonCancerAcute	1.83E-02	1.89E-02	1.01E-01	0.00E+00	3.45E-08	3.75E-02	4.19E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.01E-01
1784	PROPERTY		372952.4	3762950	NonCancerAcute	1.87E-02	1.93E-02	1.04E-01	0.00E+00	3.08E-08	3.78E-02	3.76E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	1.04E-01
1785	PROPERTY		372853.8	3762967	NonCancerAcute	1.92E-02	1.97E-02	1.05E-01	0.00E+00	2.80E-08	3.77E-02	3.42E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.05E-01
1786	PROPERTY		372817.6	3763003	NonCancerAcute	1.97E-02	2.02E-02	1.07E-01	0.00E+00	2.73E-08	3.79E-02	3.34E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	1.07E-01
1787	PROPERTY		372855.3	3763071	NonCancerAcute	2.33E-02	2.38E-02	1.26E-01	0.00E+00	2.96E-08	4.38E-02	3.64E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	1.26E-01
1788	PROPERTY		372791.7	3763148	NonCancerAcute	2.42E-02	2.47E-02	1.31E-01	0.00E+00	2.88E-08	4.50E-02	3.55E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	1.31E-01
1789	PROPERTY		372728.1	3763226	NonCancerAcute	2.56E-02	2.62E-02	1.38E-01	0.00E+00	2.71E-08	4.68E-02	3.36E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.38E-01
1790	PROPERTY		372658.3	3763242	NonCancerAcute	2.20E-02	2.25E-02	1.20E-01	0.00E+00	2.51E-08	4.18E-02	3.11E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.20E-01
1791	PROPERTY		372579.3	3763181	NonCancerAcute	1.83E-02	1.87E-02	9.97E-02	0.00E+00	2.27E-08	3.52E-02	2.80E-02	0.00E+00	3.17E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	9.97E-02
1792	PROPERTY		372500.1	3763120	NonCancerAcute	1.41E-02	1.44E-02	7.65E-02	0.00E+00	2.13E-08	2.70E-02	2.60E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	7.65E-02
1793	PROPERTY		372548.6	3763057	NonCancerAcute	1.34E-02	1.38E-02	7.26E-02	0.00E+00	1.71E-08	2.53E-02	2.12E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	7.26E-02
1794	PROPERTY		372573.5	3763016	NonCancerAcute	1.31E-02	1.34E-02	7.11E-02	0.00E+00	1.78E-08	2.51E-02	2.19E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	7.11E-02
1795	PROPERTY		372475.1	3763034	NonCancerAcute	1.20E-02	1.23E-02	6.49E-02	0.00E+00	1.56E-08	2.29E-02	1.92E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	6.49E-02
1796	PROPERTY		372376.6	3763051	NonCancerAcute	1.16E-02	1.19E-02	6.39E-02	0.00E+00	1.93E-08	2.32E-02	2.35E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.39E-02
1797	PROPERTY		372278.1	3763069	NonCancerAcute	9.76E-03	1.00E-02	5.37E-02	0.00E+00	1.55E-08	1.95E-02	1.90E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	9.49E-03	0.00E+00	0.00E+00	5.37E-02
1798	PROPERTY		372179.7	3763086	NonCancerAcute	7.57E-03	7.79E-03	4.19E-02	0.00E+00	9.58E-09	1.53E-02	1.20E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	7.61E-03	0.00E+00	0.00E+00	4.19E-02
1799	PROPERTY		372156.1	3763161	NonCancerAcute	7.87E-03	8.09E-03	4.34E-02	0.00E+00	9.30E-09	1.57E-02	1.17E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	7.68E-03	0.00E+00	0.00E+00	4.34E-02
1800	PROPERTY		372157	3763261	NonCancerAcute	9.35E-03	9.61E-03	5.13E-02	0.00E+00	1.20E-08	1.85E-02	1.49E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	8.91E-03	0.00E+00	0.00E+00	5.13E-02
1801	PROPERTY		372151.8	3763361	NonCancerAcute	9.04E-03	9.29E-03	4.98E-02	0.00E+00	1.05E-08	1.81E-02	1.32E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	8.83E-03	0.00E+00	0.00E+00	4.98E-02
1802	PROPERTY		372145.4	3763461	NonCancerAcute	8.31E-03	8.55E-03	4.63E-02	0.00E+00	9.43E-09	1.71E-02	1.19E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	4.63E-02
1803	PROPERTY		372139	3763561	NonCancerAcute	8.50E-03	8.74E-03	4.73E-02	0.00E+00	9.25E-09	1.75E-02	1.17E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	4.73E-02
1804	PROPERTY		372132.6	3763661	NonCancerAcute	8.54E-03	8.80E-03	4.80E-02	0.00E+00	9.34E-09	1.80E-02	1.19E-02	0.00E+00	1.39E-02	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	4.80E-02
1805	PROPERTY		372108.8	3763756	NonCancerAcute	8.42E-03	8.68E-03	4.76E-02	0.00E+00	9.09E-09	1.82E-02	1.16E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	9.54E-03	0.00E+00	0.00E+00	4.76E-02
1806	PROPERTY		372040.7	3763829	NonCancerAcute	7.70E-03	7.94E-03	4.37E-02	0.00E+00	8.42E-09	1.68E-02	1.08E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	4.37E-02
1807	PROPERTY		371970.3	3763900	NonCancerAcute	7.05E-03	7.27E-03	3.99E-02	0.00E+00	7.63E-09	1.53E-02	9.76E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	8.03E-03	0.00E+00	0.00E+00	3.99E-02
1808	PROPERTY		371894.1	3763964	NonCancerAcute	6.48E-03	6.68E-03	3.66E-02	0.00E+00	7.21E-09	1.40E-02	9.19E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	3.66E-02
1809	PROPERTY		371869.3	3764039	NonCancerAcute	6.30E-03	6.49E-03	3.56E-02	0.00E+00	6.86E-09	1.36E-02	8.77E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	3.56E-02
1810	PROPERTY		371911.6	3764129	NonCancerAcute	6.83E-03	7.04E-03	3.87E-02	0.00E+00	6.77E-09	1.48E-02	8.75E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	3.87E-02
1811	PROPERTY		371964.4	3764214	NonCancerAcute	7.16E-03	7.40E-03	4.12E-02	0.00E+00	6.91E-09	1.62E-02	9.06E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	8.88E-03	0.00E+00	0.00E+00	4.12E-02
1812	PROPERTY		371963.3	3764286	NonCancerAcute	7.30E-03	7.56E-03	4.26E-02	0.00E+00	6.79E-09	1.73E-02	9.04E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	9.78E-03	0.00E+00	0.00E+00	4.26E-02
1813	PROPERTY		371878.8	3764340	NonCancerAcute	6.26E-03	6.47E-03	3.57E-02	0.00E+00	6.25E-09	1.39E-02	8.13E-03	0.00E+00	9.70E-03	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	3.57E-02
1814	PROPERTY		371794.2	3764393	NonCancerAcute	5.58E-03	5.75E-03	3.13E-02	0.00E+00	5.80E-09	1.18E-02	7.43E-03	0.00E+00	8.76E-03	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	3.13E-02
1815	PROPERTY		371830.2	3764481	NonCancerAcute	5.53E-03	5.71E-03	3.13E-02	0.00E+00	5.83E-09	1.20E-02	7.51E-03	0.00E+00	8.90E-03	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	3.13E-02
1816	PROPERTY		371877.7	3764518	NonCancerAcute	5.97E-03	6.20E-03	3.52E-02	0.00E+00	5.86E-09	1.45E-02	7.81E-03	0.00E+00	9.56E-03	0.00E+00	0.00E+00	8.40E-03	0.00E+00	0.00E+00	3.52E-02
1817	PROPERTY		371958	3764459	NonCancerAcute	6.54E-03	6.75E-03	3.73E-02	0.00E+00	6.32E-09	1.45E-02	8.25E-03	0.00E+00	9.88E-03	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	3.73E-02
1818	PROPERTY		372038.3	3764399	NonCancerAcute	7.70E-03	7.98E-03	4.51E-02	0.00E+00	7.05E-09	1.84E-02	9.42E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.51E-02
1819	PROPERTY		372100.6	3764433	NonCancerAcute	8.69E-03	8.99E-03	5.03E-02	0.00E+00	7.82E-09	2.00E-02	1.04E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.03E-02
1820	PROPERTY		372151.4	3764519	NonCancerAcute	9.33E-03	9.65E-03	5.38E-02	0.00E+00	1.03E-08	2.14E-02	1.33E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.38E-02
1821	PROPERTY		372202.2	3764605	NonCancerAcute	8.05E-03	8.29E-03	4.55E-02	0.00E+00	7.78E-09	1.74E-02	1.01E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	4.55E-02
1822	PROPERTY		372253	3764691	NonCancerAcute	8.25E-03	8.50E-03	4.62E-02	0.00E+00	8.61E-09	1.73E-02	1.10E-02	0.00E+00	1.30E-02	0.00E+00	0.00E+00	8.86E-03	0.00E+00	0.00E+00	4.62E-02
1823	PROPERTY		372304.8	3764776	NonCancerAcute	9.49E-03	9.76E-03	5.30E-02	0.00E+00	1.26E-08	1.97E-02	1.56E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	9.98E-03	0.00E+00	0.00E+00	5.30E-02
1824	PROPERTY		372389.4	3764723	NonCancerAcute	9.77E-03	1.01E-02	5.49E-02	0.00E+00	1.33E-08	2.07E-02	1.65E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.49E-02
1825	PROPERTY		372474.1	3764669	NonCancerAcute	1.17E-02	1.20E-02	6.55E-02	0.00E+00	1.36E-08	2.43E-02	1.71E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.55E-02
1826	PROPERTY		372554.7	3764612	NonCancerAcute	1.12E-02	1.15E-02	6.21E-02	0.00E+00	1.42E-08	2.27E-02	1.77E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	6.21E-02
1827	PROPERTY		372601.3	3764537	NonCancerAcute	1.40E-02	1.44E-02	7.83E-02	0.00E+00	1.60E-08	2.92E-02	2.01E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	7.83E-02
1828	PROPERTY		372701.3	3764539	NonCancerAcute	1.24E-02	1.28E-02	6.93E-02	0.00E+00	1.67E-08	2.58E-02	2.07E-02	0.00E+00	2.36E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	6.93E-02
1829	PROPERTY		372785.6	3764525	NonCancerAcute	1.08E-02	1.11E-02	6.01E-02	0.00E+00	1.25E-08	2.21E-02	1.57E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	6.01E-02
1830	PROPERTY		372873.1	3764506	NonCancerAcute	1.07E-02	1.10E-02	5.96E-02	0.00E+00	1.22E-08	2.19E-02	1.53E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.96E-02
1831	PROPERTY		372931.9	3764576	NonCancerAcute	9.13E-03	9.39E-03	5.07E-02	0.00E+00	1.09E-08	1.87E-02	1.37E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	9.35E-03	0.00E+00	0.00E+00	5.07E-02
1832	PROPERTY		373005.9	3764621	NonCancerAcute	8.02E-03	8.25E-03	4.47E-02	0.00E+00	1.06E-08	1.66E-02	1.32E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.47E-02
1833	PROPERTY		373098.3	3764632	NonCancerAcute	7.75E-03	7.97E-03	4.31E-02	0.00E+00	1.08E-08	1.59E-02	1.34E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	4.31E-02
1834	PROPERTY		373109.8	3764534	NonCancerAcute	8.26E-03	8.50E-03	4.62E-02	0.00E+00	1.19E-08	1.73E-02	1.47E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	8.82E-03	0.00E+00	0.00E+00	4.62E-02
1835	PROPERTY		373153.9	3764473	NonCancerAcute	9.36E-03	9.63E-03	5.21E-02	0.00E+00	1.32E-08	1.92E-02	1.63E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	9.62E-03	0.00E+00	0.00E+00	5.21E-02
1836	PROPERTY		373219	3764414	NonCancerAcute	9.79E-03	1.01E-02	5.46E-02	0.00E+00	1.49E-08	2.03E-02	1.83E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.46E-02

HARP2 Acute Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1837	PROPERTY		373233	3764333	NonCancerAcute	1.04E-02	1.07E-02	5.85E-02	0.00E+00	1.61E-08	2.19E-02	1.98E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	5.85E-02
1838	PROPERTY		373308	3764271	NonCancerAcute	1.04E-02	1.07E-02	5.85E-02	0.00E+00	1.74E-08	2.22E-02	2.13E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.85E-02
1839	PROPERTY		373336.6	3764176	NonCancerAcute	1.22E-02	1.26E-02	6.91E-02	0.00E+00	2.20E-08	2.63E-02	2.68E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.91E-02
1840	PROPERTY		373362.5	3764079	NonCancerAcute	1.41E-02	1.45E-02	7.99E-02	0.00E+00	2.70E-08	3.05E-02	3.28E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	7.99E-02
1841	PROPERTY		373388.3	3763983	NonCancerAcute	1.63E-02	1.68E-02	9.21E-02	0.00E+00	3.27E-08	3.49E-02	3.93E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	9.21E-02
1842	PROPERTY		373423.4	3763890	NonCancerAcute	1.76E-02	1.81E-02	1.01E-01	0.00E+00	3.79E-08	3.88E-02	4.54E-02	0.00E+00	5.01E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.01E-01
1843	PROPERTY		373475.6	3763805	NonCancerAcute	1.99E-02	2.05E-02	1.14E-01	0.00E+00	4.44E-08	4.45E-02	5.30E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.14E-01
1844	PROPERTY		373493.2	3763713	NonCancerAcute	2.48E-02	2.55E-02	1.42E-01	0.00E+00	6.06E-08	5.48E-02	7.18E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.42E-01
1845	PROPERTY		373561.3	3763643	NonCancerAcute	2.56E-02	2.62E-02	1.45E-01	0.00E+00	7.13E-08	5.48E-02	8.38E-02	0.00E+00	9.07E-02	0.00E+00	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.45E-01
1846	PROPERTY		373661.1	3763637	NonCancerAcute	2.11E-02	2.19E-02	1.24E-01	0.00E+00	4.03E-07	5.00E-02	4.59E-01	0.00E+00	4.79E-01	0.00E+00	0.00E+00	2.83E-02	0.00E+00	0.00E+00	4.79E-01
1847	PROPERTY		373743	3763650	NonCancerAcute	1.99E-02	2.06E-02	1.16E-01	0.00E+00	4.47E-07	4.60E-02	5.08E-01	0.00E+00	5.29E-01	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	5.29E-01
1848	PROPERTY		373805.6	3763685	NonCancerAcute	1.74E-02	1.80E-02	1.01E-01	0.00E+00	2.54E-07	4.03E-02	2.90E-01	0.00E+00	3.04E-01	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	3.04E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	CARTGRID	1	371500	3761400	NonCancerAcute	2.77E-03	2.99E-03	1.49E-02	0.00E+00	3.85E-09	6.11E-03	5.67E-03	0.00E+00	7.68E-03	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	1.49E-02
2	CARTGRID	1	371600	3761400	NonCancerAcute	2.83E-03	3.05E-03	1.53E-02	0.00E+00	3.93E-09	6.28E-03	5.80E-03	0.00E+00	7.89E-03	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	1.53E-02
3	CARTGRID	1	371700	3761400	NonCancerAcute	2.88E-03	3.12E-03	1.55E-02	0.00E+00	3.97E-09	6.40E-03	5.89E-03	0.00E+00	8.03E-03	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	1.55E-02
4	CARTGRID	1	371800	3761400	NonCancerAcute	2.91E-03	3.15E-03	1.57E-02	0.00E+00	4.18E-09	6.52E-03	6.17E-03	0.00E+00	8.38E-03	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	1.57E-02
5	CARTGRID	1	371900	3761400	NonCancerAcute	3.08E-03	3.33E-03	1.66E-02	0.00E+00	4.33E-09	6.81E-03	6.40E-03	0.00E+00	8.70E-03	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	1.66E-02
6	CARTGRID	1	372000	3761400	NonCancerAcute	3.18E-03	3.44E-03	1.72E-02	0.00E+00	4.65E-09	7.09E-03	6.82E-03	0.00E+00	9.21E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.72E-02
7	CARTGRID	1	372100	3761400	NonCancerAcute	3.27E-03	3.54E-03	1.76E-02	0.00E+00	4.67E-09	7.26E-03	6.89E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	1.76E-02
8	CARTGRID	1	372200	3761400	NonCancerAcute	3.28E-03	3.56E-03	1.77E-02	0.00E+00	4.73E-09	7.38E-03	6.99E-03	0.00E+00	9.52E-03	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	1.77E-02
9	CARTGRID	1	372300	3761400	NonCancerAcute	3.52E-03	3.81E-03	1.90E-02	0.00E+00	4.95E-09	7.82E-03	7.32E-03	0.00E+00	9.96E-03	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	1.90E-02
10	CARTGRID	1	372400	3761400	NonCancerAcute	3.69E-03	3.99E-03	1.99E-02	0.00E+00	5.08E-09	8.17E-03	7.52E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	1.99E-02
11	CARTGRID	1	372500	3761400	NonCancerAcute	3.81E-03	4.11E-03	2.05E-02	0.00E+00	5.10E-09	8.38E-03	7.59E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.05E-02
12	CARTGRID	1	372600	3761400	NonCancerAcute	4.03E-03	4.34E-03	2.16E-02	0.00E+00	5.04E-09	8.74E-03	7.60E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	2.16E-02
13	CARTGRID	1	372700	3761400	NonCancerAcute	4.19E-03	4.52E-03	2.25E-02	0.00E+00	5.14E-09	9.08E-03	7.78E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	2.25E-02
14	CARTGRID	1	372800	3761400	NonCancerAcute	4.17E-03	4.51E-03	2.25E-02	0.00E+00	5.24E-09	9.25E-03	7.94E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.25E-02
15	CARTGRID	1	372900	3761400	NonCancerAcute	4.23E-03	4.58E-03	2.28E-02	0.00E+00	5.34E-09	9.45E-03	8.11E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	2.28E-02
16	CARTGRID	1	373000	3761400	NonCancerAcute	4.31E-03	4.67E-03	2.33E-02	0.00E+00	5.51E-09	9.69E-03	8.39E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	2.33E-02
17	CARTGRID	1	373100	3761400	NonCancerAcute	4.44E-03	4.82E-03	2.41E-02	0.00E+00	5.84E-09	1.01E-02	8.84E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	2.41E-02
18	CARTGRID	1	373200	3761400	NonCancerAcute	4.55E-03	4.94E-03	2.47E-02	0.00E+00	5.78E-09	1.03E-02	8.85E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.47E-02
19	CARTGRID	1	373300	3761400	NonCancerAcute	4.56E-03	4.96E-03	2.48E-02	0.00E+00	6.03E-09	1.05E-02	9.17E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	2.48E-02
20	CARTGRID	1	373400	3761400	NonCancerAcute	4.66E-03	5.06E-03	2.55E-02	0.00E+00	6.14E-09	1.08E-02	9.36E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.77E-03	0.00E+00	0.00E+00	2.55E-02
21	CARTGRID	1	373500	3761400	NonCancerAcute	4.64E-03	5.06E-03	2.54E-02	0.00E+00	6.17E-09	1.10E-02	9.50E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	2.54E-02
22	CARTGRID	1	373600	3761400	NonCancerAcute	4.87E-03	5.30E-03	2.67E-02	0.00E+00	6.67E-09	1.15E-02	1.01E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.20E-03	0.00E+00	0.00E+00	2.67E-02
23	CARTGRID	1	373700	3761400	NonCancerAcute	4.86E-03	5.30E-03	2.68E-02	0.00E+00	6.47E-09	1.16E-02	9.94E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	2.68E-02
24	CARTGRID	1	373800	3761400	NonCancerAcute	5.05E-03	5.50E-03	2.77E-02	0.00E+00	7.06E-09	1.19E-02	1.07E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	2.77E-02
25	CARTGRID	1	373900	3761400	NonCancerAcute	4.91E-03	5.36E-03	2.71E-02	0.00E+00	7.15E-09	1.18E-02	1.08E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	2.71E-02
26	CARTGRID	1	374000	3761400	NonCancerAcute	4.74E-03	5.21E-03	2.63E-02	0.00E+00	7.11E-09	1.17E-02	1.08E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.53E-03	0.00E+00	0.00E+00	2.63E-02
27	CARTGRID	1	374100	3761400	NonCancerAcute	4.76E-03	5.23E-03	2.63E-02	0.00E+00	6.94E-09	1.17E-02	1.07E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	2.63E-02
28	CARTGRID	1	374200	3761400	NonCancerAcute	4.52E-03	4.99E-03	2.51E-02	0.00E+00	7.03E-09	1.14E-02	1.07E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	2.51E-02
29	CARTGRID	1	374300	3761400	NonCancerAcute	4.43E-03	4.90E-03	2.46E-02	0.00E+00	6.66E-09	1.12E-02	1.03E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	2.46E-02
30	CARTGRID	1	374400	3761400	NonCancerAcute	4.15E-03	4.61E-03	2.32E-02	0.00E+00	6.16E-09	1.07E-02	9.74E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	2.32E-02
31	CARTGRID	1	374500	3761400	NonCancerAcute	4.22E-03	4.68E-03	2.34E-02	0.00E+00	6.47E-09	1.06E-02	1.00E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	2.34E-02
32	CARTGRID	1	374600	3761400	NonCancerAcute	4.22E-03	4.66E-03	2.32E-02	0.00E+00	6.61E-09	1.05E-02	1.01E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	2.32E-02
33	CARTGRID	1	374700	3761400	NonCancerAcute	4.25E-03	4.69E-03	2.35E-02	0.00E+00	7.04E-09	1.05E-02	1.06E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	2.35E-02
34	CARTGRID	1	374800	3761400	NonCancerAcute	4.19E-03	4.64E-03	2.34E-02	0.00E+00	7.89E-09	1.08E-02	1.16E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	2.34E-02
35	CARTGRID	1	374900	3761400	NonCancerAcute	3.99E-03	4.43E-03	2.24E-02	0.00E+00	7.92E-09	1.03E-02	1.15E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	2.24E-02
36	CARTGRID	1	375000	3761400	NonCancerAcute	3.87E-03	4.27E-03	2.15E-02	0.00E+00	6.80E-09	9.68E-03	1.00E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.15E-02
37	CARTGRID	1	371500	3761500	NonCancerAcute	2.79E-03	3.01E-03	1.50E-02	0.00E+00	3.80E-09	6.13E-03	5.63E-03	0.00E+00	7.67E-03	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	1.50E-02
38	CARTGRID	1	371600	3761500	NonCancerAcute	2.89E-03	3.12E-03	1.56E-02	0.00E+00	4.06E-09	6.41E-03	5.98E-03	0.00E+00	8.10E-03	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	1.56E-02
39	CARTGRID	1	371700	3761500	NonCancerAcute	3.03E-03	3.28E-03	1.64E-02	0.00E+00	4.21E-09	6.74E-03	6.22E-03	0.00E+00	8.45E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	1.64E-02
40	CARTGRID	1	371800	3761500	NonCancerAcute	3.11E-03	3.36E-03	1.68E-02	0.00E+00	4.29E-09	6.89E-03	6.35E-03	0.00E+00	8.65E-03	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	1.68E-02
41	CARTGRID	1	371900	3761500	NonCancerAcute	3.14E-03	3.39E-03	1.69E-02	0.00E+00	4.49E-09	7.03E-03	6.63E-03	0.00E+00	9.01E-03	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.69E-02
42	CARTGRID	1	372000	3761500	NonCancerAcute	3.32E-03	3.59E-03	1.79E-02	0.00E+00	4.68E-09	7.34E-03	6.90E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	1.79E-02
43	CARTGRID	1	372100	3761500	NonCancerAcute	3.45E-03	3.73E-03	1.86E-02	0.00E+00	5.02E-09	7.66E-03	7.36E-03	0.00E+00	9.94E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	1.86E-02
44	CARTGRID	1	372200	3761500	NonCancerAcute	3.54E-03	3.83E-03	1.91E-02	0.00E+00	4.95E-09	7.86E-03	7.34E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	1.91E-02
45	CARTGRID	1	372300	3761500	NonCancerAcute	3.68E-03	3.98E-03	1.98E-02	0.00E+00	5.19E-09	8.18E-03	7.67E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	1.98E-02
46	CARTGRID	1	372400	3761500	NonCancerAcute	3.93E-03	4.24E-03	2.11E-02	0.00E+00	5.30E-09	8.64E-03	7.87E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	2.11E-02
47	CARTGRID	1	372500	3761500	NonCancerAcute	4.04E-03	4.37E-03	2.18E-02	0.00E+00	5.52E-09	8.95E-03	8.18E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	2.18E-02
48	CARTGRID	1	372600	3761500	NonCancerAcute	4.27E-03	4.60E-03	2.29E-02	0.00E+00	5.35E-09	9.28E-03	8.05E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	2.29E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
49	CARTGRID	1	372700	3761500	NonCancerAcute	4.42E-03	4.76E-03	2.37E-02	0.00E+00	5.52E-09	9.61E-03	8.31E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	2.37E-02
50	CARTGRID	1	372800	3761500	NonCancerAcute	4.48E-03	4.84E-03	2.41E-02	0.00E+00	5.63E-09	9.84E-03	8.51E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	2.41E-02
51	CARTGRID	1	372900	3761500	NonCancerAcute	4.49E-03	4.86E-03	2.43E-02	0.00E+00	5.67E-09	1.01E-02	8.63E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	2.43E-02
52	CARTGRID	1	373000	3761500	NonCancerAcute	4.60E-03	4.99E-03	2.49E-02	0.00E+00	5.92E-09	1.04E-02	9.00E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	2.49E-02
53	CARTGRID	1	373100	3761500	NonCancerAcute	4.72E-03	5.12E-03	2.56E-02	0.00E+00	6.24E-09	1.07E-02	9.43E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	2.56E-02
54	CARTGRID	1	373200	3761500	NonCancerAcute	4.83E-03	5.25E-03	2.63E-02	0.00E+00	6.13E-09	1.11E-02	9.41E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	2.63E-02
55	CARTGRID	1	373300	3761500	NonCancerAcute	4.90E-03	5.33E-03	2.67E-02	0.00E+00	6.52E-09	1.13E-02	9.93E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	2.67E-02
56	CARTGRID	1	373400	3761500	NonCancerAcute	4.95E-03	5.39E-03	2.71E-02	0.00E+00	6.52E-09	1.16E-02	9.98E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	2.71E-02
57	CARTGRID	1	373500	3761500	NonCancerAcute	4.94E-03	5.40E-03	2.72E-02	0.00E+00	6.72E-09	1.18E-02	1.03E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	2.72E-02
58	CARTGRID	1	373600	3761500	NonCancerAcute	5.30E-03	5.78E-03	2.92E-02	0.00E+00	7.34E-09	1.26E-02	1.11E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	2.92E-02
59	CARTGRID	1	373700	3761500	NonCancerAcute	5.27E-03	5.76E-03	2.91E-02	0.00E+00	7.20E-09	1.27E-02	1.10E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	2.91E-02
60	CARTGRID	1	373800	3761500	NonCancerAcute	5.51E-03	6.01E-03	3.03E-02	0.00E+00	7.76E-09	1.31E-02	1.17E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	7.07E-03	0.00E+00	0.00E+00	3.03E-02
61	CARTGRID	1	373900	3761500	NonCancerAcute	5.32E-03	5.82E-03	2.94E-02	0.00E+00	7.77E-09	1.30E-02	1.18E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	2.94E-02
62	CARTGRID	1	374000	3761500	NonCancerAcute	5.17E-03	5.69E-03	2.87E-02	0.00E+00	7.85E-09	1.28E-02	1.20E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	2.87E-02
63	CARTGRID	1	374100	3761500	NonCancerAcute	5.05E-03	5.57E-03	2.80E-02	0.00E+00	7.58E-09	1.27E-02	1.17E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	2.80E-02
64	CARTGRID	1	374200	3761500	NonCancerAcute	4.86E-03	5.38E-03	2.71E-02	0.00E+00	7.50E-09	1.25E-02	1.16E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	2.71E-02
65	CARTGRID	1	374300	3761500	NonCancerAcute	4.74E-03	5.26E-03	2.63E-02	0.00E+00	7.18E-09	1.21E-02	1.12E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	2.63E-02
66	CARTGRID	1	374400	3761500	NonCancerAcute	4.50E-03	5.01E-03	2.51E-02	0.00E+00	6.68E-09	1.17E-02	1.06E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	2.51E-02
67	CARTGRID	1	374500	3761500	NonCancerAcute	4.54E-03	5.05E-03	2.52E-02	0.00E+00	7.03E-09	1.16E-02	1.09E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	2.52E-02
68	CARTGRID	1	374600	3761500	NonCancerAcute	4.54E-03	5.03E-03	2.51E-02	0.00E+00	7.05E-09	1.14E-02	1.09E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	2.51E-02
69	CARTGRID	1	374700	3761500	NonCancerAcute	4.59E-03	5.09E-03	2.56E-02	0.00E+00	8.11E-09	1.18E-02	1.22E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	2.56E-02
70	CARTGRID	1	374800	3761500	NonCancerAcute	4.43E-03	4.93E-03	2.50E-02	0.00E+00	9.21E-09	1.18E-02	1.34E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	6.85E-03	0.00E+00	0.00E+00	2.50E-02
71	CARTGRID	1	374900	3761500	NonCancerAcute	4.36E-03	4.85E-03	2.45E-02	0.00E+00	9.00E-09	1.14E-02	1.31E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	2.45E-02
72	CARTGRID	1	375000	3761500	NonCancerAcute	3.97E-03	4.38E-03	2.20E-02	0.00E+00	6.55E-09	9.91E-03	9.83E-03	0.00E+00	1.36E-02	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	2.20E-02
73	CARTGRID	1	371500	3761600	NonCancerAcute	2.88E-03	3.11E-03	1.55E-02	0.00E+00	3.82E-09	6.31E-03	5.69E-03	0.00E+00	7.79E-03	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	1.55E-02
74	CARTGRID	1	371600	3761600	NonCancerAcute	2.99E-03	3.23E-03	1.61E-02	0.00E+00	4.06E-09	6.57E-03	6.01E-03	0.00E+00	8.19E-03	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	1.61E-02
75	CARTGRID	1	371700	3761600	NonCancerAcute	3.09E-03	3.34E-03	1.67E-02	0.00E+00	4.38E-09	6.89E-03	6.44E-03	0.00E+00	8.74E-03	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	1.67E-02
76	CARTGRID	1	371800	3761600	NonCancerAcute	3.24E-03	3.50E-03	1.75E-02	0.00E+00	4.51E-09	7.22E-03	6.67E-03	0.00E+00	9.06E-03	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	1.75E-02
77	CARTGRID	1	371900	3761600	NonCancerAcute	3.37E-03	3.64E-03	1.81E-02	0.00E+00	4.68E-09	7.47E-03	6.92E-03	0.00E+00	9.42E-03	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	1.81E-02
78	CARTGRID	1	372000	3761600	NonCancerAcute	3.47E-03	3.75E-03	1.87E-02	0.00E+00	4.85E-09	7.69E-03	7.16E-03	0.00E+00	9.73E-03	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	1.87E-02
79	CARTGRID	1	372100	3761600	NonCancerAcute	3.60E-03	3.90E-03	1.94E-02	0.00E+00	5.15E-09	8.01E-03	7.58E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	1.94E-02
80	CARTGRID	1	372200	3761600	NonCancerAcute	3.75E-03	4.06E-03	2.02E-02	0.00E+00	5.43E-09	8.33E-03	7.96E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	2.02E-02
81	CARTGRID	1	372300	3761600	NonCancerAcute	3.89E-03	4.20E-03	2.09E-02	0.00E+00	5.32E-09	8.56E-03	7.90E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.09E-02
82	CARTGRID	1	372400	3761600	NonCancerAcute	4.12E-03	4.44E-03	2.21E-02	0.00E+00	5.60E-09	9.04E-03	8.30E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	2.21E-02
83	CARTGRID	1	372500	3761600	NonCancerAcute	4.31E-03	4.65E-03	2.32E-02	0.00E+00	5.81E-09	9.50E-03	8.63E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	2.32E-02
84	CARTGRID	1	372600	3761600	NonCancerAcute	4.55E-03	4.90E-03	2.44E-02	0.00E+00	5.91E-09	9.91E-03	8.80E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	2.44E-02
85	CARTGRID	1	372700	3761600	NonCancerAcute	4.66E-03	5.03E-03	2.51E-02	0.00E+00	5.83E-09	1.02E-02	8.79E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	2.51E-02
86	CARTGRID	1	372800	3761600	NonCancerAcute	4.81E-03	5.20E-03	2.59E-02	0.00E+00	6.02E-09	1.06E-02	9.10E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.59E-02
87	CARTGRID	1	372900	3761600	NonCancerAcute	4.88E-03	5.27E-03	2.64E-02	0.00E+00	6.20E-09	1.09E-02	9.38E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	2.64E-02
88	CARTGRID	1	373000	3761600	NonCancerAcute	4.94E-03	5.35E-03	2.68E-02	0.00E+00	6.39E-09	1.12E-02	9.70E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.83E-03	0.00E+00	0.00E+00	2.68E-02
89	CARTGRID	1	373100	3761600	NonCancerAcute	5.01E-03	5.44E-03	2.73E-02	0.00E+00	6.68E-09	1.15E-02	1.01E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	2.73E-02
90	CARTGRID	1	373200	3761600	NonCancerAcute	5.18E-03	5.62E-03	2.82E-02	0.00E+00	6.70E-09	1.19E-02	1.02E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	2.82E-02
91	CARTGRID	1	373300	3761600	NonCancerAcute	5.27E-03	5.74E-03	2.87E-02	0.00E+00	7.02E-09	1.22E-02	1.07E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	2.87E-02
92	CARTGRID	1	373400	3761600	NonCancerAcute	5.26E-03	5.74E-03	2.89E-02	0.00E+00	6.92E-09	1.25E-02	1.06E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	2.89E-02
93	CARTGRID	1	373500	3761600	NonCancerAcute	5.39E-03	5.88E-03	2.97E-02	0.00E+00	7.16E-09	1.29E-02	1.10E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	7.05E-03	0.00E+00	0.00E+00	2.97E-02
94	CARTGRID	1	373600	3761600	NonCancerAcute	5.66E-03	6.18E-03	3.13E-02	0.00E+00	7.99E-09	1.36E-02	1.21E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	3.13E-02
95	CARTGRID	1	373700	3761600	NonCancerAcute	5.80E-03	6.35E-03	3.20E-02	0.00E+00	8.09E-09	1.40E-02	1.24E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	3.20E-02
96	CARTGRID	1	373800	3761600	NonCancerAcute	6.06E-03	6.62E-03	3.34E-02	0.00E+00	8.72E-09	1.45E-02	1.32E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	7.92E-03	0.00E+00	0.00E+00	3.34E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
97	CARTGRID	1	373900	3761600	NonCancerAcute	5.84E-03	6.42E-03	3.24E-02	0.00E+00	8.51E-09	1.45E-02	1.30E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	8.10E-03	0.00E+00	0.00E+00	3.24E-02
98	CARTGRID	1	374000	3761600	NonCancerAcute	5.57E-03	6.15E-03	3.09E-02	0.00E+00	8.64E-09	1.40E-02	1.32E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	3.09E-02
99	CARTGRID	1	374100	3761600	NonCancerAcute	5.49E-03	6.08E-03	3.06E-02	0.00E+00	8.40E-09	1.41E-02	1.30E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	3.06E-02
100	CARTGRID	1	374200	3761600	NonCancerAcute	5.35E-03	5.95E-03	2.99E-02	0.00E+00	8.09E-09	1.39E-02	1.27E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	7.91E-03	0.00E+00	0.00E+00	2.99E-02
101	CARTGRID	1	374300	3761600	NonCancerAcute	5.00E-03	5.58E-03	2.80E-02	0.00E+00	7.42E-09	1.32E-02	1.18E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	2.80E-02
102	CARTGRID	1	374400	3761600	NonCancerAcute	5.03E-03	5.62E-03	2.81E-02	0.00E+00	7.36E-09	1.32E-02	1.18E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	2.81E-02
103	CARTGRID	1	374500	3761600	NonCancerAcute	5.01E-03	5.58E-03	2.79E-02	0.00E+00	7.60E-09	1.29E-02	1.20E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	2.79E-02
104	CARTGRID	1	374600	3761600	NonCancerAcute	4.93E-03	5.47E-03	2.72E-02	0.00E+00	7.93E-09	1.24E-02	1.22E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	2.72E-02
105	CARTGRID	1	374700	3761600	NonCancerAcute	5.05E-03	5.66E-03	2.87E-02	0.00E+00	1.07E-08	1.39E-02	1.57E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	2.87E-02
106	CARTGRID	1	374800	3761600	NonCancerAcute	4.81E-03	5.38E-03	2.72E-02	0.00E+00	1.01E-08	1.30E-02	1.48E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	7.59E-03	0.00E+00	0.00E+00	2.72E-02
107	CARTGRID	1	374900	3761600	NonCancerAcute	4.52E-03	5.03E-03	2.54E-02	0.00E+00	9.42E-09	1.19E-02	1.36E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	2.54E-02
108	CARTGRID	1	375000	3761600	NonCancerAcute	4.16E-03	4.62E-03	2.33E-02	0.00E+00	8.36E-09	1.08E-02	1.22E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	2.33E-02
109	CARTGRID	1	371500	3761700	NonCancerAcute	2.98E-03	3.22E-03	1.60E-02	0.00E+00	4.02E-09	6.50E-03	5.97E-03	0.00E+00	8.14E-03	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	1.60E-02
110	CARTGRID	1	371600	3761700	NonCancerAcute	3.10E-03	3.35E-03	1.66E-02	0.00E+00	4.10E-09	6.78E-03	6.11E-03	0.00E+00	8.36E-03	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.66E-02
111	CARTGRID	1	371700	3761700	NonCancerAcute	3.33E-03	3.60E-03	1.79E-02	0.00E+00	4.48E-09	7.31E-03	6.64E-03	0.00E+00	9.04E-03	0.00E+00	0.00E+00	3.72E-03	0.00E+00	0.00E+00	1.79E-02
112	CARTGRID	1	371800	3761700	NonCancerAcute	3.38E-03	3.65E-03	1.82E-02	0.00E+00	4.80E-09	7.52E-03	7.06E-03	0.00E+00	9.55E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	1.82E-02
113	CARTGRID	1	371900	3761700	NonCancerAcute	3.51E-03	3.79E-03	1.90E-02	0.00E+00	4.90E-09	7.83E-03	7.24E-03	0.00E+00	9.84E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	1.90E-02
114	CARTGRID	1	372000	3761700	NonCancerAcute	3.68E-03	3.98E-03	1.98E-02	0.00E+00	5.10E-09	8.13E-03	7.54E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	1.98E-02
115	CARTGRID	1	372100	3761700	NonCancerAcute	3.81E-03	4.11E-03	2.05E-02	0.00E+00	5.27E-09	8.42E-03	7.79E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	2.05E-02
116	CARTGRID	1	372200	3761700	NonCancerAcute	3.92E-03	4.24E-03	2.12E-02	0.00E+00	5.68E-09	8.74E-03	8.33E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.12E-02
117	CARTGRID	1	372300	3761700	NonCancerAcute	4.14E-03	4.47E-03	2.23E-02	0.00E+00	5.86E-09	9.13E-03	8.62E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.23E-02
118	CARTGRID	1	372400	3761700	NonCancerAcute	4.35E-03	4.69E-03	2.33E-02	0.00E+00	5.89E-09	9.50E-03	8.73E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	2.33E-02
119	CARTGRID	1	372500	3761700	NonCancerAcute	4.58E-03	4.94E-03	2.46E-02	0.00E+00	6.12E-09	1.00E-02	9.09E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	2.46E-02
120	CARTGRID	1	372600	3761700	NonCancerAcute	4.83E-03	5.20E-03	2.60E-02	0.00E+00	6.43E-09	1.06E-02	9.52E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.60E-02
121	CARTGRID	1	372700	3761700	NonCancerAcute	5.03E-03	5.42E-03	2.70E-02	0.00E+00	6.31E-09	1.10E-02	9.49E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	2.70E-02
122	CARTGRID	1	372800	3761700	NonCancerAcute	5.16E-03	5.57E-03	2.77E-02	0.00E+00	6.54E-09	1.13E-02	9.85E-03	0.00E+00	1.36E-02	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	2.77E-02
123	CARTGRID	1	372900	3761700	NonCancerAcute	5.24E-03	5.67E-03	2.84E-02	0.00E+00	6.76E-09	1.18E-02	1.02E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	2.84E-02
124	CARTGRID	1	373000	3761700	NonCancerAcute	5.34E-03	5.79E-03	2.90E-02	0.00E+00	6.84E-09	1.21E-02	1.04E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	2.90E-02
125	CARTGRID	1	373100	3761700	NonCancerAcute	5.42E-03	5.88E-03	2.95E-02	0.00E+00	7.17E-09	1.24E-02	1.09E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	2.95E-02
126	CARTGRID	1	373200	3761700	NonCancerAcute	5.55E-03	6.03E-03	3.04E-02	0.00E+00	7.39E-09	1.29E-02	1.12E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	3.04E-02
127	CARTGRID	1	373300	3761700	NonCancerAcute	5.71E-03	6.22E-03	3.13E-02	0.00E+00	7.76E-09	1.34E-02	1.18E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	3.13E-02
128	CARTGRID	1	373400	3761700	NonCancerAcute	5.68E-03	6.20E-03	3.13E-02	0.00E+00	7.60E-09	1.37E-02	1.17E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	3.13E-02
129	CARTGRID	1	373500	3761700	NonCancerAcute	5.88E-03	6.42E-03	3.25E-02	0.00E+00	7.69E-09	1.42E-02	1.19E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	3.25E-02
130	CARTGRID	1	373600	3761700	NonCancerAcute	6.01E-03	6.58E-03	3.34E-02	0.00E+00	8.77E-09	1.48E-02	1.33E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	3.34E-02
131	CARTGRID	1	373700	3761700	NonCancerAcute	6.34E-03	6.94E-03	3.51E-02	0.00E+00	8.77E-09	1.54E-02	1.35E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	3.51E-02
132	CARTGRID	1	373800	3761700	NonCancerAcute	6.59E-03	7.22E-03	3.65E-02	0.00E+00	9.56E-09	1.61E-02	1.45E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	8.88E-03	0.00E+00	0.00E+00	3.65E-02
133	CARTGRID	1	373900	3761700	NonCancerAcute	6.38E-03	7.03E-03	3.55E-02	0.00E+00	9.24E-09	1.61E-02	1.43E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	9.06E-03	0.00E+00	0.00E+00	3.55E-02
134	CARTGRID	1	374000	3761700	NonCancerAcute	5.95E-03	6.61E-03	3.33E-02	0.00E+00	9.34E-09	1.55E-02	1.45E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	3.33E-02
135	CARTGRID	1	374100	3761700	NonCancerAcute	6.03E-03	6.70E-03	3.39E-02	0.00E+00	9.24E-09	1.58E-02	1.45E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	3.39E-02
136	CARTGRID	1	374200	3761700	NonCancerAcute	5.87E-03	6.55E-03	3.29E-02	0.00E+00	8.68E-09	1.54E-02	1.39E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	3.29E-02
137	CARTGRID	1	374300	3761700	NonCancerAcute	5.56E-03	6.24E-03	3.13E-02	0.00E+00	8.26E-09	1.50E-02	1.34E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	8.75E-03	0.00E+00	0.00E+00	3.13E-02
138	CARTGRID	1	374400	3761700	NonCancerAcute	5.59E-03	6.28E-03	3.13E-02	0.00E+00	8.16E-09	1.50E-02	1.33E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	3.13E-02
139	CARTGRID	1	374500	3761700	NonCancerAcute	5.43E-03	6.08E-03	3.03E-02	0.00E+00	7.97E-09	1.43E-02	1.29E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	3.03E-02
140	CARTGRID	1	374600	3761700	NonCancerAcute	5.18E-03	5.78E-03	2.87E-02	0.00E+00	8.15E-09	1.34E-02	1.28E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	2.87E-02
141	CARTGRID	1	374700	3761700	NonCancerAcute	4.99E-03	5.58E-03	2.81E-02	0.00E+00	7.86E-09	1.33E-02	1.24E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	2.81E-02
142	CARTGRID	1	374800	3761700	NonCancerAcute	4.99E-03	5.58E-03	2.82E-02	0.00E+00	1.02E-08	1.34E-02	1.50E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	2.82E-02
143	CARTGRID	1	374900	3761700	NonCancerAcute	4.59E-03	5.13E-03	2.59E-02	0.00E+00	9.37E-09	1.23E-02	1.37E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	7.14E-03	0.00E+00	0.00E+00	2.59E-02
144	CARTGRID	1	375000	3761700	NonCancerAcute	4.54E-03	5.03E-03	2.53E-02	0.00E+00	9.16E-09	1.17E-02	1.33E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	2.53E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
145	CARTGRID	1	371500	3761800	NonCancerAcute	3.06E-03	3.30E-03	1.64E-02	0.00E+00	4.14E-09	6.68E-03	6.16E-03	0.00E+00	8.41E-03	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	1.64E-02
146	CARTGRID	1	371600	3761800	NonCancerAcute	3.24E-03	3.49E-03	1.73E-02	0.00E+00	4.33E-09	7.04E-03	6.43E-03	0.00E+00	8.78E-03	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	1.73E-02
147	CARTGRID	1	371700	3761800	NonCancerAcute	3.36E-03	3.63E-03	1.81E-02	0.00E+00	4.44E-09	7.36E-03	6.62E-03	0.00E+00	9.05E-03	0.00E+00	0.00E+00	3.74E-03	0.00E+00	0.00E+00	1.81E-02
148	CARTGRID	1	371800	3761800	NonCancerAcute	3.47E-03	3.75E-03	1.87E-02	0.00E+00	4.71E-09	7.68E-03	6.99E-03	0.00E+00	9.52E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	1.87E-02
149	CARTGRID	1	371900	3761800	NonCancerAcute	3.59E-03	3.88E-03	1.94E-02	0.00E+00	5.10E-09	8.01E-03	7.51E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	1.94E-02
150	CARTGRID	1	372000	3761800	NonCancerAcute	3.78E-03	4.09E-03	2.04E-02	0.00E+00	5.25E-09	8.43E-03	7.77E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	2.04E-02
151	CARTGRID	1	372100	3761800	NonCancerAcute	4.02E-03	4.35E-03	2.17E-02	0.00E+00	5.54E-09	8.87E-03	8.19E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.17E-02
152	CARTGRID	1	372200	3761800	NonCancerAcute	4.19E-03	4.52E-03	2.26E-02	0.00E+00	5.75E-09	9.26E-03	8.51E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.26E-02
153	CARTGRID	1	372300	3761800	NonCancerAcute	4.38E-03	4.73E-03	2.36E-02	0.00E+00	6.23E-09	9.67E-03	9.14E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	2.36E-02
154	CARTGRID	1	372400	3761800	NonCancerAcute	4.66E-03	5.03E-03	2.50E-02	0.00E+00	6.37E-09	1.02E-02	9.40E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	2.50E-02
155	CARTGRID	1	372500	3761800	NonCancerAcute	4.92E-03	5.30E-03	2.64E-02	0.00E+00	6.62E-09	1.07E-02	9.78E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	2.64E-02
156	CARTGRID	1	372600	3761800	NonCancerAcute	5.18E-03	5.58E-03	2.78E-02	0.00E+00	6.74E-09	1.13E-02	1.00E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.78E-02
157	CARTGRID	1	372700	3761800	NonCancerAcute	5.36E-03	5.78E-03	2.89E-02	0.00E+00	7.06E-09	1.18E-02	1.05E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	2.89E-02
158	CARTGRID	1	372800	3761800	NonCancerAcute	5.50E-03	5.93E-03	2.96E-02	0.00E+00	6.97E-09	1.21E-02	1.05E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	2.96E-02
159	CARTGRID	1	372900	3761800	NonCancerAcute	5.60E-03	6.06E-03	3.03E-02	0.00E+00	7.28E-09	1.25E-02	1.10E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	3.03E-02
160	CARTGRID	1	373000	3761800	NonCancerAcute	5.84E-03	6.32E-03	3.17E-02	0.00E+00	7.52E-09	1.32E-02	1.14E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	6.91E-03	0.00E+00	0.00E+00	3.17E-02
161	CARTGRID	1	373100	3761800	NonCancerAcute	5.90E-03	6.41E-03	3.21E-02	0.00E+00	7.95E-09	1.35E-02	1.20E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	3.21E-02
162	CARTGRID	1	373200	3761800	NonCancerAcute	5.97E-03	6.49E-03	3.27E-02	0.00E+00	8.19E-09	1.40E-02	1.24E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	7.55E-03	0.00E+00	0.00E+00	3.27E-02
163	CARTGRID	1	373300	3761800	NonCancerAcute	6.22E-03	6.77E-03	3.42E-02	0.00E+00	8.49E-09	1.47E-02	1.29E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	7.96E-03	0.00E+00	0.00E+00	3.42E-02
164	CARTGRID	1	373400	3761800	NonCancerAcute	6.29E-03	6.87E-03	3.48E-02	0.00E+00	8.72E-09	1.52E-02	1.33E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	3.48E-02
165	CARTGRID	1	373500	3761800	NonCancerAcute	6.39E-03	6.98E-03	3.55E-02	0.00E+00	8.27E-09	1.56E-02	1.28E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	3.55E-02
166	CARTGRID	1	373600	3761800	NonCancerAcute	6.50E-03	7.14E-03	3.64E-02	0.00E+00	9.58E-09	1.64E-02	1.46E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	9.24E-03	0.00E+00	0.00E+00	3.64E-02
167	CARTGRID	1	373700	3761800	NonCancerAcute	6.96E-03	7.63E-03	3.88E-02	0.00E+00	9.76E-09	1.73E-02	1.51E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	9.68E-03	0.00E+00	0.00E+00	3.88E-02
168	CARTGRID	1	373800	3761800	NonCancerAcute	7.25E-03	7.97E-03	4.04E-02	0.00E+00	1.07E-08	1.81E-02	1.63E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.04E-02
169	CARTGRID	1	373900	3761800	NonCancerAcute	7.00E-03	7.75E-03	3.94E-02	0.00E+00	1.04E-08	1.83E-02	1.62E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.94E-02
170	CARTGRID	1	374000	3761800	NonCancerAcute	6.61E-03	7.37E-03	3.74E-02	0.00E+00	1.00E-08	1.78E-02	1.59E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.74E-02
171	CARTGRID	1	374100	3761800	NonCancerAcute	6.66E-03	7.45E-03	3.78E-02	0.00E+00	1.01E-08	1.81E-02	1.61E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	3.78E-02
172	CARTGRID	1	374200	3761800	NonCancerAcute	6.40E-03	7.19E-03	3.60E-02	0.00E+00	9.17E-09	1.74E-02	1.51E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.60E-02
173	CARTGRID	1	374300	3761800	NonCancerAcute	6.36E-03	7.20E-03	3.62E-02	0.00E+00	9.00E-09	1.79E-02	1.52E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.62E-02
174	CARTGRID	1	374400	3761800	NonCancerAcute	6.30E-03	7.16E-03	3.58E-02	0.00E+00	8.81E-09	1.78E-02	1.51E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.58E-02
175	CARTGRID	1	374500	3761800	NonCancerAcute	5.93E-03	6.69E-03	3.33E-02	0.00E+00	8.86E-09	1.61E-02	1.45E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	9.41E-03	0.00E+00	0.00E+00	3.33E-02
176	CARTGRID	1	374600	3761800	NonCancerAcute	5.53E-03	6.23E-03	3.12E-02	0.00E+00	8.63E-09	1.51E-02	1.39E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	3.12E-02
177	CARTGRID	1	374700	3761800	NonCancerAcute	5.73E-03	6.46E-03	3.27E-02	0.00E+00	1.15E-08	1.61E-02	1.73E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	3.27E-02
178	CARTGRID	1	374800	3761800	NonCancerAcute	5.06E-03	5.67E-03	2.86E-02	0.00E+00	9.57E-09	1.37E-02	1.44E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	2.86E-02
179	CARTGRID	1	374900	3761800	NonCancerAcute	5.02E-03	5.61E-03	2.83E-02	0.00E+00	1.03E-08	1.34E-02	1.51E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	7.76E-03	0.00E+00	0.00E+00	2.83E-02
180	CARTGRID	1	375000	3761800	NonCancerAcute	4.87E-03	5.40E-03	2.72E-02	0.00E+00	9.48E-09	1.26E-02	1.39E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	2.72E-02
181	CARTGRID	1	371500	3761900	NonCancerAcute	3.19E-03	3.44E-03	1.70E-02	0.00E+00	4.27E-09	6.91E-03	6.36E-03	0.00E+00	8.69E-03	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	1.70E-02
182	CARTGRID	1	371600	3761900	NonCancerAcute	3.27E-03	3.53E-03	1.75E-02	0.00E+00	4.41E-09	7.15E-03	6.57E-03	0.00E+00	8.99E-03	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	1.75E-02
183	CARTGRID	1	371700	3761900	NonCancerAcute	3.54E-03	3.82E-03	1.90E-02	0.00E+00	4.71E-09	7.69E-03	7.01E-03	0.00E+00	9.56E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	1.90E-02
184	CARTGRID	1	371800	3761900	NonCancerAcute	3.68E-03	3.97E-03	1.98E-02	0.00E+00	4.87E-09	8.05E-03	7.24E-03	0.00E+00	9.89E-03	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	1.98E-02
185	CARTGRID	1	371900	3761900	NonCancerAcute	3.80E-03	4.10E-03	2.05E-02	0.00E+00	5.11E-09	8.40E-03	7.59E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	2.05E-02
186	CARTGRID	1	372000	3761900	NonCancerAcute	3.90E-03	4.22E-03	2.11E-02	0.00E+00	5.57E-09	8.73E-03	8.20E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	2.11E-02
187	CARTGRID	1	372100	3761900	NonCancerAcute	4.22E-03	4.56E-03	2.28E-02	0.00E+00	5.78E-09	9.33E-03	8.55E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	2.28E-02
188	CARTGRID	1	372200	3761900	NonCancerAcute	4.41E-03	4.76E-03	2.38E-02	0.00E+00	6.10E-09	9.75E-03	9.02E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	2.38E-02
189	CARTGRID	1	372300	3761900	NonCancerAcute	4.68E-03	5.05E-03	2.52E-02	0.00E+00	6.33E-09	1.03E-02	9.37E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	2.52E-02
190	CARTGRID	1	372400	3761900	NonCancerAcute	5.00E-03	5.39E-03	2.68E-02	0.00E+00	6.94E-09	1.09E-02	1.02E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	2.68E-02
191	CARTGRID	1	372500	3761900	NonCancerAcute	5.22E-03	5.63E-03	2.80E-02	0.00E+00	6.96E-09	1.13E-02	1.03E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	5.67E-03	0.00E+00	0.00E+00	2.80E-02
192	CARTGRID	1	372600	3761900	NonCancerAcute	5.63E-03	6.06E-03	3.02E-02	0.00E+00	7.51E-09	1.21E-02	1.11E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	3.02E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
193	CARTGRID	1	372700	3761900	NonCancerAcute	5.85E-03	6.30E-03	3.15E-02	0.00E+00	7.79E-09	1.28E-02	1.15E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	3.15E-02
194	CARTGRID	1	372800	3761900	NonCancerAcute	5.97E-03	6.43E-03	3.22E-02	0.00E+00	7.68E-09	1.32E-02	1.15E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	3.22E-02
195	CARTGRID	1	372900	3761900	NonCancerAcute	6.10E-03	6.58E-03	3.30E-02	0.00E+00	8.02E-09	1.36E-02	1.20E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	3.30E-02
196	CARTGRID	1	373000	3761900	NonCancerAcute	6.36E-03	6.88E-03	3.45E-02	0.00E+00	8.43E-09	1.44E-02	1.27E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	3.45E-02
197	CARTGRID	1	373100	3761900	NonCancerAcute	6.51E-03	7.06E-03	3.54E-02	0.00E+00	8.87E-09	1.49E-02	1.33E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	3.54E-02
198	CARTGRID	1	373200	3761900	NonCancerAcute	6.50E-03	7.07E-03	3.57E-02	0.00E+00	9.30E-09	1.53E-02	1.39E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	8.27E-03	0.00E+00	0.00E+00	3.57E-02
199	CARTGRID	1	373300	3761900	NonCancerAcute	6.78E-03	7.39E-03	3.74E-02	0.00E+00	9.36E-09	1.62E-02	1.42E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	8.86E-03	0.00E+00	0.00E+00	3.74E-02
200	CARTGRID	1	373400	3761900	NonCancerAcute	7.03E-03	7.68E-03	3.90E-02	0.00E+00	9.86E-09	1.71E-02	1.50E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	3.90E-02
201	CARTGRID	1	373500	3761900	NonCancerAcute	7.08E-03	7.74E-03	3.95E-02	0.00E+00	9.44E-09	1.76E-02	1.46E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.86E-03	0.00E+00	0.00E+00	3.95E-02
202	CARTGRID	1	373600	3761900	NonCancerAcute	6.85E-03	7.53E-03	3.86E-02	0.00E+00	9.47E-09	1.76E-02	1.48E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	3.86E-02
203	CARTGRID	1	373700	3761900	NonCancerAcute	7.56E-03	8.32E-03	4.25E-02	0.00E+00	1.06E-08	1.94E-02	1.65E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.25E-02
204	CARTGRID	1	373800	3761900	NonCancerAcute	7.93E-03	8.75E-03	4.50E-02	0.00E+00	1.17E-08	2.09E-02	1.81E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.50E-02
205	CARTGRID	1	373900	3761900	NonCancerAcute	7.70E-03	8.56E-03	4.40E-02	0.00E+00	1.15E-08	2.09E-02	1.82E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.40E-02
206	CARTGRID	1	374000	3761900	NonCancerAcute	7.37E-03	8.27E-03	4.23E-02	0.00E+00	1.12E-08	2.07E-02	1.81E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.23E-02
207	CARTGRID	1	374100	3761900	NonCancerAcute	7.37E-03	8.32E-03	4.23E-02	0.00E+00	1.08E-08	2.09E-02	1.78E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.23E-02
208	CARTGRID	1	374200	3761900	NonCancerAcute	7.17E-03	8.14E-03	4.07E-02	0.00E+00	1.01E-08	2.02E-02	1.72E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	4.07E-02
209	CARTGRID	1	374300	3761900	NonCancerAcute	7.09E-03	8.10E-03	4.08E-02	0.00E+00	9.59E-09	2.09E-02	1.69E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	4.08E-02
210	CARTGRID	1	374400	3761900	NonCancerAcute	7.09E-03	8.17E-03	4.07E-02	0.00E+00	9.56E-09	2.11E-02	1.72E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	4.07E-02
211	CARTGRID	1	374500	3761900	NonCancerAcute	6.49E-03	7.40E-03	3.68E-02	0.00E+00	9.65E-09	1.85E-02	1.63E-02	0.00E+00	2.45E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	3.68E-02
212	CARTGRID	1	374600	3761900	NonCancerAcute	6.96E-03	7.90E-03	3.99E-02	0.00E+00	1.29E-08	2.00E-02	2.01E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	3.99E-02
213	CARTGRID	1	374700	3761900	NonCancerAcute	6.80E-03	7.67E-03	3.88E-02	0.00E+00	1.27E-08	1.90E-02	1.95E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	3.88E-02
214	CARTGRID	1	374800	3761900	NonCancerAcute	5.81E-03	6.54E-03	3.31E-02	0.00E+00	1.21E-08	1.62E-02	1.81E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	3.31E-02
215	CARTGRID	1	374900	3761900	NonCancerAcute	6.24E-03	6.93E-03	3.49E-02	0.00E+00	1.16E-08	1.62E-02	1.73E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	3.49E-02
216	CARTGRID	1	375000	3761900	NonCancerAcute	5.11E-03	5.71E-03	2.89E-02	0.00E+00	1.09E-08	1.38E-02	1.59E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	2.89E-02
217	CARTGRID	1	371500	3762000	NonCancerAcute	3.33E-03	3.59E-03	1.79E-02	0.00E+00	4.32E-09	7.26E-03	6.46E-03	0.00E+00	8.85E-03	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	1.79E-02
218	CARTGRID	1	371600	3762000	NonCancerAcute	3.46E-03	3.73E-03	1.85E-02	0.00E+00	4.61E-09	7.52E-03	6.86E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.85E-02
219	CARTGRID	1	371700	3762000	NonCancerAcute	3.62E-03	3.91E-03	1.94E-02	0.00E+00	4.77E-09	7.89E-03	7.14E-03	0.00E+00	9.79E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	1.94E-02
220	CARTGRID	1	371800	3762000	NonCancerAcute	3.96E-03	4.27E-03	2.12E-02	0.00E+00	5.30E-09	8.57E-03	7.85E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	2.12E-02
221	CARTGRID	1	371900	3762000	NonCancerAcute	4.05E-03	4.37E-03	2.18E-02	0.00E+00	5.41E-09	8.86E-03	8.03E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.18E-02
222	CARTGRID	1	372000	3762000	NonCancerAcute	4.11E-03	4.44E-03	2.22E-02	0.00E+00	5.50E-09	9.10E-03	8.19E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.22E-02
223	CARTGRID	1	372100	3762000	NonCancerAcute	4.31E-03	4.66E-03	2.33E-02	0.00E+00	6.03E-09	9.56E-03	8.90E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.33E-02
224	CARTGRID	1	372200	3762000	NonCancerAcute	4.63E-03	5.00E-03	2.49E-02	0.00E+00	6.27E-09	1.02E-02	9.29E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	2.49E-02
225	CARTGRID	1	372300	3762000	NonCancerAcute	4.93E-03	5.32E-03	2.66E-02	0.00E+00	6.83E-09	1.09E-02	1.01E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	2.66E-02
226	CARTGRID	1	372400	3762000	NonCancerAcute	5.29E-03	5.70E-03	2.85E-02	0.00E+00	7.22E-09	1.16E-02	1.06E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	2.85E-02
227	CARTGRID	1	372500	3762000	NonCancerAcute	5.73E-03	6.16E-03	3.07E-02	0.00E+00	7.85E-09	1.23E-02	1.15E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	3.07E-02
228	CARTGRID	1	372600	3762000	NonCancerAcute	5.79E-03	6.24E-03	3.10E-02	0.00E+00	7.68E-09	1.25E-02	1.14E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.27E-03	0.00E+00	0.00E+00	3.10E-02
229	CARTGRID	1	372700	3762000	NonCancerAcute	6.29E-03	6.77E-03	3.37E-02	0.00E+00	8.42E-09	1.36E-02	1.24E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	3.37E-02
230	CARTGRID	1	372800	3762000	NonCancerAcute	6.59E-03	7.10E-03	3.55E-02	0.00E+00	8.83E-09	1.44E-02	1.30E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	3.55E-02
231	CARTGRID	1	372900	3762000	NonCancerAcute	6.68E-03	7.21E-03	3.62E-02	0.00E+00	8.96E-09	1.49E-02	1.33E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	3.62E-02
232	CARTGRID	1	373000	3762000	NonCancerAcute	6.98E-03	7.54E-03	3.78E-02	0.00E+00	9.61E-09	1.57E-02	1.43E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	8.14E-03	0.00E+00	0.00E+00	3.78E-02
233	CARTGRID	1	373100	3762000	NonCancerAcute	7.22E-03	7.82E-03	3.93E-02	0.00E+00	9.94E-09	1.65E-02	1.48E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	8.69E-03	0.00E+00	0.00E+00	3.93E-02
234	CARTGRID	1	373200	3762000	NonCancerAcute	7.22E-03	7.86E-03	3.96E-02	0.00E+00	1.05E-08	1.70E-02	1.57E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	9.15E-03	0.00E+00	0.00E+00	3.96E-02
235	CARTGRID	1	373300	3762000	NonCancerAcute	7.44E-03	8.12E-03	4.12E-02	0.00E+00	1.07E-08	1.80E-02	1.61E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	9.85E-03	0.00E+00	0.00E+00	4.12E-02
236	CARTGRID	1	373400	3762000	NonCancerAcute	7.85E-03	8.58E-03	4.40E-02	0.00E+00	1.12E-08	1.95E-02	1.69E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.40E-02
237	CARTGRID	1	373500	3762000	NonCancerAcute	7.89E-03	8.66E-03	4.46E-02	0.00E+00	1.12E-08	2.02E-02	1.72E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.46E-02
238	CARTGRID	1	373600	3762000	NonCancerAcute	7.84E-03	8.69E-03	4.48E-02	0.00E+00	1.07E-08	2.12E-02	1.72E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.48E-02
239	CARTGRID	1	373700	3762000	NonCancerAcute	8.19E-03	9.04E-03	4.70E-02	0.00E+00	1.13E-08	2.21E-02	1.78E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	4.70E-02
240	CARTGRID	1	373800	3762000	NonCancerAcute	8.65E-03	9.60E-03	5.01E-02	0.00E+00	1.28E-08	2.40E-02	2.01E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.01E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
241	CARTGRID	1	373900	3762000	NonCancerAcute	8.68E-03	9.70E-03	5.00E-02	0.00E+00	1.48E-08	2.43E-02	2.27E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.00E-02
242	CARTGRID	1	374000	3762000	NonCancerAcute	8.39E-03	9.47E-03	4.87E-02	0.00E+00	1.42E-08	2.44E-02	2.25E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	4.87E-02
243	CARTGRID	1	374100	3762000	NonCancerAcute	8.46E-03	9.62E-03	4.88E-02	0.00E+00	1.35E-08	2.47E-02	2.21E-02	0.00E+00	3.25E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	4.88E-02
244	CARTGRID	1	374200	3762000	NonCancerAcute	8.38E-03	9.62E-03	4.82E-02	0.00E+00	1.16E-08	2.50E-02	2.05E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	4.82E-02
245	CARTGRID	1	374300	3762000	NonCancerAcute	8.33E-03	9.72E-03	4.80E-02	0.00E+00	1.06E-08	2.58E-02	2.03E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	4.80E-02
246	CARTGRID	1	374400	3762000	NonCancerAcute	8.40E-03	9.92E-03	4.87E-02	0.00E+00	1.08E-08	2.71E-02	2.14E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	4.87E-02
247	CARTGRID	1	374500	3762000	NonCancerAcute	7.22E-03	8.33E-03	4.15E-02	0.00E+00	1.00E-08	2.17E-02	1.80E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	4.15E-02
248	CARTGRID	1	374600	3762000	NonCancerAcute	8.11E-03	9.19E-03	4.63E-02	0.00E+00	1.33E-08	2.31E-02	2.15E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	4.63E-02
249	CARTGRID	1	374700	3762000	NonCancerAcute	7.63E-03	8.57E-03	4.30E-02	0.00E+00	1.33E-08	2.07E-02	2.07E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.30E-02
250	CARTGRID	1	374800	3762000	NonCancerAcute	6.60E-03	7.40E-03	3.73E-02	0.00E+00	1.27E-08	1.79E-02	1.91E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.73E-02
251	CARTGRID	1	374900	3762000	NonCancerAcute	6.60E-03	7.37E-03	3.71E-02	0.00E+00	1.19E-08	1.76E-02	1.80E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.71E-02
252	CARTGRID	1	375000	3762000	NonCancerAcute	5.51E-03	6.19E-03	3.14E-02	0.00E+00	1.19E-08	1.53E-02	1.75E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	9.09E-03	0.00E+00	0.00E+00	3.14E-02
253	CARTGRID	1	371500	3762100	NonCancerAcute	3.54E-03	3.81E-03	1.90E-02	0.00E+00	4.54E-09	7.63E-03	6.76E-03	0.00E+00	9.23E-03	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	1.90E-02
254	CARTGRID	1	371600	3762100	NonCancerAcute	3.56E-03	3.85E-03	1.92E-02	0.00E+00	4.67E-09	7.83E-03	6.98E-03	0.00E+00	9.56E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	1.92E-02
255	CARTGRID	1	371700	3762100	NonCancerAcute	3.81E-03	4.12E-03	2.05E-02	0.00E+00	4.98E-09	8.33E-03	7.44E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	2.05E-02
256	CARTGRID	1	371800	3762100	NonCancerAcute	4.14E-03	4.47E-03	2.22E-02	0.00E+00	5.41E-09	9.00E-03	8.08E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	2.22E-02
257	CARTGRID	1	371900	3762100	NonCancerAcute	4.27E-03	4.60E-03	2.29E-02	0.00E+00	5.68E-09	9.27E-03	8.44E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.29E-02
258	CARTGRID	1	372000	3762100	NonCancerAcute	4.34E-03	4.68E-03	2.33E-02	0.00E+00	5.81E-09	9.53E-03	8.64E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	2.33E-02
259	CARTGRID	1	372100	3762100	NonCancerAcute	4.54E-03	4.90E-03	2.45E-02	0.00E+00	6.04E-09	1.01E-02	9.00E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	2.45E-02
260	CARTGRID	1	372200	3762100	NonCancerAcute	4.74E-03	5.12E-03	2.56E-02	0.00E+00	6.58E-09	1.05E-02	9.70E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.39E-03	0.00E+00	0.00E+00	2.56E-02
261	CARTGRID	1	372300	3762100	NonCancerAcute	5.10E-03	5.50E-03	2.74E-02	0.00E+00	6.82E-09	1.12E-02	1.01E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.74E-02
262	CARTGRID	1	372400	3762100	NonCancerAcute	5.64E-03	6.07E-03	3.03E-02	0.00E+00	7.70E-09	1.23E-02	1.13E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	3.03E-02
263	CARTGRID	1	372500	3762100	NonCancerAcute	6.08E-03	6.54E-03	3.26E-02	0.00E+00	8.38E-09	1.31E-02	1.22E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	3.26E-02
264	CARTGRID	1	372600	3762100	NonCancerAcute	6.49E-03	6.97E-03	3.47E-02	0.00E+00	8.87E-09	1.39E-02	1.29E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	3.47E-02
265	CARTGRID	1	372700	3762100	NonCancerAcute	6.57E-03	7.08E-03	3.53E-02	0.00E+00	8.91E-09	1.43E-02	1.31E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	3.53E-02
266	CARTGRID	1	372800	3762100	NonCancerAcute	7.06E-03	7.60E-03	3.79E-02	0.00E+00	9.58E-09	1.53E-02	1.41E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	3.79E-02
267	CARTGRID	1	372900	3762100	NonCancerAcute	7.42E-03	8.00E-03	4.01E-02	0.00E+00	1.01E-08	1.64E-02	1.50E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	4.01E-02
268	CARTGRID	1	373000	3762100	NonCancerAcute	7.75E-03	8.37E-03	4.20E-02	0.00E+00	1.09E-08	1.74E-02	1.60E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	4.20E-02
269	CARTGRID	1	373100	3762100	NonCancerAcute	8.01E-03	8.68E-03	4.36E-02	0.00E+00	1.13E-08	1.84E-02	1.68E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	9.69E-03	0.00E+00	0.00E+00	4.36E-02
270	CARTGRID	1	373200	3762100	NonCancerAcute	7.98E-03	8.68E-03	4.40E-02	0.00E+00	1.19E-08	1.91E-02	1.77E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.40E-02
271	CARTGRID	1	373300	3762100	NonCancerAcute	8.22E-03	8.97E-03	4.60E-02	0.00E+00	1.23E-08	2.05E-02	1.84E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.60E-02
272	CARTGRID	1	373400	3762100	NonCancerAcute	8.82E-03	9.63E-03	4.98E-02	0.00E+00	1.27E-08	2.23E-02	1.91E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	4.98E-02
273	CARTGRID	1	373500	3762100	NonCancerAcute	8.88E-03	9.74E-03	5.18E-02	0.00E+00	1.28E-08	2.44E-02	1.95E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.18E-02
274	CARTGRID	1	373600	3762100	NonCancerAcute	8.76E-03	9.65E-03	5.17E-02	0.00E+00	1.28E-08	2.48E-02	1.97E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	5.17E-02
275	CARTGRID	1	373700	3762100	NonCancerAcute	8.54E-03	9.48E-03	5.03E-02	0.00E+00	1.13E-08	2.46E-02	1.83E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	5.03E-02
276	CARTGRID	1	373800	3762100	NonCancerAcute	8.98E-03	1.00E-02	5.22E-02	0.00E+00	1.23E-08	2.55E-02	2.01E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	5.22E-02
277	CARTGRID	1	373900	3762100	NonCancerAcute	9.70E-03	1.09E-02	5.59E-02	0.00E+00	1.63E-08	2.74E-02	2.54E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	5.59E-02
278	CARTGRID	1	374000	3762100	NonCancerAcute	9.78E-03	1.11E-02	5.69E-02	0.00E+00	1.73E-08	2.90E-02	2.75E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	5.69E-02
279	CARTGRID	1	374100	3762100	NonCancerAcute	9.83E-03	1.13E-02	5.70E-02	0.00E+00	1.62E-08	2.95E-02	2.68E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	5.70E-02
280	CARTGRID	1	374200	3762100	NonCancerAcute	9.60E-03	1.11E-02	5.57E-02	0.00E+00	1.29E-08	2.97E-02	2.38E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	5.57E-02
281	CARTGRID	1	374300	3762100	NonCancerAcute	9.61E-03	1.14E-02	5.60E-02	0.00E+00	1.14E-08	3.16E-02	2.37E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	5.60E-02
282	CARTGRID	1	374400	3762100	NonCancerAcute	9.81E-03	1.18E-02	5.77E-02	0.00E+00	1.17E-08	3.36E-02	2.51E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	5.77E-02
283	CARTGRID	1	374500	3762100	NonCancerAcute	8.22E-03	9.61E-03	4.80E-02	0.00E+00	1.29E-08	2.62E-02	2.29E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	4.80E-02
284	CARTGRID	1	374600	3762100	NonCancerAcute	8.59E-03	9.76E-03	4.89E-02	0.00E+00	1.46E-08	2.44E-02	2.35E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	4.89E-02
285	CARTGRID	1	374700	3762100	NonCancerAcute	8.45E-03	9.47E-03	4.73E-02	0.00E+00	1.39E-08	2.24E-02	2.18E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	4.73E-02
286	CARTGRID	1	374800	3762100	NonCancerAcute	7.26E-03	8.16E-03	4.11E-02	0.00E+00	1.30E-08	1.98E-02	2.00E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.11E-02
287	CARTGRID	1	374900	3762100	NonCancerAcute	6.28E-03	7.10E-03	3.59E-02	0.00E+00	1.21E-08	1.78E-02	1.85E-02	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.59E-02
288	CARTGRID	1	375000	3762100	NonCancerAcute	5.88E-03	6.62E-03	3.35E-02	0.00E+00	1.20E-08	1.64E-02	1.80E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	3.35E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
289	CARTGRID	1	371500	3762200	NonCancerAcute	3.67E-03	3.95E-03	1.96E-02	0.00E+00	4.65E-09	7.85E-03	6.93E-03	0.00E+00	9.47E-03	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	1.96E-02
290	CARTGRID	1	371600	3762200	NonCancerAcute	3.85E-03	4.15E-03	2.06E-02	0.00E+00	4.93E-09	8.26E-03	7.34E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.12E-03	0.00E+00	0.00E+00	2.06E-02
291	CARTGRID	1	371700	3762200	NonCancerAcute	3.93E-03	4.24E-03	2.11E-02	0.00E+00	5.09E-09	8.61E-03	7.62E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	2.11E-02
292	CARTGRID	1	371800	3762200	NonCancerAcute	4.40E-03	4.74E-03	2.36E-02	0.00E+00	5.61E-09	9.54E-03	8.38E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	2.36E-02
293	CARTGRID	1	371900	3762200	NonCancerAcute	4.50E-03	4.86E-03	2.42E-02	0.00E+00	5.87E-09	9.82E-03	8.75E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	4.97E-03	0.00E+00	0.00E+00	2.42E-02
294	CARTGRID	1	372000	3762200	NonCancerAcute	4.54E-03	4.91E-03	2.44E-02	0.00E+00	6.06E-09	9.97E-03	9.03E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	2.44E-02
295	CARTGRID	1	372100	3762200	NonCancerAcute	4.93E-03	5.32E-03	2.65E-02	0.00E+00	6.61E-09	1.08E-02	9.81E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	2.65E-02
296	CARTGRID	1	372200	3762200	NonCancerAcute	5.14E-03	5.55E-03	2.77E-02	0.00E+00	6.77E-09	1.13E-02	1.01E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	2.77E-02
297	CARTGRID	1	372300	3762200	NonCancerAcute	5.41E-03	5.84E-03	2.92E-02	0.00E+00	7.39E-09	1.20E-02	1.09E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.11E-03	0.00E+00	0.00E+00	2.92E-02
298	CARTGRID	1	372400	3762200	NonCancerAcute	5.81E-03	6.26E-03	3.12E-02	0.00E+00	7.62E-09	1.26E-02	1.13E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	3.12E-02
299	CARTGRID	1	372500	3762200	NonCancerAcute	6.47E-03	6.95E-03	3.47E-02	0.00E+00	8.55E-09	1.39E-02	1.26E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	3.47E-02
300	CARTGRID	1	372600	3762200	NonCancerAcute	6.94E-03	7.46E-03	3.72E-02	0.00E+00	9.78E-09	1.50E-02	1.42E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	7.50E-03	0.00E+00	0.00E+00	3.72E-02
301	CARTGRID	1	372700	3762200	NonCancerAcute	7.44E-03	8.00E-03	3.99E-02	0.00E+00	1.02E-08	1.60E-02	1.49E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	3.99E-02
302	CARTGRID	1	372800	3762200	NonCancerAcute	7.79E-03	8.39E-03	4.18E-02	0.00E+00	1.11E-08	1.68E-02	1.61E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	4.18E-02
303	CARTGRID	1	372900	3762200	NonCancerAcute	8.10E-03	8.74E-03	4.36E-02	0.00E+00	1.19E-08	1.78E-02	1.72E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	9.05E-03	0.00E+00	0.00E+00	4.36E-02
304	CARTGRID	1	373000	3762200	NonCancerAcute	8.65E-03	9.35E-03	4.71E-02	0.00E+00	1.22E-08	1.96E-02	1.79E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.71E-02
305	CARTGRID	1	373100	3762200	NonCancerAcute	8.91E-03	9.66E-03	4.90E-02	0.00E+00	1.36E-08	2.10E-02	1.99E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.90E-02
306	CARTGRID	1	373200	3762200	NonCancerAcute	8.83E-03	9.63E-03	4.93E-02	0.00E+00	1.44E-08	2.18E-02	2.10E-02	0.00E+00	2.84E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	4.93E-02
307	CARTGRID	1	373300	3762200	NonCancerAcute	9.33E-03	1.02E-02	5.28E-02	0.00E+00	1.60E-08	2.37E-02	2.32E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.28E-02
308	CARTGRID	1	373400	3762200	NonCancerAcute	9.84E-03	1.08E-02	5.65E-02	0.00E+00	1.68E-08	2.60E-02	2.45E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	5.65E-02
309	CARTGRID	1	373500	3762200	NonCancerAcute	1.00E-02	1.10E-02	6.01E-02	0.00E+00	1.63E-08	2.92E-02	2.42E-02	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	6.01E-02
310	CARTGRID	1	373600	3762200	NonCancerAcute	9.89E-03	1.09E-02	6.65E-02	0.00E+00	1.50E-08	3.63E-02	2.29E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	6.65E-02
311	CARTGRID	1	373700	3762200	NonCancerAcute	9.38E-03	1.04E-02	5.86E-02	0.00E+00	1.27E-08	3.05E-02	2.06E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	5.86E-02
312	CARTGRID	1	373800	3762200	NonCancerAcute	1.06E-02	1.19E-02	6.36E-02	0.00E+00	1.71E-08	3.21E-02	2.67E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	6.36E-02
313	CARTGRID	1	373900	3762200	NonCancerAcute	1.07E-02	1.20E-02	6.15E-02	0.00E+00	1.46E-08	3.02E-02	2.42E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	6.15E-02
314	CARTGRID	1	374000	3762200	NonCancerAcute	1.15E-02	1.32E-02	6.72E-02	0.00E+00	1.94E-08	3.47E-02	3.16E-02	0.00E+00	4.63E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	6.72E-02
315	CARTGRID	1	374100	3762200	NonCancerAcute	1.14E-02	1.31E-02	6.63E-02	0.00E+00	1.87E-08	3.51E-02	3.17E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	6.63E-02
316	CARTGRID	1	374200	3762200	NonCancerAcute	1.08E-02	1.26E-02	6.26E-02	0.00E+00	1.38E-08	3.42E-02	2.66E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	6.26E-02
317	CARTGRID	1	374300	3762200	NonCancerAcute	1.14E-02	1.37E-02	6.66E-02	0.00E+00	1.30E-08	3.90E-02	2.87E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	6.66E-02
318	CARTGRID	1	374400	3762200	NonCancerAcute	1.11E-02	1.35E-02	6.64E-02	0.00E+00	1.38E-08	4.00E-02	3.00E-02	0.00E+00	5.13E-02	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	6.64E-02
319	CARTGRID	1	374500	3762200	NonCancerAcute	9.38E-03	1.10E-02	5.49E-02	0.00E+00	1.63E-08	3.02E-02	2.81E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	5.49E-02
320	CARTGRID	1	374600	3762200	NonCancerAcute	9.55E-03	1.08E-02	5.41E-02	0.00E+00	1.57E-08	2.68E-02	2.54E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	5.41E-02
321	CARTGRID	1	374700	3762200	NonCancerAcute	8.55E-03	9.63E-03	4.82E-02	0.00E+00	1.37E-08	2.33E-02	2.19E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	4.82E-02
322	CARTGRID	1	374800	3762200	NonCancerAcute	7.04E-03	7.99E-03	4.04E-02	0.00E+00	1.29E-08	2.03E-02	2.03E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.04E-02
323	CARTGRID	1	374900	3762200	NonCancerAcute	6.39E-03	7.25E-03	3.67E-02	0.00E+00	1.28E-08	1.85E-02	1.96E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	3.67E-02
324	CARTGRID	1	375000	3762200	NonCancerAcute	6.43E-03	7.20E-03	3.63E-02	0.00E+00	1.23E-08	1.74E-02	1.85E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.63E-02
325	CARTGRID	1	371500	3762300	NonCancerAcute	3.74E-03	4.03E-03	2.00E-02	0.00E+00	4.66E-09	8.01E-03	7.00E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	2.00E-02
326	CARTGRID	1	371600	3762300	NonCancerAcute	3.98E-03	4.28E-03	2.12E-02	0.00E+00	4.98E-09	8.48E-03	7.44E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	2.12E-02
327	CARTGRID	1	371700	3762300	NonCancerAcute	4.20E-03	4.52E-03	2.25E-02	0.00E+00	5.33E-09	9.02E-03	7.95E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.25E-02
328	CARTGRID	1	371800	3762300	NonCancerAcute	4.35E-03	4.69E-03	2.33E-02	0.00E+00	5.63E-09	9.46E-03	8.41E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	2.33E-02
329	CARTGRID	1	371900	3762300	NonCancerAcute	4.76E-03	5.13E-03	2.55E-02	0.00E+00	6.03E-09	1.03E-02	9.01E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	2.55E-02
330	CARTGRID	1	372000	3762300	NonCancerAcute	4.86E-03	5.24E-03	2.61E-02	0.00E+00	6.34E-09	1.06E-02	9.45E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.61E-02
331	CARTGRID	1	372100	3762300	NonCancerAcute	5.28E-03	5.70E-03	2.84E-02	0.00E+00	6.96E-09	1.15E-02	1.04E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	2.84E-02
332	CARTGRID	1	372200	3762300	NonCancerAcute	5.54E-03	5.98E-03	2.98E-02	0.00E+00	7.55E-09	1.21E-02	1.12E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	2.98E-02
333	CARTGRID	1	372300	3762300	NonCancerAcute	5.93E-03	6.39E-03	3.18E-02	0.00E+00	7.85E-09	1.29E-02	1.16E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	3.18E-02
334	CARTGRID	1	372400	3762300	NonCancerAcute	6.20E-03	6.68E-03	3.33E-02	0.00E+00	8.37E-09	1.35E-02	1.23E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	3.33E-02
335	CARTGRID	1	372500	3762300	NonCancerAcute	6.89E-03	7.40E-03	3.69E-02	0.00E+00	9.03E-09	1.48E-02	1.33E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	3.69E-02
336	CARTGRID	1	372600	3762300	NonCancerAcute	7.17E-03	7.71E-03	3.84E-02	0.00E+00	9.49E-09	1.55E-02	1.40E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	7.75E-03	0.00E+00	0.00E+00	3.84E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
337	CARTGRID	1	372700	3762300	NonCancerAcute	8.11E-03	8.71E-03	4.33E-02	0.00E+00	1.18E-08	1.72E-02	1.70E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	4.33E-02
338	CARTGRID	1	372800	3762300	NonCancerAcute	8.71E-03	9.37E-03	4.66E-02	0.00E+00	1.25E-08	1.88E-02	1.81E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	9.42E-03	0.00E+00	0.00E+00	4.66E-02
339	CARTGRID	1	372900	3762300	NonCancerAcute	9.07E-03	9.78E-03	4.87E-02	0.00E+00	1.35E-08	1.98E-02	1.95E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.87E-02
340	CARTGRID	1	373000	3762300	NonCancerAcute	9.54E-03	1.03E-02	5.18E-02	0.00E+00	1.43E-08	2.15E-02	2.08E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	5.18E-02
341	CARTGRID	1	373100	3762300	NonCancerAcute	9.99E-03	1.08E-02	5.51E-02	0.00E+00	1.82E-08	2.37E-02	2.56E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.51E-02
342	CARTGRID	1	373200	3762300	NonCancerAcute	9.95E-03	1.09E-02	5.55E-02	0.00E+00	1.85E-08	2.46E-02	2.64E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.55E-02
343	CARTGRID	1	373300	3762300	NonCancerAcute	1.06E-02	1.16E-02	6.00E-02	0.00E+00	1.99E-08	2.71E-02	2.84E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	6.00E-02
344	CARTGRID	1	373400	3762300	NonCancerAcute	1.12E-02	1.23E-02	6.41E-02	0.00E+00	2.05E-08	2.94E-02	2.95E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	6.41E-02
345	CARTGRID	1	373500	3762300	NonCancerAcute	1.09E-02	1.20E-02	6.48E-02	0.00E+00	1.58E-08	3.12E-02	2.41E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	6.48E-02
346	CARTGRID	1	373600	3762300	NonCancerAcute	1.04E-02	1.15E-02	6.77E-02	0.00E+00	1.52E-08	3.60E-02	2.35E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	2.45E-02	0.00E+00	0.00E+00	6.77E-02
347	CARTGRID	1	373700	3762300	NonCancerAcute	1.05E-02	1.17E-02	6.46E-02	0.00E+00	1.44E-08	3.30E-02	2.32E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	6.46E-02
348	CARTGRID	1	373800	3762300	NonCancerAcute	1.23E-02	1.38E-02	7.27E-02	0.00E+00	2.08E-08	3.64E-02	3.24E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	2.26E-02	0.00E+00	0.00E+00	7.27E-02
349	CARTGRID	1	373900	3762300	NonCancerAcute	1.27E-02	1.44E-02	7.37E-02	0.00E+00	1.94E-08	3.69E-02	3.17E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	7.37E-02
350	CARTGRID	1	374000	3762300	NonCancerAcute	1.43E-02	1.64E-02	8.26E-02	0.00E+00	2.15E-08	4.30E-02	3.70E-02	0.00E+00	5.61E-02	0.00E+00	0.00E+00	2.66E-02	0.00E+00	0.00E+00	8.26E-02
351	CARTGRID	1	374100	3762300	NonCancerAcute	1.30E-02	1.53E-02	7.66E-02	0.00E+00	2.09E-08	4.23E-02	3.71E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	7.66E-02
352	CARTGRID	1	374200	3762300	NonCancerAcute	1.23E-02	1.46E-02	7.14E-02	0.00E+00	1.46E-08	4.01E-02	3.02E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	7.14E-02
353	CARTGRID	1	374300	3762300	NonCancerAcute	1.36E-02	1.68E-02	8.19E-02	0.00E+00	1.53E-08	5.08E-02	3.62E-02	0.00E+00	6.40E-02	0.00E+00	0.00E+00	3.40E-02	0.00E+00	0.00E+00	8.19E-02
354	CARTGRID	1	374400	3762300	NonCancerAcute	1.31E-02	1.62E-02	7.86E-02	0.00E+00	1.72E-08	4.93E-02	3.79E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	3.31E-02	0.00E+00	0.00E+00	7.86E-02
355	CARTGRID	1	374500	3762300	NonCancerAcute	1.13E-02	1.31E-02	6.50E-02	0.00E+00	1.73E-08	3.39E-02	3.00E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	6.50E-02
356	CARTGRID	1	374600	3762300	NonCancerAcute	9.84E-03	1.12E-02	5.55E-02	0.00E+00	1.45E-08	2.73E-02	2.42E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	5.55E-02
357	CARTGRID	1	374700	3762300	NonCancerAcute	7.85E-03	8.98E-03	4.52E-02	0.00E+00	1.37E-08	2.32E-02	2.22E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	4.52E-02
358	CARTGRID	1	374800	3762300	NonCancerAcute	7.02E-03	8.01E-03	4.04E-02	0.00E+00	1.33E-08	2.06E-02	2.09E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.04E-02
359	CARTGRID	1	374900	3762300	NonCancerAcute	7.22E-03	8.10E-03	4.07E-02	0.00E+00	1.29E-08	1.96E-02	1.99E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.07E-02
360	CARTGRID	1	375000	3762300	NonCancerAcute	6.48E-03	7.28E-03	3.67E-02	0.00E+00	1.26E-08	1.77E-02	1.90E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	3.67E-02
361	CARTGRID	1	371500	3762400	NonCancerAcute	3.89E-03	4.18E-03	2.06E-02	0.00E+00	4.81E-09	8.22E-03	7.23E-03	0.00E+00	9.94E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	2.06E-02
362	CARTGRID	1	371600	3762400	NonCancerAcute	4.05E-03	4.36E-03	2.16E-02	0.00E+00	5.04E-09	8.64E-03	7.58E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	2.16E-02
363	CARTGRID	1	371700	3762400	NonCancerAcute	4.51E-03	4.85E-03	2.40E-02	0.00E+00	5.35E-09	9.55E-03	8.07E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	2.40E-02
364	CARTGRID	1	371800	3762400	NonCancerAcute	4.71E-03	5.06E-03	2.51E-02	0.00E+00	5.79E-09	9.99E-03	8.66E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	2.51E-02
365	CARTGRID	1	371900	3762400	NonCancerAcute	4.91E-03	5.29E-03	2.63E-02	0.00E+00	6.28E-09	1.06E-02	9.37E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	2.63E-02
366	CARTGRID	1	372000	3762400	NonCancerAcute	5.21E-03	5.61E-03	2.79E-02	0.00E+00	6.61E-09	1.13E-02	9.88E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.79E-02
367	CARTGRID	1	372100	3762400	NonCancerAcute	5.49E-03	5.91E-03	2.94E-02	0.00E+00	7.03E-09	1.19E-02	1.05E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	2.94E-02
368	CARTGRID	1	372200	3762400	NonCancerAcute	6.03E-03	6.49E-03	3.23E-02	0.00E+00	7.89E-09	1.30E-02	1.17E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	3.23E-02
369	CARTGRID	1	372300	3762400	NonCancerAcute	6.46E-03	6.96E-03	3.47E-02	0.00E+00	8.90E-09	1.40E-02	1.30E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	7.07E-03	0.00E+00	0.00E+00	3.47E-02
370	CARTGRID	1	372400	3762400	NonCancerAcute	7.01E-03	7.54E-03	3.75E-02	0.00E+00	9.26E-09	1.50E-02	1.36E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	3.75E-02
371	CARTGRID	1	372500	3762400	NonCancerAcute	7.77E-03	8.33E-03	4.14E-02	0.00E+00	1.08E-08	1.64E-02	1.57E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	8.07E-03	0.00E+00	0.00E+00	4.14E-02
372	CARTGRID	1	372600	3762400	NonCancerAcute	7.69E-03	8.26E-03	4.13E-02	0.00E+00	1.01E-08	1.66E-02	1.49E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	8.37E-03	0.00E+00	0.00E+00	4.13E-02
373	CARTGRID	1	372700	3762400	NonCancerAcute	9.02E-03	9.69E-03	4.82E-02	0.00E+00	1.30E-08	1.92E-02	1.86E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	9.50E-03	0.00E+00	0.00E+00	4.82E-02
374	CARTGRID	1	372800	3762400	NonCancerAcute	9.74E-03	1.05E-02	5.22E-02	0.00E+00	1.53E-08	2.10E-02	2.17E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.22E-02
375	CARTGRID	1	372900	3762400	NonCancerAcute	1.01E-02	1.09E-02	5.49E-02	0.00E+00	1.71E-08	2.27E-02	2.41E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.49E-02
376	CARTGRID	1	373000	3762400	NonCancerAcute	1.06E-02	1.14E-02	5.76E-02	0.00E+00	1.90E-08	2.40E-02	2.66E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.76E-02
377	CARTGRID	1	373100	3762400	NonCancerAcute	1.13E-02	1.23E-02	6.23E-02	0.00E+00	2.10E-08	2.66E-02	2.96E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.23E-02
378	CARTGRID	1	373200	3762400	NonCancerAcute	1.13E-02	1.24E-02	6.35E-02	0.00E+00	2.17E-08	2.83E-02	3.08E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	6.35E-02
379	CARTGRID	1	373300	3762400	NonCancerAcute	1.21E-02	1.32E-02	6.76E-02	0.00E+00	2.23E-08	3.01E-02	3.18E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	6.76E-02
380	CARTGRID	1	373400	3762400	NonCancerAcute	1.27E-02	1.39E-02	7.15E-02	0.00E+00	2.29E-08	3.22E-02	3.31E-02	0.00E+00	4.43E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	7.15E-02
381	CARTGRID	1	373500	3762400	NonCancerAcute	1.25E-02	1.37E-02	7.23E-02	0.00E+00	2.13E-08	3.40E-02	3.14E-02	0.00E+00	4.26E-02	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	7.23E-02
382	CARTGRID	1	373600	3762400	NonCancerAcute	1.16E-02	1.29E-02	6.79E-02	0.00E+00	1.67E-08	3.26E-02	2.60E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	6.79E-02
383	CARTGRID	1	373700	3762400	NonCancerAcute	1.22E-02	1.36E-02	7.19E-02	0.00E+00	1.70E-08	3.53E-02	2.74E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	7.19E-02
384	CARTGRID	1	373800	3762400	NonCancerAcute	1.44E-02	1.62E-02	8.41E-02	0.00E+00	2.43E-08	4.20E-02	3.82E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	8.41E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
385	CARTGRID	1	373900	3762400	NonCancerAcute	1.50E-02	1.71E-02	8.71E-02	0.00E+00	2.33E-08	4.41E-02	3.84E-02	0.00E+00	5.65E-02	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	8.71E-02
386	CARTGRID	1	374000	3762400	NonCancerAcute	1.60E-02	1.84E-02	9.23E-02	0.00E+00	2.34E-08	4.83E-02	4.10E-02	0.00E+00	6.27E-02	0.00E+00	0.00E+00	2.99E-02	0.00E+00	0.00E+00	9.23E-02
387	CARTGRID	1	374100	3762400	NonCancerAcute	1.42E-02	1.67E-02	8.29E-02	0.00E+00	1.73E-08	4.52E-02	3.41E-02	0.00E+00	5.56E-02	0.00E+00	0.00E+00	2.85E-02	0.00E+00	0.00E+00	8.29E-02
388	CARTGRID	1	374200	3762400	NonCancerAcute	1.40E-02	1.68E-02	8.28E-02	0.00E+00	1.66E-08	4.80E-02	3.55E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	8.28E-02
389	CARTGRID	1	374300	3762400	NonCancerAcute	1.40E-02	1.71E-02	8.35E-02	0.00E+00	1.63E-08	5.08E-02	3.69E-02	0.00E+00	6.43E-02	0.00E+00	0.00E+00	3.37E-02	0.00E+00	0.00E+00	8.35E-02
390	CARTGRID	1	374400	3762400	NonCancerAcute	1.33E-02	1.60E-02	7.89E-02	0.00E+00	1.94E-08	4.62E-02	3.81E-02	0.00E+00	6.22E-02	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	7.89E-02
391	CARTGRID	1	374500	3762400	NonCancerAcute	1.20E-02	1.38E-02	6.85E-02	0.00E+00	1.67E-08	3.55E-02	2.99E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	2.17E-02	0.00E+00	0.00E+00	6.85E-02
392	CARTGRID	1	374600	3762400	NonCancerAcute	8.29E-03	9.59E-03	4.81E-02	0.00E+00	1.35E-08	2.54E-02	2.30E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	4.81E-02
393	CARTGRID	1	374700	3762400	NonCancerAcute	7.96E-03	9.09E-03	4.56E-02	0.00E+00	1.40E-08	2.31E-02	2.26E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	4.56E-02
394	CARTGRID	1	374800	3762400	NonCancerAcute	7.91E-03	8.91E-03	4.47E-02	0.00E+00	1.34E-08	2.17E-02	2.11E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	4.47E-02
395	CARTGRID	1	374900	3762400	NonCancerAcute	6.85E-03	7.75E-03	3.92E-02	0.00E+00	1.34E-08	1.94E-02	2.05E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	3.92E-02
396	CARTGRID	1	375000	3762400	NonCancerAcute	6.38E-03	7.19E-03	3.64E-02	0.00E+00	1.36E-08	1.78E-02	2.02E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.64E-02
397	CARTGRID	1	371500	3762500	NonCancerAcute	4.01E-03	4.31E-03	2.14E-02	0.00E+00	4.87E-09	8.54E-03	7.35E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	2.14E-02
398	CARTGRID	1	371600	3762500	NonCancerAcute	4.21E-03	4.54E-03	2.24E-02	0.00E+00	5.22E-09	8.95E-03	7.84E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	2.24E-02
399	CARTGRID	1	371700	3762500	NonCancerAcute	4.50E-03	4.84E-03	2.39E-02	0.00E+00	5.51E-09	9.51E-03	8.29E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	2.39E-02
400	CARTGRID	1	371800	3762500	NonCancerAcute	5.09E-03	5.47E-03	2.71E-02	0.00E+00	6.03E-09	1.07E-02	9.10E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	2.71E-02
401	CARTGRID	1	371900	3762500	NonCancerAcute	5.41E-03	5.81E-03	2.88E-02	0.00E+00	6.48E-09	1.14E-02	9.73E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	2.88E-02
402	CARTGRID	1	372000	3762500	NonCancerAcute	5.66E-03	6.09E-03	3.03E-02	0.00E+00	7.20E-09	1.21E-02	1.07E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	3.03E-02
403	CARTGRID	1	372100	3762500	NonCancerAcute	5.82E-03	6.26E-03	3.11E-02	0.00E+00	7.35E-09	1.25E-02	1.10E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	3.11E-02
404	CARTGRID	1	372200	3762500	NonCancerAcute	6.31E-03	6.79E-03	3.37E-02	0.00E+00	8.07E-09	1.35E-02	1.20E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	3.37E-02
405	CARTGRID	1	372300	3762500	NonCancerAcute	7.09E-03	7.62E-03	3.78E-02	0.00E+00	9.53E-09	1.51E-02	1.39E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	7.47E-03	0.00E+00	0.00E+00	3.78E-02
406	CARTGRID	1	372400	3762500	NonCancerAcute	7.63E-03	8.20E-03	4.08E-02	0.00E+00	1.06E-08	1.64E-02	1.54E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	4.08E-02
407	CARTGRID	1	372500	3762500	NonCancerAcute	8.27E-03	8.87E-03	4.41E-02	0.00E+00	1.09E-08	1.75E-02	1.59E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	8.62E-03	0.00E+00	0.00E+00	4.41E-02
408	CARTGRID	1	372600	3762500	NonCancerAcute	8.57E-03	9.20E-03	4.58E-02	0.00E+00	1.16E-08	1.82E-02	1.68E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	9.05E-03	0.00E+00	0.00E+00	4.58E-02
409	CARTGRID	1	372700	3762500	NonCancerAcute	9.64E-03	1.03E-02	5.14E-02	0.00E+00	1.32E-08	2.03E-02	1.91E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	5.14E-02
410	CARTGRID	1	372800	3762500	NonCancerAcute	1.08E-02	1.16E-02	5.80E-02	0.00E+00	1.85E-08	2.34E-02	2.58E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.80E-02
411	CARTGRID	1	372900	3762500	NonCancerAcute	1.15E-02	1.24E-02	6.18E-02	0.00E+00	2.09E-08	2.53E-02	2.90E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.18E-02
412	CARTGRID	1	373000	3762500	NonCancerAcute	1.20E-02	1.30E-02	6.53E-02	0.00E+00	2.21E-08	2.73E-02	3.08E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.53E-02
413	CARTGRID	1	373100	3762500	NonCancerAcute	1.31E-02	1.42E-02	7.14E-02	0.00E+00	2.32E-08	3.02E-02	3.28E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	7.14E-02
414	CARTGRID	1	373200	3762500	NonCancerAcute	1.37E-02	1.49E-02	7.53E-02	0.00E+00	2.40E-08	3.24E-02	3.43E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	7.53E-02
415	CARTGRID	1	373300	3762500	NonCancerAcute	1.40E-02	1.53E-02	7.85E-02	0.00E+00	2.44E-08	3.49E-02	3.53E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	1.96E-02	0.00E+00	0.00E+00	7.85E-02
416	CARTGRID	1	373400	3762500	NonCancerAcute	1.50E-02	1.64E-02	8.38E-02	0.00E+00	2.51E-08	3.72E-02	3.66E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	8.38E-02
417	CARTGRID	1	373500	3762500	NonCancerAcute	1.40E-02	1.55E-02	8.02E-02	0.00E+00	2.52E-08	3.73E-02	3.70E-02	0.00E+00	5.01E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	8.02E-02
418	CARTGRID	1	373600	3762500	NonCancerAcute	1.28E-02	1.42E-02	7.38E-02	0.00E+00	1.79E-08	3.53E-02	2.86E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	7.38E-02
419	CARTGRID	1	373700	3762500	NonCancerAcute	1.44E-02	1.61E-02	8.31E-02	0.00E+00	1.97E-08	4.04E-02	3.23E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	2.43E-02	0.00E+00	0.00E+00	8.31E-02
420	CARTGRID	1	373800	3762500	NonCancerAcute	1.65E-02	1.85E-02	9.57E-02	0.00E+00	2.75E-08	4.77E-02	4.34E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	2.92E-02	0.00E+00	0.00E+00	9.57E-02
421	CARTGRID	1	373900	3762500	NonCancerAcute	1.86E-02	2.09E-02	1.06E-01	0.00E+00	2.60E-08	5.17E-02	4.32E-02	0.00E+00	6.37E-02	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	1.06E-01
422	CARTGRID	1	374000	3762500	NonCancerAcute	1.77E-02	2.01E-02	1.01E-01	0.00E+00	2.58E-08	5.11E-02	4.37E-02	0.00E+00	6.55E-02	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.01E-01
423	CARTGRID	1	374100	3762500	NonCancerAcute	1.40E-02	1.61E-02	8.03E-02	0.00E+00	1.86E-08	4.14E-02	3.35E-02	0.00E+00	5.22E-02	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	8.03E-02
424	CARTGRID	1	374200	3762500	NonCancerAcute	1.45E-02	1.71E-02	8.50E-02	0.00E+00	2.01E-08	4.77E-02	3.84E-02	0.00E+00	6.17E-02	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	8.50E-02
425	CARTGRID	1	374300	3762500	NonCancerAcute	1.43E-02	1.68E-02	8.33E-02	0.00E+00	2.19E-08	4.62E-02	4.00E-02	0.00E+00	6.26E-02	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	8.33E-02
426	CARTGRID	1	374400	3762500	NonCancerAcute	1.39E-02	1.62E-02	8.01E-02	0.00E+00	2.03E-08	4.27E-02	3.65E-02	0.00E+00	5.66E-02	0.00E+00	0.00E+00	2.65E-02	0.00E+00	0.00E+00	8.01E-02
427	CARTGRID	1	374500	3762500	NonCancerAcute	1.02E-02	1.19E-02	5.96E-02	0.00E+00	1.65E-08	3.26E-02	2.90E-02	0.00E+00	4.45E-02	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	5.96E-02
428	CARTGRID	1	374600	3762500	NonCancerAcute	8.89E-03	1.02E-02	5.08E-02	0.00E+00	1.48E-08	2.59E-02	2.44E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	5.08E-02
429	CARTGRID	1	374700	3762500	NonCancerAcute	8.21E-03	9.31E-03	4.68E-02	0.00E+00	1.38E-08	2.33E-02	2.22E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	4.68E-02
430	CARTGRID	1	374800	3762500	NonCancerAcute	7.38E-03	8.35E-03	4.20E-02	0.00E+00	1.36E-08	2.08E-02	2.11E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.20E-02
431	CARTGRID	1	374900	3762500	NonCancerAcute	6.97E-03	7.86E-03	3.97E-02	0.00E+00	1.34E-08	1.95E-02	2.04E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	3.97E-02
432	CARTGRID	1	375000	3762500	NonCancerAcute	6.48E-03	7.29E-03	3.70E-02	0.00E+00	1.39E-08	1.81E-02	2.05E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.70E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
433	CARTGRID	1	371500	3762600	NonCancerAcute	4.14E-03	4.46E-03	2.21E-02	0.00E+00	5.24E-09	8.82E-03	7.83E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	2.21E-02
434	CARTGRID	1	371600	3762600	NonCancerAcute	4.36E-03	4.69E-03	2.33E-02	0.00E+00	5.49E-09	9.31E-03	8.21E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	2.33E-02
435	CARTGRID	1	371700	3762600	NonCancerAcute	4.65E-03	5.00E-03	2.48E-02	0.00E+00	5.65E-09	9.89E-03	8.51E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	2.48E-02
436	CARTGRID	1	371800	3762600	NonCancerAcute	5.13E-03	5.51E-03	2.73E-02	0.00E+00	6.11E-09	1.08E-02	9.22E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	2.73E-02
437	CARTGRID	1	371900	3762600	NonCancerAcute	5.82E-03	6.25E-03	3.09E-02	0.00E+00	7.04E-09	1.22E-02	1.05E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	3.09E-02
438	CARTGRID	1	372000	3762600	NonCancerAcute	6.16E-03	6.61E-03	3.28E-02	0.00E+00	7.42E-09	1.30E-02	1.11E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.34E-03	0.00E+00	0.00E+00	3.28E-02
439	CARTGRID	1	372100	3762600	NonCancerAcute	6.46E-03	6.94E-03	3.44E-02	0.00E+00	8.00E-09	1.37E-02	1.19E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	6.74E-03	0.00E+00	0.00E+00	3.44E-02
440	CARTGRID	1	372200	3762600	NonCancerAcute	6.69E-03	7.19E-03	3.58E-02	0.00E+00	8.35E-09	1.43E-02	1.24E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	7.09E-03	0.00E+00	0.00E+00	3.58E-02
441	CARTGRID	1	372300	3762600	NonCancerAcute	7.33E-03	7.88E-03	3.91E-02	0.00E+00	9.70E-09	1.56E-02	1.43E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	7.77E-03	0.00E+00	0.00E+00	3.91E-02
442	CARTGRID	1	372400	3762600	NonCancerAcute	8.58E-03	9.20E-03	4.55E-02	0.00E+00	1.17E-08	1.79E-02	1.69E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	4.55E-02
443	CARTGRID	1	372500	3762600	NonCancerAcute	9.13E-03	9.80E-03	4.86E-02	0.00E+00	1.25E-08	1.93E-02	1.82E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	9.47E-03	0.00E+00	0.00E+00	4.86E-02
444	CARTGRID	1	372600	3762600	NonCancerAcute	1.01E-02	1.09E-02	5.42E-02	0.00E+00	1.39E-08	2.15E-02	2.02E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.42E-02
445	CARTGRID	1	372700	3762600	NonCancerAcute	1.03E-02	1.10E-02	5.47E-02	0.00E+00	1.38E-08	2.15E-02	2.00E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.47E-02
446	CARTGRID	1	372800	3762600	NonCancerAcute	1.13E-02	1.21E-02	6.04E-02	0.00E+00	1.53E-08	2.38E-02	2.21E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	6.04E-02
447	CARTGRID	1	372900	3762600	NonCancerAcute	1.25E-02	1.35E-02	6.72E-02	0.00E+00	2.19E-08	2.73E-02	3.06E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.72E-02
448	CARTGRID	1	373000	3762600	NonCancerAcute	1.41E-02	1.52E-02	7.63E-02	0.00E+00	2.42E-08	3.16E-02	3.41E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.63E-02
449	CARTGRID	1	373100	3762600	NonCancerAcute	1.45E-02	1.57E-02	7.93E-02	0.00E+00	2.52E-08	3.37E-02	3.59E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	7.93E-02
450	CARTGRID	1	373200	3762600	NonCancerAcute	1.57E-02	1.71E-02	8.61E-02	0.00E+00	2.51E-08	3.66E-02	3.64E-02	0.00E+00	4.89E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	8.61E-02
451	CARTGRID	1	373300	3762600	NonCancerAcute	1.57E-02	1.72E-02	8.72E-02	0.00E+00	2.67E-08	3.85E-02	3.88E-02	0.00E+00	5.22E-02	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	8.72E-02
452	CARTGRID	1	373400	3762600	NonCancerAcute	1.65E-02	1.80E-02	9.26E-02	0.00E+00	2.75E-08	4.16E-02	4.03E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	9.26E-02
453	CARTGRID	1	373500	3762600	NonCancerAcute	1.55E-02	1.70E-02	8.81E-02	0.00E+00	2.41E-08	4.05E-02	3.63E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	2.34E-02	0.00E+00	0.00E+00	8.81E-02
454	CARTGRID	1	373600	3762600	NonCancerAcute	1.52E-02	1.69E-02	8.69E-02	0.00E+00	2.05E-08	4.13E-02	3.32E-02	0.00E+00	4.82E-02	0.00E+00	0.00E+00	2.45E-02	0.00E+00	0.00E+00	8.69E-02
455	CARTGRID	1	373700	3762600	NonCancerAcute	1.84E-02	2.08E-02	1.06E-01	0.00E+00	2.49E-08	5.32E-02	4.24E-02	0.00E+00	6.38E-02	0.00E+00	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.06E-01
456	CARTGRID	1	373800	3762600	NonCancerAcute	1.84E-02	2.07E-02	1.07E-01	0.00E+00	3.04E-08	5.27E-02	4.76E-02	0.00E+00	6.77E-02	0.00E+00	0.00E+00	3.20E-02	0.00E+00	0.00E+00	1.07E-01
457	CARTGRID	1	373900	3762600	NonCancerAcute	2.11E-02	2.35E-02	1.20E-01	0.00E+00	2.90E-08	5.64E-02	4.71E-02	0.00E+00	6.85E-02	0.00E+00	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.20E-01
458	CARTGRID	1	374000	3762600	NonCancerAcute	1.83E-02	2.07E-02	1.05E-01	0.00E+00	2.84E-08	5.19E-02	4.64E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.05E-01
459	CARTGRID	1	374100	3762600	NonCancerAcute	1.50E-02	1.70E-02	8.53E-02	0.00E+00	2.07E-08	4.24E-02	3.54E-02	0.00E+00	5.34E-02	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	8.53E-02
460	CARTGRID	1	374200	3762600	NonCancerAcute	1.54E-02	1.77E-02	8.87E-02	0.00E+00	2.46E-08	4.64E-02	4.19E-02	0.00E+00	6.30E-02	0.00E+00	0.00E+00	2.86E-02	0.00E+00	0.00E+00	8.87E-02
461	CARTGRID	1	374300	3762600	NonCancerAcute	1.44E-02	1.67E-02	8.33E-02	0.00E+00	2.36E-08	4.41E-02	4.02E-02	0.00E+00	6.05E-02	0.00E+00	0.00E+00	2.74E-02	0.00E+00	0.00E+00	8.33E-02
462	CARTGRID	1	374400	3762600	NonCancerAcute	1.23E-02	1.43E-02	7.15E-02	0.00E+00	1.99E-08	3.87E-02	3.46E-02	0.00E+00	5.29E-02	0.00E+00	0.00E+00	2.44E-02	0.00E+00	0.00E+00	7.15E-02
463	CARTGRID	1	374500	3762600	NonCancerAcute	1.08E-02	1.24E-02	6.21E-02	0.00E+00	1.77E-08	3.24E-02	2.97E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	6.21E-02
464	CARTGRID	1	374600	3762600	NonCancerAcute	9.29E-03	1.06E-02	5.33E-02	0.00E+00	1.60E-08	2.73E-02	2.61E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	5.33E-02
465	CARTGRID	1	374700	3762600	NonCancerAcute	8.29E-03	9.38E-03	4.71E-02	0.00E+00	1.44E-08	2.32E-02	2.28E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	4.71E-02
466	CARTGRID	1	374800	3762600	NonCancerAcute	7.44E-03	8.41E-03	4.23E-02	0.00E+00	1.35E-08	2.08E-02	2.11E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.23E-02
467	CARTGRID	1	374900	3762600	NonCancerAcute	6.90E-03	7.79E-03	3.93E-02	0.00E+00	1.34E-08	1.93E-02	2.05E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	3.93E-02
468	CARTGRID	1	375000	3762600	NonCancerAcute	6.48E-03	7.30E-03	3.70E-02	0.00E+00	1.38E-08	1.82E-02	2.04E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	3.70E-02
469	CARTGRID	1	371500	3762700	NonCancerAcute	4.31E-03	4.64E-03	2.30E-02	0.00E+00	5.20E-09	9.14E-03	7.85E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	2.30E-02
470	CARTGRID	1	371600	3762700	NonCancerAcute	4.55E-03	4.89E-03	2.42E-02	0.00E+00	5.58E-09	9.65E-03	8.38E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	2.42E-02
471	CARTGRID	1	371700	3762700	NonCancerAcute	4.80E-03	5.16E-03	2.56E-02	0.00E+00	6.02E-09	1.02E-02	9.02E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	2.56E-02
472	CARTGRID	1	371800	3762700	NonCancerAcute	5.16E-03	5.55E-03	2.75E-02	0.00E+00	6.40E-09	1.10E-02	9.59E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	2.75E-02
473	CARTGRID	1	371900	3762700	NonCancerAcute	5.87E-03	6.31E-03	3.12E-02	0.00E+00	6.93E-09	1.24E-02	1.05E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	3.12E-02
474	CARTGRID	1	372000	3762700	NonCancerAcute	6.66E-03	7.14E-03	3.52E-02	0.00E+00	8.14E-09	1.38E-02	1.21E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	6.64E-03	0.00E+00	0.00E+00	3.52E-02
475	CARTGRID	1	372100	3762700	NonCancerAcute	7.05E-03	7.57E-03	3.74E-02	0.00E+00	8.81E-09	1.47E-02	1.31E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.15E-03	0.00E+00	0.00E+00	3.74E-02
476	CARTGRID	1	372200	3762700	NonCancerAcute	7.38E-03	7.92E-03	3.92E-02	0.00E+00	8.58E-09	1.54E-02	1.29E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	3.92E-02
477	CARTGRID	1	372300	3762700	NonCancerAcute	8.01E-03	8.59E-03	4.26E-02	0.00E+00	9.91E-09	1.68E-02	1.47E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	8.16E-03	0.00E+00	0.00E+00	4.26E-02
478	CARTGRID	1	372400	3762700	NonCancerAcute	8.92E-03	9.57E-03	4.73E-02	0.00E+00	1.18E-08	1.86E-02	1.72E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	4.73E-02
479	CARTGRID	1	372500	3762700	NonCancerAcute	1.03E-02	1.10E-02	5.48E-02	0.00E+00	1.59E-08	2.18E-02	2.25E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.48E-02
480	CARTGRID	1	372600	3762700	NonCancerAcute	1.13E-02	1.22E-02	6.05E-02	0.00E+00	1.75E-08	2.39E-02	2.46E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	6.05E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
481	CARTGRID	1	372700	3762700	NonCancerAcute	1.20E-02	1.28E-02	6.37E-02	0.00E+00	1.78E-08	2.52E-02	2.53E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	6.37E-02
482	CARTGRID	1	372800	3762700	NonCancerAcute	1.30E-02	1.39E-02	6.89E-02	0.00E+00	1.83E-08	2.70E-02	2.62E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.89E-02
483	CARTGRID	1	372900	3762700	NonCancerAcute	1.34E-02	1.44E-02	7.19E-02	0.00E+00	1.90E-08	2.88E-02	2.74E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	7.19E-02
484	CARTGRID	1	373000	3762700	NonCancerAcute	1.57E-02	1.69E-02	8.51E-02	0.00E+00	2.67E-08	3.53E-02	3.77E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	8.51E-02
485	CARTGRID	1	373100	3762700	NonCancerAcute	1.63E-02	1.77E-02	8.90E-02	0.00E+00	2.76E-08	3.76E-02	3.95E-02	0.00E+00	5.23E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	8.90E-02
486	CARTGRID	1	373200	3762700	NonCancerAcute	1.73E-02	1.88E-02	9.47E-02	0.00E+00	2.83E-08	4.05E-02	4.10E-02	0.00E+00	5.50E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	9.47E-02
487	CARTGRID	1	373300	3762700	NonCancerAcute	1.76E-02	1.93E-02	9.77E-02	0.00E+00	2.96E-08	4.28E-02	4.31E-02	0.00E+00	5.80E-02	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	9.77E-02
488	CARTGRID	1	373400	3762700	NonCancerAcute	1.76E-02	1.93E-02	9.93E-02	0.00E+00	3.14E-08	4.48E-02	4.55E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	2.55E-02	0.00E+00	0.00E+00	9.93E-02
489	CARTGRID	1	373500	3762700	NonCancerAcute	1.77E-02	1.94E-02	1.01E-01	0.00E+00	2.91E-08	4.64E-02	4.30E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.01E-01
490	CARTGRID	1	373600	3762700	NonCancerAcute	1.78E-02	1.97E-02	1.01E-01	0.00E+00	2.48E-08	4.74E-02	3.90E-02	0.00E+00	5.57E-02	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.01E-01
491	CARTGRID	1	373700	3762700	NonCancerAcute	2.06E-02	2.29E-02	1.19E-01	0.00E+00	3.40E-08	5.74E-02	5.23E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.19E-01
492	CARTGRID	1	373800	3762700	NonCancerAcute	2.15E-02	2.37E-02	1.24E-01	0.00E+00	3.35E-08	5.84E-02	5.13E-02	0.00E+00	7.16E-02	0.00E+00	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.24E-01
493	CARTGRID	1	373900	3762700	NonCancerAcute	2.62E-02	2.85E-02	1.44E-01	0.00E+00	3.20E-08	6.21E-02	5.01E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.44E-01
494	CARTGRID	1	374000	3762700	NonCancerAcute	2.00E-02	2.21E-02	1.13E-01	0.00E+00	2.82E-08	5.27E-02	4.48E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	1.13E-01
495	CARTGRID	1	374100	3762700	NonCancerAcute	1.74E-02	1.95E-02	9.86E-02	0.00E+00	2.42E-08	4.73E-02	3.99E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	2.78E-02	0.00E+00	0.00E+00	9.86E-02
496	CARTGRID	1	374200	3762700	NonCancerAcute	1.58E-02	1.81E-02	9.08E-02	0.00E+00	2.69E-08	4.68E-02	4.41E-02	0.00E+00	6.48E-02	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	9.08E-02
497	CARTGRID	1	374300	3762700	NonCancerAcute	1.40E-02	1.61E-02	8.10E-02	0.00E+00	2.33E-08	4.22E-02	3.88E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	2.60E-02	0.00E+00	0.00E+00	8.10E-02
498	CARTGRID	1	374400	3762700	NonCancerAcute	1.24E-02	1.44E-02	7.16E-02	0.00E+00	1.91E-08	3.84E-02	3.36E-02	0.00E+00	5.16E-02	0.00E+00	0.00E+00	2.40E-02	0.00E+00	0.00E+00	7.16E-02
499	CARTGRID	1	374500	3762700	NonCancerAcute	1.06E-02	1.21E-02	6.05E-02	0.00E+00	1.67E-08	3.09E-02	2.80E-02	0.00E+00	4.17E-02	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	6.05E-02
500	CARTGRID	1	374600	3762700	NonCancerAcute	9.64E-03	1.10E-02	5.49E-02	0.00E+00	1.73E-08	2.75E-02	2.74E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	5.49E-02
501	CARTGRID	1	374700	3762700	NonCancerAcute	8.44E-03	9.58E-03	4.84E-02	0.00E+00	1.60E-08	2.42E-02	2.48E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	4.84E-02
502	CARTGRID	1	374800	3762700	NonCancerAcute	7.43E-03	8.38E-03	4.23E-02	0.00E+00	1.37E-08	2.08E-02	2.12E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.23E-02
503	CARTGRID	1	374900	3762700	NonCancerAcute	6.96E-03	7.83E-03	3.95E-02	0.00E+00	1.34E-08	1.92E-02	2.03E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	3.95E-02
504	CARTGRID	1	375000	3762700	NonCancerAcute	6.78E-03	7.60E-03	3.84E-02	0.00E+00	1.38E-08	1.84E-02	2.05E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.84E-02
505	CARTGRID	1	371500	3762800	NonCancerAcute	4.40E-03	4.74E-03	2.35E-02	0.00E+00	5.22E-09	9.43E-03	7.94E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	2.35E-02
506	CARTGRID	1	371600	3762800	NonCancerAcute	4.75E-03	5.11E-03	2.53E-02	0.00E+00	5.63E-09	1.01E-02	8.53E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.01E-03	0.00E+00	0.00E+00	2.53E-02
507	CARTGRID	1	371700	3762800	NonCancerAcute	5.04E-03	5.42E-03	2.69E-02	0.00E+00	6.03E-09	1.08E-02	9.12E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	2.69E-02
508	CARTGRID	1	371800	3762800	NonCancerAcute	5.33E-03	5.74E-03	2.84E-02	0.00E+00	6.38E-09	1.14E-02	9.69E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.84E-02
509	CARTGRID	1	371900	3762800	NonCancerAcute	5.76E-03	6.21E-03	3.08E-02	0.00E+00	7.04E-09	1.23E-02	1.06E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	3.08E-02
510	CARTGRID	1	372000	3762800	NonCancerAcute	6.71E-03	7.21E-03	3.57E-02	0.00E+00	8.21E-09	1.41E-02	1.23E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	6.92E-03	0.00E+00	0.00E+00	3.57E-02
511	CARTGRID	1	372100	3762800	NonCancerAcute	7.72E-03	8.28E-03	4.08E-02	0.00E+00	9.77E-09	1.59E-02	1.44E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	4.08E-02
512	CARTGRID	1	372200	3762800	NonCancerAcute	8.08E-03	8.67E-03	4.28E-02	0.00E+00	9.97E-09	1.67E-02	1.48E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	8.07E-03	0.00E+00	0.00E+00	4.28E-02
513	CARTGRID	1	372300	3762800	NonCancerAcute	8.71E-03	9.33E-03	4.61E-02	0.00E+00	1.06E-08	1.80E-02	1.57E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	8.71E-03	0.00E+00	0.00E+00	4.61E-02
514	CARTGRID	1	372400	3762800	NonCancerAcute	1.00E-02	1.07E-02	5.29E-02	0.00E+00	1.26E-08	2.05E-02	1.85E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	9.76E-03	0.00E+00	0.00E+00	5.29E-02
515	CARTGRID	1	372500	3762800	NonCancerAcute	1.10E-02	1.18E-02	5.82E-02	0.00E+00	1.49E-08	2.28E-02	2.16E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.82E-02
516	CARTGRID	1	372600	3762800	NonCancerAcute	1.26E-02	1.35E-02	6.71E-02	0.00E+00	2.04E-08	2.64E-02	2.86E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.71E-02
517	CARTGRID	1	372700	3762800	NonCancerAcute	1.35E-02	1.45E-02	7.21E-02	0.00E+00	2.17E-08	2.85E-02	3.04E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	7.21E-02
518	CARTGRID	1	372800	3762800	NonCancerAcute	1.51E-02	1.62E-02	8.07E-02	0.00E+00	2.50E-08	3.22E-02	3.49E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	8.07E-02
519	CARTGRID	1	372900	3762800	NonCancerAcute	1.55E-02	1.66E-02	8.28E-02	0.00E+00	2.45E-08	3.28E-02	3.44E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	8.28E-02
520	CARTGRID	1	373000	3762800	NonCancerAcute	1.63E-02	1.76E-02	8.80E-02	0.00E+00	2.86E-08	3.61E-02	4.01E-02	0.00E+00	5.22E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.80E-02
521	CARTGRID	1	373100	3762800	NonCancerAcute	1.89E-02	2.05E-02	1.03E-01	0.00E+00	3.02E-08	4.25E-02	4.34E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	1.03E-01
522	CARTGRID	1	373200	3762800	NonCancerAcute	1.98E-02	2.16E-02	1.09E-01	0.00E+00	3.23E-08	4.75E-02	4.75E-02	0.00E+00	6.45E-02	0.00E+00	0.00E+00	2.59E-02	0.00E+00	0.00E+00	1.09E-01
523	CARTGRID	1	373300	3762800	NonCancerAcute	1.93E-02	2.12E-02	1.07E-01	0.00E+00	3.23E-08	4.75E-02	4.75E-02	0.00E+00	6.44E-02	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.07E-01
524	CARTGRID	1	373400	3762800	NonCancerAcute	1.95E-02	2.14E-02	1.09E-01	0.00E+00	3.68E-08	4.91E-02	5.26E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.09E-01
525	CARTGRID	1	373500	3762800	NonCancerAcute	1.95E-02	2.14E-02	1.11E-01	0.00E+00	2.88E-08	5.05E-02	4.37E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.11E-01
526	CARTGRID	1	373600	3762800	NonCancerAcute	2.06E-02	2.27E-02	1.20E-01	0.00E+00	3.03E-08	5.73E-02	4.69E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.20E-01
527	CARTGRID	1	373700	3762800	NonCancerAcute	2.31E-02	2.55E-02	1.36E-01	0.00E+00	3.72E-08	6.52E-02	5.59E-02	0.00E+00	7.71E-02	0.00E+00	0.00E+00	3.97E-02	0.00E+00	0.00E+00	1.36E-01
528	CARTGRID	1	373800	3762800	NonCancerAcute	2.53E-02	2.77E-02	1.46E-01	0.00E+00	3.84E-08	6.74E-02	5.72E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	3.97E-02	0.00E+00	0.00E+00	1.46E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
529	CARTGRID	1	373900	3762800	NonCancerAcute	5.48E-02	5.72E-02	2.82E-01	0.00E+00	3.69E-08	9.58E-02	5.65E-02	0.00E+00	7.75E-02	0.00E+00	0.00E+00	3.87E-02	0.00E+00	0.00E+00	2.82E-01
530	CARTGRID	1	374000	3762800	NonCancerAcute	2.35E-02	2.57E-02	1.31E-01	0.00E+00	3.42E-08	5.83E-02	5.22E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.31E-01
531	CARTGRID	1	374100	3762800	NonCancerAcute	1.87E-02	2.10E-02	1.07E-01	0.00E+00	3.23E-08	5.16E-02	5.00E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	1.07E-01
532	CARTGRID	1	374200	3762800	NonCancerAcute	1.67E-02	1.90E-02	9.57E-02	0.00E+00	2.68E-08	4.88E-02	4.44E-02	0.00E+00	6.56E-02	0.00E+00	0.00E+00	2.98E-02	0.00E+00	0.00E+00	9.57E-02
533	CARTGRID	1	374300	3762800	NonCancerAcute	1.47E-02	1.68E-02	8.41E-02	0.00E+00	2.44E-08	4.26E-02	3.99E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	8.41E-02
534	CARTGRID	1	374400	3762800	NonCancerAcute	1.15E-02	1.32E-02	6.59E-02	0.00E+00	1.77E-08	3.32E-02	2.97E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	6.59E-02
535	CARTGRID	1	374500	3762800	NonCancerAcute	1.04E-02	1.19E-02	6.00E-02	0.00E+00	1.83E-08	3.06E-02	2.95E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	6.00E-02
536	CARTGRID	1	374600	3762800	NonCancerAcute	9.34E-03	1.06E-02	5.35E-02	0.00E+00	1.72E-08	2.69E-02	2.70E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	5.35E-02
537	CARTGRID	1	374700	3762800	NonCancerAcute	8.89E-03	1.00E-02	5.07E-02	0.00E+00	1.84E-08	2.48E-02	2.75E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	5.07E-02
538	CARTGRID	1	374800	3762800	NonCancerAcute	7.57E-03	8.53E-03	4.31E-02	0.00E+00	1.48E-08	2.10E-02	2.25E-02	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.31E-02
539	CARTGRID	1	374900	3762800	NonCancerAcute	7.04E-03	7.89E-03	4.00E-02	0.00E+00	1.32E-08	1.92E-02	2.01E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.00E-02
540	CARTGRID	1	375000	3762800	NonCancerAcute	6.91E-03	7.71E-03	3.90E-02	0.00E+00	1.33E-08	1.85E-02	1.98E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.90E-02
541	CARTGRID	1	371500	3762900	NonCancerAcute	4.59E-03	4.94E-03	2.44E-02	0.00E+00	5.29E-09	9.77E-03	8.10E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	2.44E-02
542	CARTGRID	1	371600	3762900	NonCancerAcute	4.89E-03	5.27E-03	2.61E-02	0.00E+00	5.60E-09	1.04E-02	8.58E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.61E-02
543	CARTGRID	1	371700	3762900	NonCancerAcute	5.30E-03	5.70E-03	2.82E-02	0.00E+00	5.93E-09	1.12E-02	9.11E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	2.82E-02
544	CARTGRID	1	371800	3762900	NonCancerAcute	5.73E-03	6.16E-03	3.05E-02	0.00E+00	6.42E-09	1.21E-02	9.84E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	3.05E-02
545	CARTGRID	1	371900	3762900	NonCancerAcute	6.20E-03	6.66E-03	3.30E-02	0.00E+00	7.12E-09	1.32E-02	1.09E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	3.30E-02
546	CARTGRID	1	372000	3762900	NonCancerAcute	6.85E-03	7.36E-03	3.65E-02	0.00E+00	8.05E-09	1.45E-02	1.22E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	3.65E-02
547	CARTGRID	1	372100	3762900	NonCancerAcute	8.19E-03	8.79E-03	4.33E-02	0.00E+00	1.04E-08	1.69E-02	1.53E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	4.33E-02
548	CARTGRID	1	372200	3762900	NonCancerAcute	9.20E-03	9.86E-03	4.88E-02	0.00E+00	1.18E-08	1.91E-02	1.74E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	9.21E-03	0.00E+00	0.00E+00	4.88E-02
549	CARTGRID	1	372300	3762900	NonCancerAcute	9.73E-03	1.04E-02	5.13E-02	0.00E+00	1.19E-08	1.98E-02	1.76E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	5.13E-02
550	CARTGRID	1	372400	3762900	NonCancerAcute	1.08E-02	1.16E-02	5.69E-02	0.00E+00	1.26E-08	2.18E-02	1.87E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.69E-02
551	CARTGRID	1	372500	3762900	NonCancerAcute	1.27E-02	1.36E-02	6.73E-02	0.00E+00	1.93E-08	2.63E-02	2.72E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.73E-02
552	CARTGRID	1	372600	3762900	NonCancerAcute	1.39E-02	1.49E-02	7.38E-02	0.00E+00	2.07E-08	2.86E-02	2.93E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	7.38E-02
553	CARTGRID	1	372700	3762900	NonCancerAcute	1.60E-02	1.71E-02	8.48E-02	0.00E+00	2.42E-08	3.31E-02	3.41E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	8.48E-02
554	CARTGRID	1	372800	3762900	NonCancerAcute	1.80E-02	1.92E-02	9.56E-02	0.00E+00	2.58E-08	3.75E-02	3.68E-02	0.00E+00	4.83E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	9.56E-02
555	CARTGRID	1	372900	3762900	NonCancerAcute	1.91E-02	2.05E-02	1.02E-01	0.00E+00	2.87E-08	4.00E-02	4.07E-02	0.00E+00	5.33E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.02E-01
556	CARTGRID	1	373000	3762900	NonCancerAcute	1.80E-02	1.93E-02	9.64E-02	0.00E+00	2.95E-08	3.87E-02	4.14E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	9.64E-02
557	CARTGRID	1	373100	3762900	NonCancerAcute	2.06E-02	2.23E-02	1.12E-01	0.00E+00	3.44E-08	4.60E-02	4.88E-02	0.00E+00	6.41E-02	0.00E+00	0.00E+00	2.38E-02	0.00E+00	0.00E+00	1.12E-01
558	CARTGRID	1	373200	3762900	NonCancerAcute	2.15E-02	2.34E-02	1.18E-01	0.00E+00	3.48E-08	5.08E-02	5.08E-02	0.00E+00	6.86E-02	0.00E+00	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.18E-01
559	CARTGRID	1	373300	3762900	NonCancerAcute	2.20E-02	2.42E-02	1.22E-01	0.00E+00	3.86E-08	5.44E-02	5.65E-02	0.00E+00	7.65E-02	0.00E+00	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.22E-01
560	CARTGRID	1	373400	3762900	NonCancerAcute	2.21E-02	2.44E-02	1.25E-01	0.00E+00	3.81E-08	5.77E-02	5.66E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.25E-01
561	CARTGRID	1	373500	3762900	NonCancerAcute	2.35E-02	2.57E-02	1.34E-01	0.00E+00	3.23E-08	6.14E-02	4.96E-02	0.00E+00	6.97E-02	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	1.34E-01
562	CARTGRID	1	373600	3762900	NonCancerAcute	2.50E-02	2.75E-02	1.47E-01	0.00E+00	3.30E-08	7.06E-02	5.19E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	1.47E-01
563	CARTGRID	1	373700	3762900	NonCancerAcute	2.57E-02	2.81E-02	1.56E-01	0.00E+00	4.12E-08	7.66E-02	6.08E-02	0.00E+00	8.27E-02	0.00E+00	0.00E+00	4.86E-02	0.00E+00	0.00E+00	1.56E-01
564	CARTGRID	1	373800	3762900	NonCancerAcute	2.73E-02	2.96E-02	1.67E-01	0.00E+00	4.08E-08	8.09E-02	5.98E-02	0.00E+00	8.07E-02	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	1.67E-01
565	CARTGRID	1	373900	3762900	NonCancerAcute	1.09E-01	1.12E-01	5.41E-01	0.00E+00	4.27E-08	1.56E-01	6.41E-02	0.00E+00	8.44E-02	0.00E+00	0.00E+00	4.46E-02	0.00E+00	0.00E+00	5.41E-01
566	CARTGRID	1	374000	3762900	NonCancerAcute	2.57E-02	2.82E-02	1.44E-01	0.00E+00	3.92E-08	6.40E-02	5.88E-02	0.00E+00	8.09E-02	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	1.44E-01
567	CARTGRID	1	374100	3762900	NonCancerAcute	2.08E-02	2.31E-02	1.17E-01	0.00E+00	3.29E-08	5.51E-02	5.11E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	3.20E-02	0.00E+00	0.00E+00	1.17E-01
568	CARTGRID	1	374200	3762900	NonCancerAcute	1.73E-02	1.95E-02	9.87E-02	0.00E+00	2.96E-08	4.85E-02	4.66E-02	0.00E+00	6.65E-02	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	9.87E-02
569	CARTGRID	1	374300	3762900	NonCancerAcute	1.36E-02	1.54E-02	7.79E-02	0.00E+00	2.40E-08	3.91E-02	3.82E-02	0.00E+00	5.49E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	7.79E-02
570	CARTGRID	1	374400	3762900	NonCancerAcute	1.08E-02	1.22E-02	6.16E-02	0.00E+00	1.82E-08	3.09E-02	2.93E-02	0.00E+00	4.25E-02	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	6.16E-02
571	CARTGRID	1	374500	3762900	NonCancerAcute	1.02E-02	1.16E-02	5.84E-02	0.00E+00	1.84E-08	2.89E-02	2.88E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	5.84E-02
572	CARTGRID	1	374600	3762900	NonCancerAcute	9.86E-03	1.11E-02	5.58E-02	0.00E+00	1.87E-08	2.69E-02	2.84E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	5.58E-02
573	CARTGRID	1	374700	3762900	NonCancerAcute	9.61E-03	1.07E-02	5.41E-02	0.00E+00	1.99E-08	2.54E-02	2.90E-02	0.00E+00	3.89E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	5.41E-02
574	CARTGRID	1	374800	3762900	NonCancerAcute	8.70E-03	9.67E-03	4.88E-02	0.00E+00	1.70E-08	2.28E-02	2.50E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	4.88E-02
575	CARTGRID	1	374900	3762900	NonCancerAcute	7.77E-03	8.63E-03	4.34E-02	0.00E+00	1.41E-08	2.01E-02	2.10E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.34E-02
576	CARTGRID	1	375000	3762900	NonCancerAcute	7.38E-03	8.16E-03	4.10E-02	0.00E+00	1.31E-08	1.86E-02	1.95E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.10E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
577	CARTGRID	1	371500	3763000	NonCancerAcute	4.78E-03	5.15E-03	2.54E-02	0.00E+00	5.40E-09	1.01E-02	8.29E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	2.54E-02
578	CARTGRID	1	371600	3763000	NonCancerAcute	5.07E-03	5.46E-03	2.70E-02	0.00E+00	5.77E-09	1.08E-02	8.86E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	2.70E-02
579	CARTGRID	1	371700	3763000	NonCancerAcute	5.41E-03	5.82E-03	2.88E-02	0.00E+00	6.15E-09	1.15E-02	9.44E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	2.88E-02
580	CARTGRID	1	371800	3763000	NonCancerAcute	5.83E-03	6.27E-03	3.10E-02	0.00E+00	6.54E-09	1.23E-02	1.01E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.06E-03	0.00E+00	0.00E+00	3.10E-02
581	CARTGRID	1	371900	3763000	NonCancerAcute	6.39E-03	6.88E-03	3.40E-02	0.00E+00	7.07E-09	1.35E-02	1.09E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	3.40E-02
582	CARTGRID	1	372000	3763000	NonCancerAcute	7.03E-03	7.57E-03	3.74E-02	0.00E+00	7.77E-09	1.49E-02	1.20E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	3.74E-02
583	CARTGRID	1	372100	3763000	NonCancerAcute	7.89E-03	8.47E-03	4.19E-02	0.00E+00	9.13E-09	1.66E-02	1.39E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	8.15E-03	0.00E+00	0.00E+00	4.19E-02
584	CARTGRID	1	372200	3763000	NonCancerAcute	9.73E-03	1.04E-02	5.16E-02	0.00E+00	1.31E-08	2.03E-02	1.91E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	9.89E-03	0.00E+00	0.00E+00	5.16E-02
585	CARTGRID	1	372300	3763000	NonCancerAcute	1.09E-02	1.17E-02	5.79E-02	0.00E+00	1.63E-08	2.28E-02	2.33E-02	0.00E+00	3.06E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.79E-02
586	CARTGRID	1	372400	3763000	NonCancerAcute	1.22E-02	1.30E-02	6.44E-02	0.00E+00	1.63E-08	2.48E-02	2.35E-02	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	6.44E-02
587	CARTGRID	1	372500	3763000	NonCancerAcute	1.38E-02	1.47E-02	7.26E-02	0.00E+00	1.88E-08	2.77E-02	2.68E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	7.26E-02
588	CARTGRID	1	372600	3763000	NonCancerAcute	1.58E-02	1.68E-02	8.31E-02	0.00E+00	2.28E-08	3.20E-02	3.22E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	8.31E-02
589	CARTGRID	1	372700	3763000	NonCancerAcute	1.79E-02	1.91E-02	9.46E-02	0.00E+00	2.52E-08	3.64E-02	3.58E-02	0.00E+00	4.70E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	9.46E-02
590	CARTGRID	1	372800	3763000	NonCancerAcute	2.12E-02	2.26E-02	1.12E-01	0.00E+00	2.67E-08	4.25E-02	3.87E-02	0.00E+00	5.16E-02	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.12E-01
591	CARTGRID	1	372900	3763000	NonCancerAcute	2.26E-02	2.42E-02	1.20E-01	0.00E+00	3.02E-08	4.66E-02	4.35E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.20E-01
592	CARTGRID	1	373000	3763000	NonCancerAcute	2.12E-02	2.28E-02	1.13E-01	0.00E+00	3.38E-08	4.52E-02	4.78E-02	0.00E+00	6.26E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.13E-01
593	CARTGRID	1	373100	3763000	NonCancerAcute	2.43E-02	2.62E-02	1.31E-01	0.00E+00	3.55E-08	5.39E-02	5.21E-02	0.00E+00	7.04E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.31E-01
594	CARTGRID	1	373200	3763000	NonCancerAcute	2.41E-02	2.63E-02	1.32E-01	0.00E+00	4.04E-08	5.71E-02	5.88E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.32E-01
595	CARTGRID	1	373300	3763000	NonCancerAcute	2.45E-02	2.70E-02	1.36E-01	0.00E+00	4.87E-08	6.07E-02	6.95E-02	0.00E+00	9.23E-02	0.00E+00	0.00E+00	3.38E-02	0.00E+00	0.00E+00	1.36E-01
596	CARTGRID	1	373400	3763000	NonCancerAcute	2.43E-02	2.67E-02	1.36E-01	0.00E+00	5.07E-08	6.19E-02	7.16E-02	0.00E+00	9.46E-02	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.36E-01
597	CARTGRID	1	373500	3763000	NonCancerAcute	2.70E-02	2.97E-02	1.58E-01	0.00E+00	3.75E-08	7.51E-02	5.76E-02	0.00E+00	8.13E-02	0.00E+00	0.00E+00	4.55E-02	0.00E+00	0.00E+00	1.58E-01
598	CARTGRID	1	373600	3763000	NonCancerAcute	2.90E-02	3.17E-02	1.74E-01	0.00E+00	4.45E-08	8.38E-02	6.53E-02	0.00E+00	8.91E-02	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	1.74E-01
599	CARTGRID	1	373700	3763000	NonCancerAcute	3.44E-02	3.70E-02	2.14E-01	0.00E+00	4.97E-08	1.03E-01	7.13E-02	0.00E+00	9.47E-02	0.00E+00	0.00E+00	6.60E-02	0.00E+00	0.00E+00	2.14E-01
600	CARTGRID	1	373800	3763000	NonCancerAcute	2.97E-02	3.20E-02	1.91E-01	0.00E+00	4.58E-08	9.57E-02	6.50E-02	0.00E+00	8.55E-02	0.00E+00	0.00E+00	6.38E-02	0.00E+00	0.00E+00	1.91E-01
601	CARTGRID	1	373900	3763000	NonCancerAcute	8.08E-02	8.31E-02	4.11E-01	0.00E+00	4.53E-08	1.30E-01	6.56E-02	0.00E+00	8.52E-02	0.00E+00	0.00E+00	4.67E-02	0.00E+00	0.00E+00	4.11E-01
602	CARTGRID	1	374000	3763000	NonCancerAcute	2.63E-02	2.87E-02	1.46E-01	0.00E+00	3.87E-08	6.42E-02	5.81E-02	0.00E+00	7.98E-02	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	1.46E-01
603	CARTGRID	1	374100	3763000	NonCancerAcute	1.87E-02	2.08E-02	1.06E-01	0.00E+00	3.36E-08	5.03E-02	5.06E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.06E-01
604	CARTGRID	1	374200	3763000	NonCancerAcute	1.48E-02	1.67E-02	8.45E-02	0.00E+00	2.73E-08	4.14E-02	4.20E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	2.47E-02	0.00E+00	0.00E+00	8.45E-02
605	CARTGRID	1	374300	3763000	NonCancerAcute	1.27E-02	1.42E-02	7.17E-02	0.00E+00	2.08E-08	3.46E-02	3.29E-02	0.00E+00	4.70E-02	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	7.17E-02
606	CARTGRID	1	374400	3763000	NonCancerAcute	1.14E-02	1.28E-02	6.44E-02	0.00E+00	2.03E-08	3.10E-02	3.12E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	6.44E-02
607	CARTGRID	1	374500	3763000	NonCancerAcute	1.06E-02	1.19E-02	6.01E-02	0.00E+00	1.96E-08	2.88E-02	2.98E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.01E-02
608	CARTGRID	1	374600	3763000	NonCancerAcute	1.01E-02	1.13E-02	5.69E-02	0.00E+00	1.90E-08	2.68E-02	2.85E-02	0.00E+00	3.91E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	5.69E-02
609	CARTGRID	1	374700	3763000	NonCancerAcute	9.66E-03	1.07E-02	5.43E-02	0.00E+00	2.00E-08	2.51E-02	2.87E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.43E-02
610	CARTGRID	1	374800	3763000	NonCancerAcute	8.94E-03	9.89E-03	5.01E-02	0.00E+00	1.79E-08	2.30E-02	2.59E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.01E-02
611	CARTGRID	1	374900	3763000	NonCancerAcute	7.92E-03	8.76E-03	4.41E-02	0.00E+00	1.44E-08	2.01E-02	2.13E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.41E-02
612	CARTGRID	1	375000	3763000	NonCancerAcute	7.35E-03	8.13E-03	4.11E-02	0.00E+00	1.42E-08	1.88E-02	2.07E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.11E-02
613	CARTGRID	1	371500	3763100	NonCancerAcute	4.92E-03	5.29E-03	2.61E-02	0.00E+00	5.47E-09	1.03E-02	8.42E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	2.61E-02
614	CARTGRID	1	371600	3763100	NonCancerAcute	5.27E-03	5.67E-03	2.79E-02	0.00E+00	5.80E-09	1.10E-02	8.96E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	2.79E-02
615	CARTGRID	1	371700	3763100	NonCancerAcute	5.58E-03	6.01E-03	2.96E-02	0.00E+00	6.14E-09	1.17E-02	9.53E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	2.96E-02
616	CARTGRID	1	371800	3763100	NonCancerAcute	6.09E-03	6.55E-03	3.22E-02	0.00E+00	6.55E-09	1.27E-02	1.02E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	3.22E-02
617	CARTGRID	1	371900	3763100	NonCancerAcute	6.64E-03	7.14E-03	3.51E-02	0.00E+00	7.18E-09	1.38E-02	1.11E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	3.51E-02
618	CARTGRID	1	372000	3763100	NonCancerAcute	7.42E-03	7.97E-03	3.92E-02	0.00E+00	8.02E-09	1.54E-02	1.24E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	7.45E-03	0.00E+00	0.00E+00	3.92E-02
619	CARTGRID	1	372100	3763100	NonCancerAcute	7.97E-03	8.57E-03	4.22E-02	0.00E+00	8.63E-09	1.66E-02	1.33E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	4.22E-02
620	CARTGRID	1	372200	3763100	NonCancerAcute	8.82E-03	9.48E-03	4.68E-02	0.00E+00	9.80E-09	1.85E-02	1.51E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	4.68E-02
621	CARTGRID	1	372300	3763100	NonCancerAcute	1.15E-02	1.23E-02	6.07E-02	0.00E+00	1.62E-08	2.38E-02	2.34E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	6.07E-02
622	CARTGRID	1	372400	3763100	NonCancerAcute	1.41E-02	1.51E-02	7.51E-02	0.00E+00	1.99E-08	2.95E-02	2.86E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	7.51E-02
623	CARTGRID	1	372500	3763100	NonCancerAcute	1.50E-02	1.60E-02	7.84E-02	0.00E+00	1.90E-08	2.97E-02	2.75E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	7.84E-02
624	CARTGRID	1	372600	3763100	NonCancerAcute	1.72E-02	1.84E-02	9.02E-02	0.00E+00	2.26E-08	3.39E-02	3.23E-02	0.00E+00	4.26E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	9.02E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
625	CARTGRID	1	372700	3763100	NonCancerAcute	1.95E-02	2.07E-02	1.02E-01	0.00E+00	2.45E-08	3.78E-02	3.51E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	1.02E-01
626	CARTGRID	1	372800	3763100	NonCancerAcute	2.53E-02	2.70E-02	1.33E-01	0.00E+00	2.84E-08	4.97E-02	4.19E-02	0.00E+00	5.66E-02	0.00E+00	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.33E-01
627	CARTGRID	1	372900	3763100	NonCancerAcute	2.64E-02	2.81E-02	1.38E-01	0.00E+00	3.23E-08	5.18E-02	4.69E-02	0.00E+00	6.25E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.38E-01
628	CARTGRID	1	373000	3763100	NonCancerAcute	2.64E-02	2.85E-02	1.41E-01	0.00E+00	2.94E-08	5.67E-02	4.58E-02	0.00E+00	6.46E-02	0.00E+00	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.41E-01
629	CARTGRID	1	373100	3763100	NonCancerAcute	2.70E-02	2.92E-02	1.45E-01	0.00E+00	3.77E-08	5.95E-02	5.59E-02	0.00E+00	7.61E-02	0.00E+00	0.00E+00	3.04E-02	0.00E+00	0.00E+00	1.45E-01
630	CARTGRID	1	373200	3763100	NonCancerAcute	2.64E-02	2.88E-02	1.44E-01	0.00E+00	5.29E-08	6.23E-02	7.46E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	1.44E-01
631	CARTGRID	1	373300	3763100	NonCancerAcute	2.71E-02	2.99E-02	1.50E-01	0.00E+00	6.40E-08	6.78E-02	8.88E-02	0.00E+00	1.15E-01	0.00E+00	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.50E-01
632	CARTGRID	1	373400	3763100	NonCancerAcute	2.62E-02	2.88E-02	1.46E-01	0.00E+00	5.78E-08	6.60E-02	8.04E-02	0.00E+00	1.05E-01	0.00E+00	0.00E+00	3.73E-02	0.00E+00	0.00E+00	1.46E-01
633	CARTGRID	1	373500	3763100	NonCancerAcute	3.16E-02	3.49E-02	1.78E-01	0.00E+00	5.35E-08	8.26E-02	7.87E-02	0.00E+00	1.09E-01	0.00E+00	0.00E+00	4.77E-02	0.00E+00	0.00E+00	1.78E-01
634	CARTGRID	1	373600	3763100	NonCancerAcute	3.36E-02	3.66E-02	1.90E-01	0.00E+00	6.61E-08	8.56E-02	9.18E-02	0.00E+00	1.20E-01	0.00E+00	0.00E+00	4.90E-02	0.00E+00	0.00E+00	1.90E-01
635	CARTGRID	1	373700	3763100	NonCancerAcute	3.71E-02	3.99E-02	2.16E-01	0.00E+00	6.95E-08	9.65E-02	9.45E-02	0.00E+00	1.20E-01	0.00E+00	0.00E+00	5.67E-02	0.00E+00	0.00E+00	2.16E-01
636	CARTGRID	1	373800	3763100	NonCancerAcute	4.26E-02	4.51E-02	2.47E-01	0.00E+00	6.30E-08	1.06E-01	8.61E-02	0.00E+00	1.09E-01	0.00E+00	0.00E+00	6.08E-02	0.00E+00	0.00E+00	2.47E-01
637	CARTGRID	1	373900	3763100	NonCancerAcute	6.97E-02	7.21E-02	3.56E-01	0.00E+00	5.34E-08	1.17E-01	7.57E-02	0.00E+00	9.75E-02	0.00E+00	0.00E+00	4.47E-02	0.00E+00	0.00E+00	3.56E-01
638	CARTGRID	1	374000	3763100	NonCancerAcute	2.57E-02	2.80E-02	1.41E-01	0.00E+00	4.88E-08	6.09E-02	6.88E-02	0.00E+00	9.00E-02	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.41E-01
639	CARTGRID	1	374100	3763100	NonCancerAcute	1.83E-02	2.02E-02	1.02E-01	0.00E+00	3.63E-08	4.63E-02	5.24E-02	0.00E+00	7.00E-02	0.00E+00	0.00E+00	2.61E-02	0.00E+00	0.00E+00	1.02E-01
640	CARTGRID	1	374200	3763100	NonCancerAcute	1.52E-02	1.69E-02	8.49E-02	0.00E+00	2.82E-08	3.93E-02	4.19E-02	0.00E+00	5.72E-02	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	8.49E-02
641	CARTGRID	1	374300	3763100	NonCancerAcute	1.25E-02	1.40E-02	7.04E-02	0.00E+00	2.20E-08	3.30E-02	3.34E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	7.04E-02
642	CARTGRID	1	374400	3763100	NonCancerAcute	1.16E-02	1.29E-02	6.51E-02	0.00E+00	2.20E-08	3.05E-02	3.28E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	6.51E-02
643	CARTGRID	1	374500	3763100	NonCancerAcute	1.16E-02	1.28E-02	6.45E-02	0.00E+00	2.22E-08	2.96E-02	3.26E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	6.45E-02
644	CARTGRID	1	374600	3763100	NonCancerAcute	1.04E-02	1.16E-02	5.82E-02	0.00E+00	2.01E-08	2.66E-02	2.94E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	5.82E-02
645	CARTGRID	1	374700	3763100	NonCancerAcute	9.95E-03	1.10E-02	5.54E-02	0.00E+00	2.16E-08	2.49E-02	3.04E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	5.54E-02
646	CARTGRID	1	374800	3763100	NonCancerAcute	8.39E-03	9.24E-03	4.69E-02	0.00E+00	2.05E-08	2.12E-02	2.82E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	4.69E-02
647	CARTGRID	1	374900	3763100	NonCancerAcute	8.20E-03	9.01E-03	4.56E-02	0.00E+00	1.80E-08	2.05E-02	2.52E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.56E-02
648	CARTGRID	1	375000	3763100	NonCancerAcute	7.31E-03	8.08E-03	4.07E-02	0.00E+00	1.42E-08	1.86E-02	2.07E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.07E-02
649	CARTGRID	1	371500	3763200	NonCancerAcute	5.08E-03	5.46E-03	2.69E-02	0.00E+00	5.52E-09	1.06E-02	8.55E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	2.69E-02
650	CARTGRID	1	371600	3763200	NonCancerAcute	5.46E-03	5.86E-03	2.88E-02	0.00E+00	5.91E-09	1.13E-02	9.15E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	2.88E-02
651	CARTGRID	1	371700	3763200	NonCancerAcute	5.86E-03	6.30E-03	3.09E-02	0.00E+00	6.34E-09	1.21E-02	9.82E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	3.09E-02
652	CARTGRID	1	371800	3763200	NonCancerAcute	6.23E-03	6.71E-03	3.30E-02	0.00E+00	6.81E-09	1.30E-02	1.06E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.30E-03	0.00E+00	0.00E+00	3.30E-02
653	CARTGRID	1	371900	3763200	NonCancerAcute	6.86E-03	7.37E-03	3.62E-02	0.00E+00	7.31E-09	1.42E-02	1.14E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	3.62E-02
654	CARTGRID	1	372000	3763200	NonCancerAcute	7.98E-03	8.57E-03	4.21E-02	0.00E+00	8.52E-09	1.65E-02	1.32E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	7.91E-03	0.00E+00	0.00E+00	4.21E-02
655	CARTGRID	1	372100	3763200	NonCancerAcute	9.18E-03	9.85E-03	4.83E-02	0.00E+00	1.01E-08	1.87E-02	1.54E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	8.90E-03	0.00E+00	0.00E+00	4.83E-02
656	CARTGRID	1	372200	3763200	NonCancerAcute	9.51E-03	1.02E-02	5.02E-02	0.00E+00	9.84E-09	1.96E-02	1.54E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	5.02E-02
657	CARTGRID	1	372300	3763200	NonCancerAcute	1.03E-02	1.10E-02	5.43E-02	0.00E+00	1.05E-08	2.12E-02	1.65E-02	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.43E-02
658	CARTGRID	1	372400	3763200	NonCancerAcute	1.25E-02	1.33E-02	6.55E-02	0.00E+00	1.38E-08	2.53E-02	2.10E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	6.55E-02
659	CARTGRID	1	372500	3763200	NonCancerAcute	1.61E-02	1.72E-02	8.46E-02	0.00E+00	2.06E-08	3.23E-02	3.01E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	8.46E-02
660	CARTGRID	1	372600	3763200	NonCancerAcute	2.15E-02	2.29E-02	1.13E-01	0.00E+00	2.32E-08	4.26E-02	3.47E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.13E-01
661	CARTGRID	1	372700	3763200	NonCancerAcute	2.54E-02	2.70E-02	1.32E-01	0.00E+00	2.64E-08	4.85E-02	3.92E-02	0.00E+00	5.31E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.32E-01
662	CARTGRID	1	372800	3763200	NonCancerAcute	3.09E-02	3.27E-02	1.60E-01	0.00E+00	2.98E-08	5.80E-02	4.48E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.60E-01
663	CARTGRID	1	372900	3763200	NonCancerAcute	3.63E-02	3.84E-02	1.88E-01	0.00E+00	3.21E-08	6.78E-02	4.91E-02	0.00E+00	6.77E-02	0.00E+00	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.88E-01
664	CARTGRID	1	373000	3763200	NonCancerAcute	3.17E-02	3.40E-02	1.68E-01	0.00E+00	3.46E-08	6.54E-02	5.29E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	3.15E-02	0.00E+00	0.00E+00	1.68E-01
665	CARTGRID	1	373100	3763200	NonCancerAcute	3.18E-02	3.45E-02	1.72E-01	0.00E+00	4.18E-08	7.15E-02	6.36E-02	0.00E+00	8.83E-02	0.00E+00	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.72E-01
666	CARTGRID	1	373200	3763200	NonCancerAcute	2.89E-02	3.16E-02	1.58E-01	0.00E+00	7.13E-08	6.78E-02	9.61E-02	0.00E+00	1.21E-01	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	1.58E-01
667	CARTGRID	1	373300	3763200	NonCancerAcute	2.96E-02	3.26E-02	1.63E-01	0.00E+00	9.06E-08	7.25E-02	1.20E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	1.63E-01
668	CARTGRID	1	373400	3763200	NonCancerAcute	3.24E-02	3.56E-02	1.79E-01	0.00E+00	7.47E-08	7.92E-02	1.03E-01	0.00E+00	1.33E-01	0.00E+00	0.00E+00	4.36E-02	0.00E+00	0.00E+00	1.79E-01
669	CARTGRID	1	373500	3763200	NonCancerAcute	3.94E-02	4.46E-02	2.11E-01	0.00E+00	1.08E-07	9.89E-02	1.49E-01	0.00E+00	1.99E-01	0.00E+00	0.00E+00	5.41E-02	0.00E+00	0.00E+00	2.11E-01
670	CARTGRID	1	373600	3763200	NonCancerAcute	4.22E-02	4.55E-02	2.28E-01	0.00E+00	8.76E-08	9.33E-02	1.17E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	4.78E-02	0.00E+00	0.00E+00	2.28E-01
671	CARTGRID	1	373700	3763200	NonCancerAcute	4.98E-02	5.24E-02	2.64E-01	0.00E+00	8.60E-08	9.73E-02	1.13E-01	0.00E+00	1.37E-01	0.00E+00	0.00E+00	4.50E-02	0.00E+00	0.00E+00	2.64E-01
672	CARTGRID	1	373800	3763200	NonCancerAcute	9.93E-02	1.02E-01	4.98E-01	0.00E+00	7.43E-08	1.50E-01	9.92E-02	0.00E+00	1.21E-01	0.00E+00	0.00E+00	4.82E-02	0.00E+00	0.00E+00	4.98E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
673	CARTGRID	1	373900	3763200	NonCancerAcute	4.17E-02	4.42E-02	2.23E-01	0.00E+00	1.31E-07	8.49E-02	1.63E-01	0.00E+00	1.88E-01	0.00E+00	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.23E-01
674	CARTGRID	1	374000	3763200	NonCancerAcute	2.57E-02	2.79E-02	1.41E-01	0.00E+00	9.37E-08	6.01E-02	1.19E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	3.22E-02	0.00E+00	0.00E+00	1.41E-01
675	CARTGRID	1	374100	3763200	NonCancerAcute	1.71E-02	1.88E-02	9.52E-02	0.00E+00	4.45E-08	4.25E-02	6.04E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	9.52E-02
676	CARTGRID	1	374200	3763200	NonCancerAcute	1.39E-02	1.53E-02	7.74E-02	0.00E+00	2.78E-08	3.46E-02	3.97E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	7.74E-02
677	CARTGRID	1	374300	3763200	NonCancerAcute	1.28E-02	1.42E-02	7.14E-02	0.00E+00	2.55E-08	3.25E-02	3.69E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	7.14E-02
678	CARTGRID	1	374400	3763200	NonCancerAcute	1.26E-02	1.39E-02	7.00E-02	0.00E+00	2.60E-08	3.16E-02	3.71E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	7.00E-02
679	CARTGRID	1	374500	3763200	NonCancerAcute	1.18E-02	1.30E-02	6.58E-02	0.00E+00	2.56E-08	2.96E-02	3.60E-02	0.00E+00	4.70E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	6.58E-02
680	CARTGRID	1	374600	3763200	NonCancerAcute	1.04E-02	1.15E-02	5.78E-02	0.00E+00	2.06E-08	2.61E-02	2.97E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.78E-02
681	CARTGRID	1	374700	3763200	NonCancerAcute	1.02E-02	1.11E-02	5.60E-02	0.00E+00	2.12E-08	2.46E-02	2.98E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.60E-02
682	CARTGRID	1	374800	3763200	NonCancerAcute	9.39E-03	1.02E-02	5.17E-02	0.00E+00	2.05E-08	2.24E-02	2.82E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.17E-02
683	CARTGRID	1	374900	3763200	NonCancerAcute	7.33E-03	8.02E-03	4.07E-02	0.00E+00	1.90E-08	1.80E-02	2.57E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	9.97E-03	0.00E+00	0.00E+00	4.07E-02
684	CARTGRID	1	375000	3763200	NonCancerAcute	7.73E-03	8.45E-03	4.28E-02	0.00E+00	1.78E-08	1.88E-02	2.44E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.28E-02
685	CARTGRID	1	371500	3763300	NonCancerAcute	5.19E-03	5.58E-03	2.75E-02	0.00E+00	5.47E-09	1.08E-02	8.55E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	2.75E-02
686	CARTGRID	1	371600	3763300	NonCancerAcute	5.60E-03	6.02E-03	2.96E-02	0.00E+00	5.82E-09	1.17E-02	9.12E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.96E-02
687	CARTGRID	1	371700	3763300	NonCancerAcute	6.03E-03	6.48E-03	3.19E-02	0.00E+00	6.24E-09	1.26E-02	9.78E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.07E-03	0.00E+00	0.00E+00	3.19E-02
688	CARTGRID	1	371800	3763300	NonCancerAcute	6.50E-03	6.99E-03	3.44E-02	0.00E+00	6.73E-09	1.35E-02	1.05E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	3.44E-02
689	CARTGRID	1	371900	3763300	NonCancerAcute	7.08E-03	7.61E-03	3.75E-02	0.00E+00	7.28E-09	1.47E-02	1.14E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	7.12E-03	0.00E+00	0.00E+00	3.75E-02
690	CARTGRID	1	372000	3763300	NonCancerAcute	7.83E-03	8.41E-03	4.14E-02	0.00E+00	7.94E-09	1.62E-02	1.25E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	4.14E-02
691	CARTGRID	1	372100	3763300	NonCancerAcute	9.34E-03	1.00E-02	4.93E-02	0.00E+00	9.82E-09	1.92E-02	1.53E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	9.19E-03	0.00E+00	0.00E+00	4.93E-02
692	CARTGRID	1	372200	3763300	NonCancerAcute	1.08E-02	1.16E-02	5.69E-02	0.00E+00	1.17E-08	2.20E-02	1.80E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.69E-02
693	CARTGRID	1	372300	3763300	NonCancerAcute	1.18E-02	1.27E-02	6.22E-02	0.00E+00	1.22E-08	2.41E-02	1.90E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	6.22E-02
694	CARTGRID	1	372400	3763300	NonCancerAcute	1.29E-02	1.39E-02	6.82E-02	0.00E+00	1.32E-08	2.64E-02	2.06E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.82E-02
695	CARTGRID	1	372500	3763300	NonCancerAcute	1.46E-02	1.56E-02	7.68E-02	0.00E+00	1.40E-08	2.96E-02	2.21E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	7.68E-02
696	CARTGRID	1	372600	3763300	NonCancerAcute	2.09E-02	2.23E-02	1.09E-01	0.00E+00	2.50E-08	4.14E-02	3.69E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	1.09E-01
697	CARTGRID	1	372700	3763300	NonCancerAcute	2.82E-02	3.00E-02	1.47E-01	0.00E+00	2.69E-08	5.46E-02	4.13E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.47E-01
698	CARTGRID	1	372800	3763300	NonCancerAcute	4.00E-02	4.23E-02	2.06E-01	0.00E+00	2.95E-08	7.28E-02	4.71E-02	0.00E+00	6.68E-02	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	2.06E-01
699	CARTGRID	1	372900	3763300	NonCancerAcute	6.07E-02	6.31E-02	3.04E-01	0.00E+00	3.25E-08	9.66E-02	5.16E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	3.04E-01
700	CARTGRID	1	373000	3763300	NonCancerAcute	4.21E-02	4.46E-02	2.18E-01	0.00E+00	3.77E-08	8.01E-02	5.82E-02	0.00E+00	8.13E-02	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	2.18E-01
701	CARTGRID	1	373100	3763300	NonCancerAcute	3.63E-02	3.90E-02	1.94E-01	0.00E+00	4.60E-08	7.69E-02	6.82E-02	0.00E+00	9.29E-02	0.00E+00	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.94E-01
702	CARTGRID	1	373200	3763300	NonCancerAcute	3.33E-02	3.61E-02	1.81E-01	0.00E+00	7.43E-08	7.53E-02	1.00E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	3.93E-02	0.00E+00	0.00E+00	1.81E-01
703	CARTGRID	1	373300	3763300	NonCancerAcute	3.13E-02	3.41E-02	1.73E-01	0.00E+00	1.33E-07	7.42E-02	1.67E-01	0.00E+00	1.96E-01	0.00E+00	0.00E+00	4.02E-02	0.00E+00	0.00E+00	1.96E-01
704	CARTGRID	1	373400	3763300	NonCancerAcute	4.20E-02	4.52E-02	2.29E-01	0.00E+00	1.78E-07	9.48E-02	2.20E-01	0.00E+00	2.55E-01	0.00E+00	0.00E+00	4.97E-02	0.00E+00	0.00E+00	2.55E-01
705	CARTGRID	1	373500	3763300	NonCancerAcute	4.27E-02	4.65E-02	2.34E-01	0.00E+00	2.24E-07	1.01E-01	2.75E-01	0.00E+00	3.16E-01	0.00E+00	0.00E+00	5.42E-02	0.00E+00	0.00E+00	3.16E-01
706	CARTGRID	1	373600	3763300	NonCancerAcute	7.33E-02	7.77E-02	3.75E-01	0.00E+00	1.35E-07	1.34E-01	1.77E-01	0.00E+00	2.20E-01	0.00E+00	0.00E+00	5.63E-02	0.00E+00	0.00E+00	3.75E-01
707	CARTGRID	1	373700	3763300	NonCancerAcute	4.66E-02	4.94E-02	2.49E-01	0.00E+00	1.15E-07	9.50E-02	1.46E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	2.49E-01
708	CARTGRID	1	373800	3763300	NonCancerAcute	3.64E-02	3.88E-02	1.99E-01	0.00E+00	2.94E-07	8.04E-02	3.47E-01	0.00E+00	3.79E-01	0.00E+00	0.00E+00	4.16E-02	0.00E+00	0.00E+00	3.79E-01
709	CARTGRID	1	373900	3763300	NonCancerAcute	3.08E-02	3.35E-02	1.72E-01	0.00E+00	2.30E-07	7.52E-02	2.76E-01	0.00E+00	3.07E-01	0.00E+00	0.00E+00	4.18E-02	0.00E+00	0.00E+00	3.07E-01
710	CARTGRID	1	374000	3763300	NonCancerAcute	2.04E-02	2.24E-02	1.14E-01	0.00E+00	1.00E-07	5.04E-02	1.25E-01	0.00E+00	1.45E-01	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.45E-01
711	CARTGRID	1	374100	3763300	NonCancerAcute	1.63E-02	1.79E-02	9.05E-02	0.00E+00	5.34E-08	4.00E-02	6.96E-02	0.00E+00	8.48E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	9.05E-02
712	CARTGRID	1	374200	3763300	NonCancerAcute	1.33E-02	1.46E-02	7.38E-02	0.00E+00	3.03E-08	3.30E-02	4.21E-02	0.00E+00	5.42E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	7.38E-02
713	CARTGRID	1	374300	3763300	NonCancerAcute	1.17E-02	1.29E-02	6.55E-02	0.00E+00	2.45E-08	2.98E-02	3.49E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	6.55E-02
714	CARTGRID	1	374400	3763300	NonCancerAcute	1.17E-02	1.29E-02	6.51E-02	0.00E+00	2.50E-08	2.94E-02	3.53E-02	0.00E+00	4.63E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	6.51E-02
715	CARTGRID	1	374500	3763300	NonCancerAcute	1.24E-02	1.35E-02	6.83E-02	0.00E+00	2.83E-08	2.94E-02	3.84E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	6.83E-02
716	CARTGRID	1	374600	3763300	NonCancerAcute	1.02E-02	1.12E-02	5.66E-02	0.00E+00	2.03E-08	2.53E-02	2.90E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	5.66E-02
717	CARTGRID	1	374700	3763300	NonCancerAcute	9.52E-03	1.05E-02	5.30E-02	0.00E+00	1.96E-08	2.37E-02	2.78E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.30E-02
718	CARTGRID	1	374800	3763300	NonCancerAcute	8.88E-03	9.74E-03	4.93E-02	0.00E+00	1.94E-08	2.19E-02	2.71E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	4.93E-02
719	CARTGRID	1	374900	3763300	NonCancerAcute	7.84E-03	8.56E-03	4.34E-02	0.00E+00	1.94E-08	1.90E-02	2.63E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.34E-02
720	CARTGRID	1	375000	3763300	NonCancerAcute	6.37E-03	6.96E-03	3.52E-02	0.00E+00	1.77E-08	1.54E-02	2.35E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	8.49E-03	0.00E+00	0.00E+00	3.52E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
721	CARTGRID	1	371500	3763400	NonCancerAcute	5.29E-03	5.69E-03	2.81E-02	0.00E+00	5.59E-09	1.11E-02	8.72E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	2.81E-02
722	CARTGRID	1	371600	3763400	NonCancerAcute	5.61E-03	6.03E-03	2.98E-02	0.00E+00	5.95E-09	1.18E-02	9.31E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	2.98E-02
723	CARTGRID	1	371700	3763400	NonCancerAcute	6.07E-03	6.53E-03	3.22E-02	0.00E+00	6.36E-09	1.28E-02	9.98E-03	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	3.22E-02
724	CARTGRID	1	371800	3763400	NonCancerAcute	6.60E-03	7.10E-03	3.51E-02	0.00E+00	6.82E-09	1.40E-02	1.07E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	3.51E-02
725	CARTGRID	1	371900	3763400	NonCancerAcute	7.14E-03	7.68E-03	3.80E-02	0.00E+00	7.37E-09	1.52E-02	1.16E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.48E-03	0.00E+00	0.00E+00	3.80E-02
726	CARTGRID	1	372000	3763400	NonCancerAcute	7.94E-03	8.55E-03	4.22E-02	0.00E+00	8.01E-09	1.69E-02	1.27E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	4.22E-02
727	CARTGRID	1	372100	3763400	NonCancerAcute	8.90E-03	9.59E-03	4.74E-02	0.00E+00	8.91E-09	1.89E-02	1.42E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	9.36E-03	0.00E+00	0.00E+00	4.74E-02
728	CARTGRID	1	372200	3763400	NonCancerAcute	1.05E-02	1.13E-02	5.58E-02	0.00E+00	1.06E-08	2.21E-02	1.69E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.58E-02
729	CARTGRID	1	372300	3763400	NonCancerAcute	1.30E-02	1.40E-02	6.86E-02	0.00E+00	1.36E-08	2.71E-02	2.14E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.86E-02
730	CARTGRID	1	372400	3763400	NonCancerAcute	1.57E-02	1.69E-02	8.30E-02	0.00E+00	1.98E-08	3.26E-02	2.96E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	8.30E-02
731	CARTGRID	1	372500	3763400	NonCancerAcute	1.69E-02	1.81E-02	8.82E-02	0.00E+00	1.58E-08	3.39E-02	2.52E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	8.82E-02
732	CARTGRID	1	372600	3763400	NonCancerAcute	1.96E-02	2.10E-02	1.03E-01	0.00E+00	1.75E-08	3.92E-02	2.82E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	1.03E-01
733	CARTGRID	1	372700	3763400	NonCancerAcute	2.45E-02	2.62E-02	1.28E-01	0.00E+00	2.16E-08	4.84E-02	3.48E-02	0.00E+00	4.99E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.28E-01
734	CARTGRID	1	372800	3763400	NonCancerAcute	3.91E-02	4.13E-02	2.01E-01	0.00E+00	3.04E-08	7.16E-02	4.80E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	3.03E-02	0.00E+00	0.00E+00	2.01E-01
735	CARTGRID	1	372900	3763400	NonCancerAcute	5.44E-02	5.70E-02	2.75E-01	0.00E+00	3.25E-08	9.23E-02	5.29E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	3.53E-02	0.00E+00	0.00E+00	2.75E-01
736	CARTGRID	1	373000	3763400	NonCancerAcute	9.08E-02	9.36E-02	4.49E-01	0.00E+00	4.05E-08	1.35E-01	6.38E-02	0.00E+00	8.81E-02	0.00E+00	0.00E+00	4.15E-02	0.00E+00	0.00E+00	4.49E-01
737	CARTGRID	1	373100	3763400	NonCancerAcute	4.46E-02	4.72E-02	2.32E-01	0.00E+00	5.22E-08	8.47E-02	7.50E-02	0.00E+00	9.92E-02	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	2.32E-01
738	CARTGRID	1	373200	3763400	NonCancerAcute	3.49E-02	3.76E-02	1.90E-01	0.00E+00	7.61E-08	7.86E-02	1.02E-01	0.00E+00	1.28E-01	0.00E+00	0.00E+00	4.12E-02	0.00E+00	0.00E+00	1.90E-01
739	CARTGRID	1	373300	3763400	NonCancerAcute	3.56E-02	3.85E-02	1.98E-01	0.00E+00	1.38E-07	8.52E-02	1.73E-01	0.00E+00	2.04E-01	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	2.04E-01
740	CARTGRID	1	373400	3763400	NonCancerAcute	3.98E-02	4.30E-02	2.29E-01	0.00E+00	2.44E-07	1.02E-01	2.96E-01	0.00E+00	3.39E-01	0.00E+00	0.00E+00	5.89E-02	0.00E+00	0.00E+00	3.39E-01
741	CARTGRID	1	373500	3763400	NonCancerAcute	5.88E-02	6.21E-02	3.21E-01	0.00E+00	4.18E-07	1.25E-01	4.91E-01	0.00E+00	5.36E-01	0.00E+00	0.00E+00	6.31E-02	0.00E+00	0.00E+00	5.36E-01
742	CARTGRID	1	373600	3763400	NonCancerAcute	4.45E-02	4.76E-02	2.53E-01	0.00E+00	2.96E-07	1.08E-01	3.53E-01	0.00E+00	3.90E-01	0.00E+00	0.00E+00	6.08E-02	0.00E+00	0.00E+00	3.90E-01
743	CARTGRID	1	373700	3763400	NonCancerAcute	3.33E-02	3.62E-02	1.93E-01	0.00E+00	7.15E-07	8.70E-02	8.23E-01	0.00E+00	8.74E-01	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	8.74E-01
744	CARTGRID	1	373800	3763400	NonCancerAcute	2.99E-02	3.24E-02	1.70E-01	0.00E+00	4.54E-07	7.43E-02	5.27E-01	0.00E+00	5.65E-01	0.00E+00	0.00E+00	4.20E-02	0.00E+00	0.00E+00	5.65E-01
745	CARTGRID	1	373900	3763400	NonCancerAcute	2.51E-02	2.74E-02	1.41E-01	0.00E+00	2.31E-07	6.34E-02	2.75E-01	0.00E+00	3.03E-01	0.00E+00	0.00E+00	3.61E-02	0.00E+00	0.00E+00	3.03E-01
746	CARTGRID	1	374000	3763400	NonCancerAcute	1.77E-02	1.95E-02	1.00E-01	0.00E+00	1.01E-07	4.58E-02	1.25E-01	0.00E+00	1.44E-01	0.00E+00	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.44E-01
747	CARTGRID	1	374100	3763400	NonCancerAcute	1.49E-02	1.64E-02	8.34E-02	0.00E+00	5.52E-08	3.75E-02	7.11E-02	0.00E+00	8.56E-02	0.00E+00	0.00E+00	2.12E-02	0.00E+00	0.00E+00	8.56E-02
748	CARTGRID	1	374200	3763400	NonCancerAcute	1.32E-02	1.44E-02	7.32E-02	0.00E+00	3.35E-08	3.22E-02	4.53E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	7.32E-02
749	CARTGRID	1	374300	3763400	NonCancerAcute	1.21E-02	1.33E-02	6.71E-02	0.00E+00	2.56E-08	2.96E-02	3.59E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	6.71E-02
750	CARTGRID	1	374400	3763400	NonCancerAcute	1.17E-02	1.28E-02	6.48E-02	0.00E+00	2.42E-08	2.88E-02	3.42E-02	0.00E+00	4.47E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	6.48E-02
751	CARTGRID	1	374500	3763400	NonCancerAcute	1.10E-02	1.19E-02	6.10E-02	0.00E+00	2.91E-08	2.66E-02	3.87E-02	0.00E+00	4.80E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.10E-02
752	CARTGRID	1	374600	3763400	NonCancerAcute	1.00E-02	1.10E-02	5.56E-02	0.00E+00	2.17E-08	2.47E-02	3.03E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.56E-02
753	CARTGRID	1	374700	3763400	NonCancerAcute	9.35E-03	1.03E-02	5.17E-02	0.00E+00	1.94E-08	2.28E-02	2.73E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.17E-02
754	CARTGRID	1	374800	3763400	NonCancerAcute	8.84E-03	9.68E-03	4.88E-02	0.00E+00	1.93E-08	2.14E-02	2.69E-02	0.00E+00	3.47E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.88E-02
755	CARTGRID	1	374900	3763400	NonCancerAcute	8.09E-03	8.86E-03	4.49E-02	0.00E+00	1.86E-08	1.98E-02	2.56E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.49E-02
756	CARTGRID	1	375000	3763400	NonCancerAcute	7.43E-03	8.12E-03	4.12E-02	0.00E+00	1.79E-08	1.81E-02	2.44E-02	0.00E+00	3.09E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.12E-02
757	CARTGRID	1	371500	3763500	NonCancerAcute	5.31E-03	5.72E-03	2.82E-02	0.00E+00	5.66E-09	1.12E-02	8.85E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	2.82E-02
758	CARTGRID	1	371600	3763500	NonCancerAcute	5.75E-03	6.18E-03	3.05E-02	0.00E+00	6.03E-09	1.21E-02	9.45E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	3.05E-02
759	CARTGRID	1	371700	3763500	NonCancerAcute	6.15E-03	6.62E-03	3.27E-02	0.00E+00	6.45E-09	1.30E-02	1.01E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	3.27E-02
760	CARTGRID	1	371800	3763500	NonCancerAcute	6.67E-03	7.18E-03	3.55E-02	0.00E+00	6.92E-09	1.42E-02	1.09E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	3.55E-02
761	CARTGRID	1	371900	3763500	NonCancerAcute	7.31E-03	7.87E-03	3.89E-02	0.00E+00	7.46E-09	1.55E-02	1.19E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	7.67E-03	0.00E+00	0.00E+00	3.89E-02
762	CARTGRID	1	372000	3763500	NonCancerAcute	8.04E-03	8.67E-03	4.27E-02	0.00E+00	8.09E-09	1.71E-02	1.29E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.41E-03	0.00E+00	0.00E+00	4.27E-02
763	CARTGRID	1	372100	3763500	NonCancerAcute	9.02E-03	9.73E-03	4.78E-02	0.00E+00	8.87E-09	1.91E-02	1.43E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	9.40E-03	0.00E+00	0.00E+00	4.78E-02
764	CARTGRID	1	372200	3763500	NonCancerAcute	1.03E-02	1.11E-02	5.45E-02	0.00E+00	1.00E-08	2.19E-02	1.63E-02	0.00E+00	2.36E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.45E-02
765	CARTGRID	1	372300	3763500	NonCancerAcute	1.20E-02	1.29E-02	6.36E-02	0.00E+00	1.17E-08	2.56E-02	1.90E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.36E-02
766	CARTGRID	1	372400	3763500	NonCancerAcute	1.61E-02	1.74E-02	8.53E-02	0.00E+00	1.94E-08	3.42E-02	2.98E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	8.53E-02
767	CARTGRID	1	372500	3763500	NonCancerAcute	1.86E-02	2.01E-02	9.81E-02	0.00E+00	1.90E-08	3.91E-02	3.05E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	9.81E-02
768	CARTGRID	1	372600	3763500	NonCancerAcute	2.28E-02	2.46E-02	1.20E-01	0.00E+00	2.46E-08	4.68E-02	3.85E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.20E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
769	CARTGRID	1	372700	3763500	NonCancerAcute	2.62E-02	2.83E-02	1.37E-01	0.00E+00	2.65E-08	5.41E-02	4.26E-02	0.00E+00	6.12E-02	0.00E+00	0.00E+00	2.58E-02	0.00E+00	0.00E+00	1.37E-01
770	CARTGRID	1	372800	3763500	NonCancerAcute	3.99E-02	4.24E-02	2.06E-01	0.00E+00	3.10E-08	7.42E-02	5.01E-02	0.00E+00	7.17E-02	0.00E+00	0.00E+00	3.19E-02	0.00E+00	0.00E+00	2.06E-01
771	CARTGRID	1	372900	3763500	NonCancerAcute	5.45E-02	5.75E-02	2.78E-01	0.00E+00	3.33E-08	9.68E-02	5.61E-02	0.00E+00	8.22E-02	0.00E+00	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.78E-01
772	CARTGRID	1	373000	3763500	NonCancerAcute	4.27E-02	4.57E-02	2.25E-01	0.00E+00	4.08E-08	8.58E-02	6.40E-02	0.00E+00	9.02E-02	0.00E+00	0.00E+00	4.02E-02	0.00E+00	0.00E+00	2.25E-01
773	CARTGRID	1	373100	3763500	NonCancerAcute	7.47E-02	7.76E-02	3.76E-01	0.00E+00	5.03E-08	1.21E-01	7.47E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	3.76E-01
774	CARTGRID	1	373200	3763500	NonCancerAcute	4.38E-02	4.68E-02	2.37E-01	0.00E+00	8.13E-08	9.45E-02	1.10E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	4.77E-02	0.00E+00	0.00E+00	2.37E-01
775	CARTGRID	1	373300	3763500	NonCancerAcute	4.15E-02	4.47E-02	2.48E-01	0.00E+00	1.26E-07	1.14E-01	1.60E-01	0.00E+00	1.91E-01	0.00E+00	0.00E+00	6.95E-02	0.00E+00	0.00E+00	2.48E-01
776	CARTGRID	1	373400	3763500	NonCancerAcute	4.63E-02	4.92E-02	2.67E-01	0.00E+00	1.32E-07	1.14E-01	1.66E-01	0.00E+00	1.99E-01	0.00E+00	0.00E+00	6.48E-02	0.00E+00	0.00E+00	2.67E-01
777	CARTGRID	1	373500	3763500	NonCancerAcute	6.86E-02	7.16E-02	3.76E-01	0.00E+00	3.72E-07	1.42E-01	4.38E-01	0.00E+00	4.77E-01	0.00E+00	0.00E+00	7.02E-02	0.00E+00	0.00E+00	4.77E-01
778	CARTGRID	1	373600	3763500	NonCancerAcute	3.24E-02	3.48E-02	1.87E-01	0.00E+00	2.47E-07	8.20E-02	2.92E-01	0.00E+00	3.21E-01	0.00E+00	0.00E+00	4.73E-02	0.00E+00	0.00E+00	3.21E-01
779	CARTGRID	1	373700	3763500	NonCancerAcute	2.91E-02	3.16E-02	1.75E-01	0.00E+00	7.69E-07	8.16E-02	8.82E-01	0.00E+00	9.31E-01	0.00E+00	0.00E+00	5.02E-02	0.00E+00	0.00E+00	9.31E-01
780	CARTGRID	1	373800	3763500	NonCancerAcute	2.61E-02	2.86E-02	1.51E-01	0.00E+00	3.81E-07	6.99E-02	4.45E-01	0.00E+00	4.80E-01	0.00E+00	0.00E+00	4.14E-02	0.00E+00	0.00E+00	4.80E-01
781	CARTGRID	1	373900	3763500	NonCancerAcute	2.27E-02	2.48E-02	1.29E-01	0.00E+00	1.28E-07	5.82E-02	1.57E-01	0.00E+00	1.80E-01	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	1.80E-01
782	CARTGRID	1	374000	3763500	NonCancerAcute	1.69E-02	1.85E-02	9.50E-02	0.00E+00	4.09E-08	4.31E-02	5.63E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	9.50E-02
783	CARTGRID	1	374100	3763500	NonCancerAcute	1.42E-02	1.56E-02	7.90E-02	0.00E+00	2.62E-08	3.47E-02	3.76E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	7.90E-02
784	CARTGRID	1	374200	3763500	NonCancerAcute	1.30E-02	1.42E-02	7.20E-02	0.00E+00	2.50E-08	3.15E-02	3.54E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	7.20E-02
785	CARTGRID	1	374300	3763500	NonCancerAcute	1.31E-02	1.43E-02	7.23E-02	0.00E+00	2.65E-08	3.15E-02	3.71E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	7.23E-02
786	CARTGRID	1	374400	3763500	NonCancerAcute	1.22E-02	1.33E-02	6.75E-02	0.00E+00	2.71E-08	2.95E-02	3.72E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	6.75E-02
787	CARTGRID	1	374500	3763500	NonCancerAcute	1.13E-02	1.23E-02	6.26E-02	0.00E+00	2.73E-08	2.71E-02	3.68E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.26E-02
788	CARTGRID	1	374600	3763500	NonCancerAcute	1.00E-02	1.09E-02	5.54E-02	0.00E+00	2.55E-08	2.38E-02	3.38E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.54E-02
789	CARTGRID	1	374700	3763500	NonCancerAcute	9.27E-03	1.01E-02	5.10E-02	0.00E+00	1.78E-08	2.22E-02	2.53E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.10E-02
790	CARTGRID	1	374800	3763500	NonCancerAcute	8.83E-03	9.63E-03	4.84E-02	0.00E+00	1.68E-08	2.09E-02	2.38E-02	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.84E-02
791	CARTGRID	1	374900	3763500	NonCancerAcute	8.32E-03	9.07E-03	4.57E-02	0.00E+00	1.66E-08	1.98E-02	2.33E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.57E-02
792	CARTGRID	1	375000	3763500	NonCancerAcute	7.62E-03	8.29E-03	4.19E-02	0.00E+00	1.70E-08	1.80E-02	2.33E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	9.77E-03	0.00E+00	0.00E+00	4.19E-02
793	CARTGRID	1	371500	3763600	NonCancerAcute	5.35E-03	5.76E-03	2.83E-02	0.00E+00	5.57E-09	1.13E-02	8.78E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	2.83E-02
794	CARTGRID	1	371600	3763600	NonCancerAcute	5.77E-03	6.21E-03	3.06E-02	0.00E+00	5.97E-09	1.21E-02	9.43E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	3.06E-02
795	CARTGRID	1	371700	3763600	NonCancerAcute	6.30E-03	6.78E-03	3.33E-02	0.00E+00	6.43E-09	1.32E-02	1.02E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	3.33E-02
796	CARTGRID	1	371800	3763600	NonCancerAcute	6.88E-03	7.41E-03	3.63E-02	0.00E+00	6.96E-09	1.44E-02	1.11E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	6.99E-03	0.00E+00	0.00E+00	3.63E-02
797	CARTGRID	1	371900	3763600	NonCancerAcute	7.51E-03	8.10E-03	3.97E-02	0.00E+00	7.56E-09	1.58E-02	1.21E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	3.97E-02
798	CARTGRID	1	372000	3763600	NonCancerAcute	8.42E-03	9.08E-03	4.46E-02	0.00E+00	8.26E-09	1.78E-02	1.34E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	4.46E-02
799	CARTGRID	1	372100	3763600	NonCancerAcute	9.44E-03	1.02E-02	5.00E-02	0.00E+00	9.09E-09	2.00E-02	1.48E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	9.77E-03	0.00E+00	0.00E+00	5.00E-02
800	CARTGRID	1	372200	3763600	NonCancerAcute	1.12E-02	1.21E-02	5.91E-02	0.00E+00	1.09E-08	2.38E-02	1.79E-02	0.00E+00	2.61E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.91E-02
801	CARTGRID	1	372300	3763600	NonCancerAcute	1.30E-02	1.41E-02	6.86E-02	0.00E+00	1.32E-08	2.77E-02	2.15E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.86E-02
802	CARTGRID	1	372400	3763600	NonCancerAcute	1.70E-02	1.84E-02	8.98E-02	0.00E+00	2.06E-08	3.66E-02	3.22E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	8.98E-02
803	CARTGRID	1	372500	3763600	NonCancerAcute	1.96E-02	2.12E-02	1.03E-01	0.00E+00	2.20E-08	4.18E-02	3.50E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.03E-01
804	CARTGRID	1	372600	3763600	NonCancerAcute	2.47E-02	2.66E-02	1.30E-01	0.00E+00	2.54E-08	5.10E-02	4.07E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.30E-01
805	CARTGRID	1	372700	3763600	NonCancerAcute	3.07E-02	3.30E-02	1.60E-01	0.00E+00	2.83E-08	6.20E-02	4.60E-02	0.00E+00	6.66E-02	0.00E+00	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.60E-01
806	CARTGRID	1	372800	3763600	NonCancerAcute	5.38E-02	5.65E-02	2.72E-01	0.00E+00	3.06E-08	9.10E-02	5.10E-02	0.00E+00	7.40E-02	0.00E+00	0.00E+00	3.46E-02	0.00E+00	0.00E+00	2.72E-01
807	CARTGRID	1	372900	3763600	NonCancerAcute	4.44E-02	4.72E-02	2.30E-01	0.00E+00	3.44E-08	8.38E-02	5.59E-02	0.00E+00	8.05E-02	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	2.30E-01
808	CARTGRID	1	373000	3763600	NonCancerAcute	3.88E-02	4.17E-02	2.05E-01	0.00E+00	4.20E-08	8.01E-02	6.50E-02	0.00E+00	9.10E-02	0.00E+00	0.00E+00	3.85E-02	0.00E+00	0.00E+00	2.05E-01
809	CARTGRID	1	373100	3763600	NonCancerAcute	4.85E-02	5.11E-02	2.52E-01	0.00E+00	4.57E-08	9.05E-02	6.77E-02	0.00E+00	9.14E-02	0.00E+00	0.00E+00	3.95E-02	0.00E+00	0.00E+00	2.52E-01
810	CARTGRID	1	373200	3763600	NonCancerAcute	9.77E-02	1.01E-01	4.90E-01	0.00E+00	5.63E-08	1.50E-01	8.18E-02	0.00E+00	1.06E-01	0.00E+00	0.00E+00	4.95E-02	0.00E+00	0.00E+00	4.90E-01
811	CARTGRID	1	373300	3763600	NonCancerAcute	6.57E-02	6.87E-02	3.55E-01	0.00E+00	7.14E-08	1.32E-01	9.85E-02	0.00E+00	1.25E-01	0.00E+00	0.00E+00	6.33E-02	0.00E+00	0.00E+00	3.55E-01
812	CARTGRID	1	373400	3763600	NonCancerAcute	8.99E-02	9.27E-02	4.70E-01	0.00E+00	8.78E-08	1.58E-01	1.17E-01	0.00E+00	1.43E-01	0.00E+00	0.00E+00	6.56E-02	0.00E+00	0.00E+00	4.70E-01
813	CARTGRID	1	373500	3763600	NonCancerAcute	4.40E-02	4.63E-02	2.45E-01	0.00E+00	1.44E-07	9.66E-02	1.76E-01	0.00E+00	2.00E-01	0.00E+00	0.00E+00	5.05E-02	0.00E+00	0.00E+00	2.45E-01
814	CARTGRID	1	373600	3763600	NonCancerAcute	2.78E-02	2.98E-02	1.60E-01	0.00E+00	8.46E-08	6.98E-02	1.07E-01	0.00E+00	1.27E-01	0.00E+00	0.00E+00	4.01E-02	0.00E+00	0.00E+00	1.60E-01
815	CARTGRID	1	373700	3763600	NonCancerAcute	2.56E-02	2.77E-02	1.50E-01	0.00E+00	5.63E-07	6.75E-02	6.48E-01	0.00E+00	6.86E-01	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	6.86E-01
816	CARTGRID	1	373800	3763600	NonCancerAcute	2.19E-02	2.39E-02	1.26E-01	0.00E+00	4.43E-07	5.69E-02	5.11E-01	0.00E+00	5.44E-01	0.00E+00	0.00E+00	3.32E-02	0.00E+00	0.00E+00	5.44E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
817	CARTGRID	1	373900	3763600	NonCancerAcute	2.11E-02	2.31E-02	1.20E-01	0.00E+00	2.27E-07	5.38E-02	2.68E-01	0.00E+00	2.93E-01	0.00E+00	0.00E+00	3.08E-02	0.00E+00	0.00E+00	2.93E-01
818	CARTGRID	1	374000	3763600	NonCancerAcute	1.54E-02	1.69E-02	8.56E-02	0.00E+00	7.73E-08	3.77E-02	9.60E-02	0.00E+00	1.11E-01	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.11E-01
819	CARTGRID	1	374100	3763600	NonCancerAcute	1.31E-02	1.43E-02	7.27E-02	0.00E+00	3.36E-08	3.17E-02	4.51E-02	0.00E+00	5.64E-02	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	7.27E-02
820	CARTGRID	1	374200	3763600	NonCancerAcute	1.24E-02	1.35E-02	6.84E-02	0.00E+00	2.41E-08	2.99E-02	3.41E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	6.84E-02
821	CARTGRID	1	374300	3763600	NonCancerAcute	1.33E-02	1.45E-02	7.30E-02	0.00E+00	2.86E-08	3.09E-02	3.91E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.30E-02
822	CARTGRID	1	374400	3763600	NonCancerAcute	1.26E-02	1.36E-02	6.89E-02	0.00E+00	2.91E-08	2.88E-02	3.89E-02	0.00E+00	4.85E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.89E-02
823	CARTGRID	1	374500	3763600	NonCancerAcute	1.06E-02	1.15E-02	5.82E-02	0.00E+00	2.70E-08	2.46E-02	3.57E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.82E-02
824	CARTGRID	1	374600	3763600	NonCancerAcute	8.35E-03	9.07E-03	4.60E-02	0.00E+00	2.34E-08	1.97E-02	3.07E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.60E-02
825	CARTGRID	1	374700	3763600	NonCancerAcute	9.18E-03	1.00E-02	5.04E-02	0.00E+00	1.85E-08	2.18E-02	2.59E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.04E-02
826	CARTGRID	1	374800	3763600	NonCancerAcute	8.51E-03	9.29E-03	4.68E-02	0.00E+00	1.67E-08	2.03E-02	2.35E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.68E-02
827	CARTGRID	1	374900	3763600	NonCancerAcute	8.15E-03	8.88E-03	4.46E-02	0.00E+00	1.61E-08	1.91E-02	2.26E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.46E-02
828	CARTGRID	1	375000	3763600	NonCancerAcute	7.63E-03	8.29E-03	4.17E-02	0.00E+00	1.67E-08	1.78E-02	2.29E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	9.48E-03	0.00E+00	0.00E+00	4.17E-02
829	CARTGRID	1	371500	3763700	NonCancerAcute	5.22E-03	5.63E-03	2.77E-02	0.00E+00	5.79E-09	1.11E-02	9.05E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	2.77E-02
830	CARTGRID	1	371600	3763700	NonCancerAcute	5.72E-03	6.17E-03	3.04E-02	0.00E+00	6.16E-09	1.22E-02	9.70E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.00E-03	0.00E+00	0.00E+00	3.04E-02
831	CARTGRID	1	371700	3763700	NonCancerAcute	6.25E-03	6.75E-03	3.32E-02	0.00E+00	6.57E-09	1.33E-02	1.04E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.60E-03	0.00E+00	0.00E+00	3.32E-02
832	CARTGRID	1	371800	3763700	NonCancerAcute	6.84E-03	7.38E-03	3.63E-02	0.00E+00	6.99E-09	1.46E-02	1.12E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	7.21E-03	0.00E+00	0.00E+00	3.63E-02
833	CARTGRID	1	371900	3763700	NonCancerAcute	7.54E-03	8.15E-03	4.01E-02	0.00E+00	7.53E-09	1.61E-02	1.22E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	4.01E-02
834	CARTGRID	1	372000	3763700	NonCancerAcute	8.38E-03	9.07E-03	4.46E-02	0.00E+00	8.23E-09	1.81E-02	1.35E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	4.46E-02
835	CARTGRID	1	372100	3763700	NonCancerAcute	9.60E-03	1.04E-02	5.11E-02	0.00E+00	9.12E-09	2.08E-02	1.52E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.11E-02
836	CARTGRID	1	372200	3763700	NonCancerAcute	1.11E-02	1.21E-02	5.92E-02	0.00E+00	1.05E-08	2.44E-02	1.78E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.92E-02
837	CARTGRID	1	372300	3763700	NonCancerAcute	1.31E-02	1.43E-02	6.97E-02	0.00E+00	1.24E-08	2.91E-02	2.13E-02	0.00E+00	3.20E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.97E-02
838	CARTGRID	1	372400	3763700	NonCancerAcute	1.80E-02	1.96E-02	9.59E-02	0.00E+00	2.08E-08	3.98E-02	3.32E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	9.59E-02
839	CARTGRID	1	372500	3763700	NonCancerAcute	2.19E-02	2.39E-02	1.17E-01	0.00E+00	2.26E-08	4.84E-02	3.73E-02	0.00E+00	5.47E-02	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.17E-01
840	CARTGRID	1	372600	3763700	NonCancerAcute	2.55E-02	2.76E-02	1.34E-01	0.00E+00	2.48E-08	5.37E-02	4.08E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	2.61E-02	0.00E+00	0.00E+00	1.34E-01
841	CARTGRID	1	372700	3763700	NonCancerAcute	3.38E-02	3.63E-02	1.77E-01	0.00E+00	2.62E-08	6.76E-02	4.45E-02	0.00E+00	6.60E-02	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.77E-01
842	CARTGRID	1	372800	3763700	NonCancerAcute	5.90E-02	6.19E-02	2.98E-01	0.00E+00	2.73E-08	9.96E-02	4.91E-02	0.00E+00	7.43E-02	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	2.98E-01
843	CARTGRID	1	372900	3763700	NonCancerAcute	3.56E-02	3.84E-02	1.88E-01	0.00E+00	3.34E-08	7.46E-02	5.47E-02	0.00E+00	7.95E-02	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	1.88E-01
844	CARTGRID	1	373000	3763700	NonCancerAcute	3.24E-02	3.50E-02	1.72E-01	0.00E+00	3.80E-08	6.91E-02	5.90E-02	0.00E+00	8.28E-02	0.00E+00	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.72E-01
845	CARTGRID	1	373100	3763700	NonCancerAcute	3.28E-02	3.54E-02	1.74E-01	0.00E+00	3.53E-08	6.90E-02	5.53E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.74E-01
846	CARTGRID	1	373200	3763700	NonCancerAcute	4.09E-02	4.36E-02	2.16E-01	0.00E+00	5.15E-08	8.26E-02	7.43E-02	0.00E+00	9.84E-02	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	2.16E-01
847	CARTGRID	1	373300	3763700	NonCancerAcute	4.27E-02	4.57E-02	2.29E-01	0.00E+00	6.12E-08	9.13E-02	8.74E-02	0.00E+00	1.15E-01	0.00E+00	0.00E+00	4.56E-02	0.00E+00	0.00E+00	2.29E-01
848	CARTGRID	1	373400	3763700	NonCancerAcute	3.92E-02	4.19E-02	2.14E-01	0.00E+00	7.45E-08	8.66E-02	1.00E-01	0.00E+00	1.26E-01	0.00E+00	0.00E+00	4.48E-02	0.00E+00	0.00E+00	2.14E-01
849	CARTGRID	1	373500	3763700	NonCancerAcute	2.81E-02	3.00E-02	1.56E-01	0.00E+00	6.17E-08	6.48E-02	8.10E-02	0.00E+00	9.92E-02	0.00E+00	0.00E+00	3.48E-02	0.00E+00	0.00E+00	1.56E-01
850	CARTGRID	1	373600	3763700	NonCancerAcute	2.38E-02	2.54E-02	1.32E-01	0.00E+00	6.53E-08	5.42E-02	8.33E-02	0.00E+00	9.90E-02	0.00E+00	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.32E-01
851	CARTGRID	1	373700	3763700	NonCancerAcute	2.14E-02	2.30E-02	1.22E-01	0.00E+00	3.44E-07	5.31E-02	3.98E-01	0.00E+00	4.24E-01	0.00E+00	0.00E+00	3.02E-02	0.00E+00	0.00E+00	4.24E-01
852	CARTGRID	1	373800	3763700	NonCancerAcute	2.00E-02	2.16E-02	1.14E-01	0.00E+00	2.60E-07	4.99E-02	3.03E-01	0.00E+00	3.26E-01	0.00E+00	0.00E+00	2.83E-02	0.00E+00	0.00E+00	3.26E-01
853	CARTGRID	1	373900	3763700	NonCancerAcute	1.73E-02	1.89E-02	9.67E-02	0.00E+00	1.31E-07	4.21E-02	1.57E-01	0.00E+00	1.75E-01	0.00E+00	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.75E-01
854	CARTGRID	1	374000	3763700	NonCancerAcute	1.48E-02	1.62E-02	8.28E-02	0.00E+00	8.06E-08	3.66E-02	9.91E-02	0.00E+00	1.14E-01	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.14E-01
855	CARTGRID	1	374100	3763700	NonCancerAcute	1.35E-02	1.47E-02	7.48E-02	0.00E+00	4.67E-08	3.24E-02	5.99E-02	0.00E+00	7.18E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.48E-02
856	CARTGRID	1	374200	3763700	NonCancerAcute	1.20E-02	1.30E-02	6.54E-02	0.00E+00	2.62E-08	2.78E-02	3.59E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.54E-02
857	CARTGRID	1	374300	3763700	NonCancerAcute	1.10E-02	1.20E-02	6.03E-02	0.00E+00	2.18E-08	2.62E-02	3.07E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.03E-02
858	CARTGRID	1	374400	3763700	NonCancerAcute	1.14E-02	1.24E-02	6.26E-02	0.00E+00	2.51E-08	2.67E-02	3.42E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.26E-02
859	CARTGRID	1	374500	3763700	NonCancerAcute	1.01E-02	1.09E-02	5.56E-02	0.00E+00	2.72E-08	2.37E-02	3.58E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.56E-02
860	CARTGRID	1	374600	3763700	NonCancerAcute	7.74E-03	8.38E-03	4.23E-02	0.00E+00	1.90E-08	1.78E-02	2.52E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	4.23E-02
861	CARTGRID	1	374700	3763700	NonCancerAcute	9.06E-03	9.86E-03	4.97E-02	0.00E+00	2.03E-08	2.13E-02	2.78E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.97E-02
862	CARTGRID	1	374800	3763700	NonCancerAcute	8.37E-03	9.12E-03	4.59E-02	0.00E+00	1.79E-08	1.97E-02	2.48E-02	0.00E+00	3.18E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.59E-02
863	CARTGRID	1	374900	3763700	NonCancerAcute	7.97E-03	8.67E-03	4.37E-02	0.00E+00	1.66E-08	1.87E-02	2.30E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.37E-02
864	CARTGRID	1	375000	3763700	NonCancerAcute	7.36E-03	8.00E-03	4.04E-02	0.00E+00	1.61E-08	1.73E-02	2.21E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	9.29E-03	0.00E+00	0.00E+00	4.04E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
865	CARTGRID	1	371500	3763800	NonCancerAcute	5.20E-03	5.62E-03	2.77E-02	0.00E+00	5.77E-09	1.13E-02	9.06E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.64E-03	0.00E+00	0.00E+00	2.77E-02
866	CARTGRID	1	371600	3763800	NonCancerAcute	5.67E-03	6.12E-03	3.02E-02	0.00E+00	6.17E-09	1.23E-02	9.75E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	3.02E-02
867	CARTGRID	1	371700	3763800	NonCancerAcute	6.18E-03	6.67E-03	3.29E-02	0.00E+00	6.60E-09	1.34E-02	1.05E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	3.29E-02
868	CARTGRID	1	371800	3763800	NonCancerAcute	6.87E-03	7.42E-03	3.66E-02	0.00E+00	7.05E-09	1.48E-02	1.13E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	7.36E-03	0.00E+00	0.00E+00	3.66E-02
869	CARTGRID	1	371900	3763800	NonCancerAcute	7.68E-03	8.30E-03	4.09E-02	0.00E+00	7.52E-09	1.66E-02	1.23E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	8.26E-03	0.00E+00	0.00E+00	4.09E-02
870	CARTGRID	1	372000	3763800	NonCancerAcute	8.53E-03	9.24E-03	4.55E-02	0.00E+00	8.10E-09	1.86E-02	1.35E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	9.36E-03	0.00E+00	0.00E+00	4.55E-02
871	CARTGRID	1	372100	3763800	NonCancerAcute	9.71E-03	1.06E-02	5.20E-02	0.00E+00	8.93E-09	2.16E-02	1.53E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.20E-02
872	CARTGRID	1	372200	3763800	NonCancerAcute	1.15E-02	1.26E-02	6.16E-02	0.00E+00	1.00E-08	2.61E-02	1.79E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	6.16E-02
873	CARTGRID	1	372300	3763800	NonCancerAcute	1.50E-02	1.65E-02	8.02E-02	0.00E+00	1.33E-08	3.47E-02	2.43E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	8.02E-02
874	CARTGRID	1	372400	3763800	NonCancerAcute	1.86E-02	2.02E-02	9.91E-02	0.00E+00	2.00E-08	4.11E-02	3.27E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	2.09E-02	0.00E+00	0.00E+00	9.91E-02
875	CARTGRID	1	372500	3763800	NonCancerAcute	2.47E-02	2.66E-02	1.30E-01	0.00E+00	2.14E-08	5.18E-02	3.61E-02	0.00E+00	5.33E-02	0.00E+00	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.30E-01
876	CARTGRID	1	372600	3763800	NonCancerAcute	3.10E-02	3.33E-02	1.62E-01	0.00E+00	2.31E-08	6.24E-02	4.00E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.62E-01
877	CARTGRID	1	372700	3763800	NonCancerAcute	4.55E-02	4.82E-02	2.32E-01	0.00E+00	2.37E-08	8.17E-02	4.32E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	2.32E-01
878	CARTGRID	1	372800	3763800	NonCancerAcute	3.91E-02	4.20E-02	2.03E-01	0.00E+00	2.68E-08	7.76E-02	4.80E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	3.56E-02	0.00E+00	0.00E+00	2.03E-01
879	CARTGRID	1	372900	3763800	NonCancerAcute	3.14E-02	3.42E-02	1.67E-01	0.00E+00	3.26E-08	6.87E-02	5.39E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	3.45E-02	0.00E+00	0.00E+00	1.67E-01
880	CARTGRID	1	373000	3763800	NonCancerAcute	2.89E-02	3.18E-02	1.55E-01	0.00E+00	3.46E-08	6.63E-02	5.63E-02	0.00E+00	8.19E-02	0.00E+00	0.00E+00	3.45E-02	0.00E+00	0.00E+00	1.55E-01
881	CARTGRID	1	373100	3763800	NonCancerAcute	2.68E-02	2.93E-02	1.44E-01	0.00E+00	2.75E-08	6.05E-02	4.59E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.44E-01
882	CARTGRID	1	373200	3763800	NonCancerAcute	2.88E-02	3.13E-02	1.56E-01	0.00E+00	4.23E-08	6.53E-02	6.29E-02	0.00E+00	8.57E-02	0.00E+00	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.56E-01
883	CARTGRID	1	373300	3763800	NonCancerAcute	3.22E-02	3.49E-02	1.75E-01	0.00E+00	5.36E-08	7.25E-02	7.65E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	1.75E-01
884	CARTGRID	1	373400	3763800	NonCancerAcute	2.71E-02	2.93E-02	1.49E-01	0.00E+00	5.61E-08	6.23E-02	7.64E-02	0.00E+00	9.68E-02	0.00E+00	0.00E+00	3.31E-02	0.00E+00	0.00E+00	1.49E-01
885	CARTGRID	1	373500	3763800	NonCancerAcute	2.17E-02	2.33E-02	1.20E-01	0.00E+00	4.64E-08	4.94E-02	6.19E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.20E-01
886	CARTGRID	1	373600	3763800	NonCancerAcute	1.96E-02	2.10E-02	1.08E-01	0.00E+00	5.30E-08	4.47E-02	6.83E-02	0.00E+00	8.20E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.08E-01
887	CARTGRID	1	373700	3763800	NonCancerAcute	1.85E-02	1.99E-02	1.04E-01	0.00E+00	1.81E-07	4.41E-02	2.13E-01	0.00E+00	2.31E-01	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	2.31E-01
888	CARTGRID	1	373800	3763800	NonCancerAcute	1.83E-02	1.98E-02	1.03E-01	0.00E+00	1.28E-07	4.46E-02	1.54E-01	0.00E+00	1.71E-01	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.71E-01
889	CARTGRID	1	373900	3763800	NonCancerAcute	1.57E-02	1.70E-02	8.64E-02	0.00E+00	7.22E-08	3.68E-02	8.95E-02	0.00E+00	1.03E-01	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	1.03E-01
890	CARTGRID	1	374000	3763800	NonCancerAcute	1.52E-02	1.65E-02	8.41E-02	0.00E+00	5.79E-08	3.59E-02	7.30E-02	0.00E+00	8.58E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	8.58E-02
891	CARTGRID	1	374100	3763800	NonCancerAcute	1.44E-02	1.56E-02	7.89E-02	0.00E+00	4.64E-08	3.34E-02	5.95E-02	0.00E+00	7.13E-02	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	7.89E-02
892	CARTGRID	1	374200	3763800	NonCancerAcute	1.15E-02	1.24E-02	6.30E-02	0.00E+00	2.55E-08	2.69E-02	3.47E-02	0.00E+00	4.40E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.30E-02
893	CARTGRID	1	374300	3763800	NonCancerAcute	1.09E-02	1.18E-02	5.96E-02	0.00E+00	2.19E-08	2.53E-02	3.05E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.96E-02
894	CARTGRID	1	374400	3763800	NonCancerAcute	1.05E-02	1.14E-02	5.73E-02	0.00E+00	2.06E-08	2.42E-02	2.87E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.73E-02
895	CARTGRID	1	374500	3763800	NonCancerAcute	1.02E-02	1.10E-02	5.54E-02	0.00E+00	2.07E-08	2.34E-02	2.86E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.54E-02
896	CARTGRID	1	374600	3763800	NonCancerAcute	7.44E-03	8.06E-03	4.07E-02	0.00E+00	1.93E-08	1.71E-02	2.55E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	9.09E-03	0.00E+00	0.00E+00	4.07E-02
897	CARTGRID	1	374700	3763800	NonCancerAcute	6.92E-03	7.52E-03	3.80E-02	0.00E+00	2.07E-08	1.63E-02	2.69E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	3.80E-02
898	CARTGRID	1	374800	3763800	NonCancerAcute	7.96E-03	8.67E-03	4.38E-02	0.00E+00	1.85E-08	1.89E-02	2.52E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.38E-02
899	CARTGRID	1	374900	3763800	NonCancerAcute	7.45E-03	8.13E-03	4.09E-02	0.00E+00	1.55E-08	1.77E-02	2.16E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	9.59E-03	0.00E+00	0.00E+00	4.09E-02
900	CARTGRID	1	375000	3763800	NonCancerAcute	7.10E-03	7.74E-03	3.90E-02	0.00E+00	1.53E-08	1.68E-02	2.12E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	9.04E-03	0.00E+00	0.00E+00	3.90E-02
901	CARTGRID	1	371500	3763900	NonCancerAcute	5.17E-03	5.59E-03	2.76E-02	0.00E+00	5.62E-09	1.12E-02	8.89E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	2.76E-02
902	CARTGRID	1	371600	3763900	NonCancerAcute	5.69E-03	6.16E-03	3.04E-02	0.00E+00	6.04E-09	1.23E-02	9.62E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	3.04E-02
903	CARTGRID	1	371700	3763900	NonCancerAcute	6.25E-03	6.76E-03	3.34E-02	0.00E+00	6.48E-09	1.36E-02	1.04E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.80E-03	0.00E+00	0.00E+00	3.34E-02
904	CARTGRID	1	371800	3763900	NonCancerAcute	6.81E-03	7.37E-03	3.64E-02	0.00E+00	6.91E-09	1.49E-02	1.12E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	3.64E-02
905	CARTGRID	1	371900	3763900	NonCancerAcute	7.61E-03	8.26E-03	4.07E-02	0.00E+00	7.33E-09	1.67E-02	1.22E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	8.49E-03	0.00E+00	0.00E+00	4.07E-02
906	CARTGRID	1	372000	3763900	NonCancerAcute	8.52E-03	9.26E-03	4.56E-02	0.00E+00	7.85E-09	1.89E-02	1.34E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	4.56E-02
907	CARTGRID	1	372100	3763900	NonCancerAcute	1.02E-02	1.11E-02	5.45E-02	0.00E+00	8.90E-09	2.30E-02	1.58E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.45E-02
908	CARTGRID	1	372200	3763900	NonCancerAcute	1.21E-02	1.33E-02	6.50E-02	0.00E+00	9.78E-09	2.81E-02	1.84E-02	0.00E+00	2.92E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.50E-02
909	CARTGRID	1	372300	3763900	NonCancerAcute	1.43E-02	1.58E-02	7.69E-02	0.00E+00	1.10E-08	3.30E-02	2.11E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	7.69E-02
910	CARTGRID	1	372400	3763900	NonCancerAcute	1.83E-02	2.00E-02	9.79E-02	0.00E+00	1.63E-08	4.14E-02	2.90E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	9.79E-02
911	CARTGRID	1	372500	3763900	NonCancerAcute	2.41E-02	2.61E-02	1.27E-01	0.00E+00	1.90E-08	5.12E-02	3.40E-02	0.00E+00	5.22E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.27E-01
912	CARTGRID	1	372600	3763900	NonCancerAcute	3.55E-02	3.77E-02	1.82E-01	0.00E+00	2.30E-08	6.62E-02	3.99E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.82E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
913	CARTGRID	1	372700	3763900	NonCancerAcute	8.09E-02	8.36E-02	3.99E-01	0.00E+00	2.24E-08	1.19E-01	4.26E-02	0.00E+00	6.50E-02	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	3.99E-01
914	CARTGRID	1	372800	3763900	NonCancerAcute	3.59E-02	3.86E-02	1.87E-01	0.00E+00	2.64E-08	7.25E-02	4.67E-02	0.00E+00	7.10E-02	0.00E+00	0.00E+00	3.39E-02	0.00E+00	0.00E+00	1.87E-01
915	CARTGRID	1	372900	3763900	NonCancerAcute	2.70E-02	2.94E-02	1.43E-01	0.00E+00	2.62E-08	5.83E-02	4.41E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.43E-01
916	CARTGRID	1	373000	3763900	NonCancerAcute	2.47E-02	2.71E-02	1.33E-01	0.00E+00	2.61E-08	5.66E-02	4.40E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.33E-01
917	CARTGRID	1	373100	3763900	NonCancerAcute	2.22E-02	2.46E-02	1.21E-01	0.00E+00	2.52E-08	5.32E-02	4.25E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.21E-01
918	CARTGRID	1	373200	3763900	NonCancerAcute	2.44E-02	2.67E-02	1.32E-01	0.00E+00	3.69E-08	5.68E-02	5.55E-02	0.00E+00	7.64E-02	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.32E-01
919	CARTGRID	1	373300	3763900	NonCancerAcute	2.49E-02	2.72E-02	1.35E-01	0.00E+00	4.58E-08	5.82E-02	6.56E-02	0.00E+00	8.69E-02	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.35E-01
920	CARTGRID	1	373400	3763900	NonCancerAcute	2.15E-02	2.33E-02	1.17E-01	0.00E+00	3.90E-08	4.82E-02	5.45E-02	0.00E+00	7.06E-02	0.00E+00	0.00E+00	2.50E-02	0.00E+00	0.00E+00	1.17E-01
921	CARTGRID	1	373500	3763900	NonCancerAcute	1.79E-02	1.93E-02	9.82E-02	0.00E+00	3.79E-08	4.08E-02	5.10E-02	0.00E+00	6.39E-02	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	9.82E-02
922	CARTGRID	1	373600	3763900	NonCancerAcute	1.79E-02	1.92E-02	9.82E-02	0.00E+00	4.67E-08	4.01E-02	6.03E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	2.10E-02	0.00E+00	0.00E+00	9.82E-02
923	CARTGRID	1	373700	3763900	NonCancerAcute	1.73E-02	1.86E-02	9.57E-02	0.00E+00	7.00E-08	3.99E-02	8.68E-02	0.00E+00	1.00E-01	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	1.00E-01
924	CARTGRID	1	373800	3763900	NonCancerAcute	1.65E-02	1.78E-02	9.10E-02	0.00E+00	5.78E-08	3.84E-02	7.33E-02	0.00E+00	8.67E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	9.10E-02
925	CARTGRID	1	373900	3763900	NonCancerAcute	1.40E-02	1.52E-02	7.72E-02	0.00E+00	4.31E-08	3.29E-02	5.58E-02	0.00E+00	6.74E-02	0.00E+00	0.00E+00	1.78E-02	0.00E+00	0.00E+00	7.72E-02
926	CARTGRID	1	374000	3763900	NonCancerAcute	1.41E-02	1.53E-02	7.86E-02	0.00E+00	4.42E-08	3.39E-02	5.70E-02	0.00E+00	6.86E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	7.86E-02
927	CARTGRID	1	374100	3763900	NonCancerAcute	1.31E-02	1.42E-02	7.24E-02	0.00E+00	3.65E-08	3.08E-02	4.78E-02	0.00E+00	5.84E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	7.24E-02
928	CARTGRID	1	374200	3763900	NonCancerAcute	1.09E-02	1.18E-02	5.95E-02	0.00E+00	2.23E-08	2.53E-02	3.08E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.95E-02
929	CARTGRID	1	374300	3763900	NonCancerAcute	1.13E-02	1.23E-02	6.20E-02	0.00E+00	2.36E-08	2.61E-02	3.24E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.20E-02
930	CARTGRID	1	374400	3763900	NonCancerAcute	1.10E-02	1.18E-02	5.97E-02	0.00E+00	2.53E-08	2.48E-02	3.38E-02	0.00E+00	4.21E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.97E-02
931	CARTGRID	1	374500	3763900	NonCancerAcute	1.04E-02	1.13E-02	5.69E-02	0.00E+00	2.27E-08	2.36E-02	3.06E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.69E-02
932	CARTGRID	1	374600	3763900	NonCancerAcute	7.33E-03	7.91E-03	3.98E-02	0.00E+00	1.65E-08	1.64E-02	2.21E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	3.98E-02
933	CARTGRID	1	374700	3763900	NonCancerAcute	7.06E-03	7.65E-03	3.87E-02	0.00E+00	2.06E-08	1.64E-02	2.68E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	3.87E-02
934	CARTGRID	1	374800	3763900	NonCancerAcute	8.09E-03	8.78E-03	4.41E-02	0.00E+00	1.67E-08	1.86E-02	2.30E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	9.85E-03	0.00E+00	0.00E+00	4.41E-02
935	CARTGRID	1	374900	3763900	NonCancerAcute	7.52E-03	8.17E-03	4.12E-02	0.00E+00	1.64E-08	1.75E-02	2.24E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	9.35E-03	0.00E+00	0.00E+00	4.12E-02
936	CARTGRID	1	375000	3763900	NonCancerAcute	6.72E-03	7.30E-03	3.70E-02	0.00E+00	1.66E-08	1.58E-02	2.22E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	3.70E-02
937	CARTGRID	1	371500	3764000	NonCancerAcute	5.17E-03	5.59E-03	2.76E-02	0.00E+00	5.54E-09	1.12E-02	8.78E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	2.76E-02
938	CARTGRID	1	371600	3764000	NonCancerAcute	5.66E-03	6.12E-03	3.01E-02	0.00E+00	5.81E-09	1.22E-02	9.35E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	3.01E-02
939	CARTGRID	1	371700	3764000	NonCancerAcute	6.20E-03	6.71E-03	3.30E-02	0.00E+00	6.26E-09	1.34E-02	1.02E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	6.71E-03	0.00E+00	0.00E+00	3.30E-02
940	CARTGRID	1	371800	3764000	NonCancerAcute	6.81E-03	7.38E-03	3.63E-02	0.00E+00	6.70E-09	1.48E-02	1.10E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	3.63E-02
941	CARTGRID	1	371900	3764000	NonCancerAcute	7.57E-03	8.22E-03	4.06E-02	0.00E+00	7.10E-09	1.69E-02	1.20E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	8.63E-03	0.00E+00	0.00E+00	4.06E-02
942	CARTGRID	1	372000	3764000	NonCancerAcute	8.69E-03	9.47E-03	4.67E-02	0.00E+00	7.61E-09	1.96E-02	1.33E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.67E-02
943	CARTGRID	1	372100	3764000	NonCancerAcute	1.09E-02	1.19E-02	5.85E-02	0.00E+00	8.95E-09	2.49E-02	1.65E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.85E-02
944	CARTGRID	1	372200	3764000	NonCancerAcute	1.35E-02	1.49E-02	7.26E-02	0.00E+00	1.06E-08	3.20E-02	2.08E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	7.26E-02
945	CARTGRID	1	372300	3764000	NonCancerAcute	1.58E-02	1.74E-02	8.53E-02	0.00E+00	1.28E-08	3.74E-02	2.44E-02	0.00E+00	3.90E-02	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	8.53E-02
946	CARTGRID	1	372400	3764000	NonCancerAcute	1.98E-02	2.16E-02	1.05E-01	0.00E+00	1.39E-08	4.35E-02	2.66E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.05E-01
947	CARTGRID	1	372500	3764000	NonCancerAcute	2.67E-02	2.89E-02	1.41E-01	0.00E+00	1.85E-08	5.59E-02	3.40E-02	0.00E+00	5.28E-02	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.41E-01
948	CARTGRID	1	372600	3764000	NonCancerAcute	4.96E-02	5.22E-02	2.51E-01	0.00E+00	2.11E-08	8.55E-02	3.98E-02	0.00E+00	6.18E-02	0.00E+00	0.00E+00	3.33E-02	0.00E+00	0.00E+00	2.51E-01
949	CARTGRID	1	372700	3764000	NonCancerAcute	6.46E-02	6.72E-02	3.21E-01	0.00E+00	2.21E-08	1.01E-01	4.14E-02	0.00E+00	6.34E-02	0.00E+00	0.00E+00	3.39E-02	0.00E+00	0.00E+00	3.21E-01
950	CARTGRID	1	372800	3764000	NonCancerAcute	3.35E-02	3.64E-02	1.76E-01	0.00E+00	2.48E-08	7.04E-02	4.53E-02	0.00E+00	7.02E-02	0.00E+00	0.00E+00	3.40E-02	0.00E+00	0.00E+00	1.76E-01
951	CARTGRID	1	372900	3764000	NonCancerAcute	2.66E-02	2.94E-02	1.43E-01	0.00E+00	2.77E-08	6.22E-02	4.83E-02	0.00E+00	7.33E-02	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.43E-01
952	CARTGRID	1	373000	3764000	NonCancerAcute	2.14E-02	2.36E-02	1.15E-01	0.00E+00	2.13E-08	4.92E-02	3.70E-02	0.00E+00	5.61E-02	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.15E-01
953	CARTGRID	1	373100	3764000	NonCancerAcute	1.90E-02	2.09E-02	1.03E-01	0.00E+00	2.19E-08	4.50E-02	3.63E-02	0.00E+00	5.34E-02	0.00E+00	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.03E-01
954	CARTGRID	1	373200	3764000	NonCancerAcute	2.06E-02	2.25E-02	1.11E-01	0.00E+00	2.93E-08	4.70E-02	4.47E-02	0.00E+00	6.21E-02	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.11E-01
955	CARTGRID	1	373300	3764000	NonCancerAcute	1.91E-02	2.09E-02	1.04E-01	0.00E+00	2.92E-08	4.45E-02	4.38E-02	0.00E+00	6.01E-02	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	1.04E-01
956	CARTGRID	1	373400	3764000	NonCancerAcute	1.73E-02	1.86E-02	9.31E-02	0.00E+00	2.92E-08	3.81E-02	4.13E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	9.31E-02
957	CARTGRID	1	373500	3764000	NonCancerAcute	1.58E-02	1.70E-02	8.60E-02	0.00E+00	3.20E-08	3.52E-02	4.33E-02	0.00E+00	5.46E-02	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	8.60E-02
958	CARTGRID	1	373600	3764000	NonCancerAcute	1.54E-02	1.65E-02	8.37E-02	0.00E+00	3.73E-08	3.41E-02	4.89E-02	0.00E+00	5.97E-02	0.00E+00	0.00E+00	1.76E-02	0.00E+00	0.00E+00	8.37E-02
959	CARTGRID	1	373700	3764000	NonCancerAcute	1.57E-02	1.69E-02	8.70E-02	0.00E+00	4.35E-08	3.64E-02	5.62E-02	0.00E+00	6.79E-02	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	8.70E-02
960	CARTGRID	1	373800	3764000	NonCancerAcute	1.60E-02	1.72E-02	8.76E-02	0.00E+00	3.79E-08	3.64E-02	5.03E-02	0.00E+00	6.21E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	8.76E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
961	CARTGRID	1	373900	3764000	NonCancerAcute	1.35E-02	1.46E-02	7.37E-02	0.00E+00	3.19E-08	3.09E-02	4.26E-02	0.00E+00	5.30E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.37E-02
962	CARTGRID	1	374000	3764000	NonCancerAcute	1.38E-02	1.49E-02	7.58E-02	0.00E+00	3.56E-08	3.19E-02	4.68E-02	0.00E+00	5.74E-02	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	7.58E-02
963	CARTGRID	1	374100	3764000	NonCancerAcute	1.23E-02	1.33E-02	6.78E-02	0.00E+00	2.94E-08	2.90E-02	3.94E-02	0.00E+00	4.91E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	6.78E-02
964	CARTGRID	1	374200	3764000	NonCancerAcute	9.94E-03	1.08E-02	5.48E-02	0.00E+00	2.00E-08	2.37E-02	2.79E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.48E-02
965	CARTGRID	1	374300	3764000	NonCancerAcute	1.01E-02	1.09E-02	5.54E-02	0.00E+00	2.13E-08	2.37E-02	2.94E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.54E-02
966	CARTGRID	1	374400	3764000	NonCancerAcute	9.76E-03	1.05E-02	5.36E-02	0.00E+00	2.48E-08	2.25E-02	3.27E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.36E-02
967	CARTGRID	1	374500	3764000	NonCancerAcute	7.35E-03	7.93E-03	4.00E-02	0.00E+00	1.85E-08	1.65E-02	2.43E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	4.00E-02
968	CARTGRID	1	374600	3764000	NonCancerAcute	6.75E-03	7.27E-03	3.64E-02	0.00E+00	1.52E-08	1.47E-02	2.02E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	7.46E-03	0.00E+00	0.00E+00	3.64E-02
969	CARTGRID	1	374700	3764000	NonCancerAcute	6.68E-03	7.23E-03	3.65E-02	0.00E+00	1.83E-08	1.53E-02	2.40E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	3.65E-02
970	CARTGRID	1	374800	3764000	NonCancerAcute	8.20E-03	8.87E-03	4.45E-02	0.00E+00	1.71E-08	1.84E-02	2.33E-02	0.00E+00	2.95E-02	0.00E+00	0.00E+00	9.57E-03	0.00E+00	0.00E+00	4.45E-02
971	CARTGRID	1	374900	3764000	NonCancerAcute	7.44E-03	8.06E-03	4.05E-02	0.00E+00	1.69E-08	1.70E-02	2.29E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	8.95E-03	0.00E+00	0.00E+00	4.05E-02
972	CARTGRID	1	375000	3764000	NonCancerAcute	6.88E-03	7.45E-03	3.75E-02	0.00E+00	1.60E-08	1.58E-02	2.15E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	8.32E-03	0.00E+00	0.00E+00	3.75E-02
973	CARTGRID	1	371500	3764100	NonCancerAcute	5.12E-03	5.53E-03	2.72E-02	0.00E+00	5.42E-09	1.09E-02	8.61E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	2.72E-02
974	CARTGRID	1	371600	3764100	NonCancerAcute	5.58E-03	6.03E-03	2.97E-02	0.00E+00	5.68E-09	1.20E-02	9.19E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	2.97E-02
975	CARTGRID	1	371700	3764100	NonCancerAcute	6.12E-03	6.62E-03	3.26E-02	0.00E+00	6.03E-09	1.32E-02	9.87E-03	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	3.26E-02
976	CARTGRID	1	371800	3764100	NonCancerAcute	6.76E-03	7.33E-03	3.61E-02	0.00E+00	6.36E-09	1.48E-02	1.06E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	3.61E-02
977	CARTGRID	1	371900	3764100	NonCancerAcute	7.79E-03	8.46E-03	4.16E-02	0.00E+00	6.68E-09	1.72E-02	1.16E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	8.74E-03	0.00E+00	0.00E+00	4.16E-02
978	CARTGRID	1	372000	3764100	NonCancerAcute	8.88E-03	9.70E-03	4.78E-02	0.00E+00	7.37E-09	2.02E-02	1.33E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.78E-02
979	CARTGRID	1	372100	3764100	NonCancerAcute	1.08E-02	1.19E-02	5.84E-02	0.00E+00	9.13E-09	2.55E-02	1.71E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	5.84E-02
980	CARTGRID	1	372200	3764100	NonCancerAcute	1.32E-02	1.46E-02	7.12E-02	0.00E+00	9.93E-09	3.15E-02	1.98E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	7.12E-02
981	CARTGRID	1	372300	3764100	NonCancerAcute	1.61E-02	1.77E-02	8.67E-02	0.00E+00	1.08E-08	3.76E-02	2.22E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	8.67E-02
982	CARTGRID	1	372400	3764100	NonCancerAcute	1.96E-02	2.15E-02	1.07E-01	0.00E+00	1.30E-08	4.60E-02	2.60E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.07E-01
983	CARTGRID	1	372500	3764100	NonCancerAcute	2.71E-02	2.93E-02	1.47E-01	0.00E+00	1.62E-08	6.06E-02	3.15E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.47E-01
984	CARTGRID	1	372600	3764100	NonCancerAcute	6.61E-02	6.85E-02	3.28E-01	0.00E+00	1.91E-08	1.01E-01	3.66E-02	0.00E+00	5.64E-02	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	3.28E-01
985	CARTGRID	1	372700	3764100	NonCancerAcute	3.97E-02	4.21E-02	2.03E-01	0.00E+00	2.23E-08	7.30E-02	4.00E-02	0.00E+00	6.10E-02	0.00E+00	0.00E+00	3.10E-02	0.00E+00	0.00E+00	2.03E-01
986	CARTGRID	1	372800	3764100	NonCancerAcute	2.70E-02	2.94E-02	1.42E-01	0.00E+00	2.24E-08	5.75E-02	3.96E-02	0.00E+00	6.03E-02	0.00E+00	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.42E-01
987	CARTGRID	1	372900	3764100	NonCancerAcute	2.24E-02	2.47E-02	1.20E-01	0.00E+00	1.97E-08	5.18E-02	3.63E-02	0.00E+00	5.67E-02	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.20E-01
988	CARTGRID	1	373000	3764100	NonCancerAcute	2.01E-02	2.21E-02	1.08E-01	0.00E+00	2.14E-08	4.60E-02	3.60E-02	0.00E+00	5.34E-02	0.00E+00	0.00E+00	2.39E-02	0.00E+00	0.00E+00	1.08E-01
989	CARTGRID	1	373100	3764100	NonCancerAcute	1.72E-02	1.89E-02	9.26E-02	0.00E+00	1.95E-08	3.94E-02	3.20E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	9.26E-02
990	CARTGRID	1	373200	3764100	NonCancerAcute	1.69E-02	1.85E-02	9.11E-02	0.00E+00	2.22E-08	3.85E-02	3.45E-02	0.00E+00	4.85E-02	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	9.11E-02
991	CARTGRID	1	373300	3764100	NonCancerAcute	1.67E-02	1.81E-02	8.97E-02	0.00E+00	2.67E-08	3.73E-02	3.88E-02	0.00E+00	5.19E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	8.97E-02
992	CARTGRID	1	373400	3764100	NonCancerAcute	1.49E-02	1.61E-02	8.02E-02	0.00E+00	2.46E-08	3.28E-02	3.50E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	8.02E-02
993	CARTGRID	1	373500	3764100	NonCancerAcute	1.42E-02	1.53E-02	7.66E-02	0.00E+00	2.76E-08	3.09E-02	3.76E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	7.66E-02
994	CARTGRID	1	373600	3764100	NonCancerAcute	1.38E-02	1.49E-02	7.55E-02	0.00E+00	3.71E-08	3.12E-02	4.82E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.55E-02
995	CARTGRID	1	373700	3764100	NonCancerAcute	1.54E-02	1.66E-02	8.48E-02	0.00E+00	3.29E-08	3.57E-02	4.45E-02	0.00E+00	5.60E-02	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	8.48E-02
996	CARTGRID	1	373800	3764100	NonCancerAcute	1.29E-02	1.40E-02	7.09E-02	0.00E+00	2.24E-08	2.98E-02	3.17E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	7.09E-02
997	CARTGRID	1	373900	3764100	NonCancerAcute	1.26E-02	1.36E-02	6.88E-02	0.00E+00	2.51E-08	2.89E-02	3.45E-02	0.00E+00	4.41E-02	0.00E+00	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.88E-02
998	CARTGRID	1	374000	3764100	NonCancerAcute	1.23E-02	1.32E-02	6.66E-02	0.00E+00	2.41E-08	2.76E-02	3.32E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.66E-02
999	CARTGRID	1	374100	3764100	NonCancerAcute	1.21E-02	1.30E-02	6.63E-02	0.00E+00	2.50E-08	2.77E-02	3.40E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	6.63E-02
1000	CARTGRID	1	374200	3764100	NonCancerAcute	1.02E-02	1.10E-02	5.52E-02	0.00E+00	1.86E-08	2.30E-02	2.61E-02	0.00E+00	3.39E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.52E-02
1001	CARTGRID	1	374300	3764100	NonCancerAcute	1.02E-02	1.10E-02	5.54E-02	0.00E+00	1.91E-08	2.32E-02	2.66E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.54E-02
1002	CARTGRID	1	374400	3764100	NonCancerAcute	9.21E-03	1.00E-02	5.09E-02	0.00E+00	2.23E-08	2.19E-02	2.99E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.09E-02
1003	CARTGRID	1	374500	3764100	NonCancerAcute	8.40E-03	9.08E-03	4.61E-02	0.00E+00	2.20E-08	1.94E-02	2.90E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.61E-02
1004	CARTGRID	1	374600	3764100	NonCancerAcute	6.46E-03	6.99E-03	3.52E-02	0.00E+00	1.65E-08	1.48E-02	2.17E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	3.52E-02
1005	CARTGRID	1	374700	3764100	NonCancerAcute	5.89E-03	6.35E-03	3.18E-02	0.00E+00	1.36E-08	1.30E-02	1.82E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	3.18E-02
1006	CARTGRID	1	374800	3764100	NonCancerAcute	6.97E-03	7.55E-03	3.83E-02	0.00E+00	1.80E-08	1.62E-02	2.38E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	3.83E-02
1007	CARTGRID	1	374900	3764100	NonCancerAcute	6.78E-03	7.33E-03	3.70E-02	0.00E+00	1.61E-08	1.54E-02	2.15E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	3.70E-02
1008	CARTGRID	1	375000	3764100	NonCancerAcute	5.33E-03	5.78E-03	2.91E-02	0.00E+00	1.47E-08	1.23E-02	1.93E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	2.91E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1009	CARTGRID	1	371500	3764200	NonCancerAcute	4.93E-03	5.32E-03	2.62E-02	0.00E+00	5.18E-09	1.05E-02	8.26E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	2.62E-02
1010	CARTGRID	1	371600	3764200	NonCancerAcute	5.42E-03	5.86E-03	2.88E-02	0.00E+00	5.38E-09	1.17E-02	8.78E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	2.88E-02
1011	CARTGRID	1	371700	3764200	NonCancerAcute	6.10E-03	6.60E-03	3.24E-02	0.00E+00	5.73E-09	1.31E-02	9.52E-03	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	3.24E-02
1012	CARTGRID	1	371800	3764200	NonCancerAcute	6.88E-03	7.46E-03	3.66E-02	0.00E+00	6.24E-09	1.49E-02	1.06E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	7.47E-03	0.00E+00	0.00E+00	3.66E-02
1013	CARTGRID	1	371900	3764200	NonCancerAcute	7.75E-03	8.44E-03	4.13E-02	0.00E+00	6.69E-09	1.72E-02	1.18E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	8.72E-03	0.00E+00	0.00E+00	4.13E-02
1014	CARTGRID	1	372000	3764200	NonCancerAcute	9.07E-03	9.98E-03	4.87E-02	0.00E+00	7.18E-09	2.10E-02	1.36E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.87E-02
1015	CARTGRID	1	372100	3764200	NonCancerAcute	1.08E-02	1.19E-02	5.80E-02	0.00E+00	8.12E-09	2.50E-02	1.58E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.80E-02
1016	CARTGRID	1	372200	3764200	NonCancerAcute	1.36E-02	1.53E-02	7.42E-02	0.00E+00	9.52E-09	3.42E-02	2.07E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	7.42E-02
1017	CARTGRID	1	372300	3764200	NonCancerAcute	1.62E-02	1.79E-02	8.82E-02	0.00E+00	1.14E-08	3.98E-02	2.37E-02	0.00E+00	3.93E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	8.82E-02
1018	CARTGRID	1	372400	3764200	NonCancerAcute	2.26E-02	2.47E-02	1.26E-01	0.00E+00	1.71E-08	5.55E-02	3.19E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	3.09E-02	0.00E+00	0.00E+00	1.26E-01
1019	CARTGRID	1	372500	3764200	NonCancerAcute	2.71E-02	2.94E-02	1.51E-01	0.00E+00	1.74E-08	6.56E-02	3.35E-02	0.00E+00	5.32E-02	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	1.51E-01
1020	CARTGRID	1	372600	3764200	NonCancerAcute	4.70E-02	4.92E-02	2.38E-01	0.00E+00	1.93E-08	7.98E-02	3.55E-02	0.00E+00	5.41E-02	0.00E+00	0.00E+00	3.06E-02	0.00E+00	0.00E+00	2.38E-01
1021	CARTGRID	1	372700	3764200	NonCancerAcute	3.74E-02	3.97E-02	1.92E-01	0.00E+00	2.03E-08	6.94E-02	3.71E-02	0.00E+00	5.70E-02	0.00E+00	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.92E-01
1022	CARTGRID	1	372800	3764200	NonCancerAcute	2.43E-02	2.63E-02	1.27E-01	0.00E+00	1.89E-08	5.11E-02	3.39E-02	0.00E+00	5.20E-02	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.27E-01
1023	CARTGRID	1	372900	3764200	NonCancerAcute	1.96E-02	2.15E-02	1.04E-01	0.00E+00	1.67E-08	4.42E-02	3.04E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	2.26E-02	0.00E+00	0.00E+00	1.04E-01
1024	CARTGRID	1	373000	3764200	NonCancerAcute	1.68E-02	1.83E-02	8.95E-02	0.00E+00	1.74E-08	3.73E-02	2.89E-02	0.00E+00	4.25E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	8.95E-02
1025	CARTGRID	1	373100	3764200	NonCancerAcute	1.60E-02	1.75E-02	8.54E-02	0.00E+00	1.78E-08	3.60E-02	2.93E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.54E-02
1026	CARTGRID	1	373200	3764200	NonCancerAcute	1.42E-02	1.55E-02	7.63E-02	0.00E+00	1.85E-08	3.18E-02	2.85E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.63E-02
1027	CARTGRID	1	373300	3764200	NonCancerAcute	1.38E-02	1.49E-02	7.39E-02	0.00E+00	2.16E-08	3.03E-02	3.13E-02	0.00E+00	4.17E-02	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	7.39E-02
1028	CARTGRID	1	373400	3764200	NonCancerAcute	1.26E-02	1.36E-02	6.79E-02	0.00E+00	2.08E-08	2.77E-02	2.95E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.79E-02
1029	CARTGRID	1	373500	3764200	NonCancerAcute	1.29E-02	1.39E-02	6.91E-02	0.00E+00	2.50E-08	2.77E-02	3.40E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.91E-02
1030	CARTGRID	1	373600	3764200	NonCancerAcute	1.28E-02	1.38E-02	6.94E-02	0.00E+00	3.12E-08	2.82E-02	4.10E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.94E-02
1031	CARTGRID	1	373700	3764200	NonCancerAcute	1.43E-02	1.55E-02	7.84E-02	0.00E+00	2.89E-08	3.25E-02	3.93E-02	0.00E+00	4.98E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	7.84E-02
1032	CARTGRID	1	373800	3764200	NonCancerAcute	1.15E-02	1.25E-02	6.30E-02	0.00E+00	1.97E-08	2.66E-02	2.80E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.30E-02
1033	CARTGRID	1	373900	3764200	NonCancerAcute	1.19E-02	1.29E-02	6.53E-02	0.00E+00	2.42E-08	2.74E-02	3.33E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.53E-02
1034	CARTGRID	1	374000	3764200	NonCancerAcute	1.15E-02	1.25E-02	6.34E-02	0.00E+00	2.69E-08	2.68E-02	3.61E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.34E-02
1035	CARTGRID	1	374100	3764200	NonCancerAcute	9.95E-03	1.07E-02	5.47E-02	0.00E+00	2.76E-08	2.29E-02	3.58E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.47E-02
1036	CARTGRID	1	374200	3764200	NonCancerAcute	9.82E-03	1.06E-02	5.37E-02	0.00E+00	1.93E-08	2.27E-02	2.67E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.37E-02
1037	CARTGRID	1	374300	3764200	NonCancerAcute	9.61E-03	1.04E-02	5.22E-02	0.00E+00	1.77E-08	2.16E-02	2.47E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.22E-02
1038	CARTGRID	1	374400	3764200	NonCancerAcute	9.34E-03	1.01E-02	5.08E-02	0.00E+00	1.75E-08	2.11E-02	2.42E-02	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.08E-02
1039	CARTGRID	1	374500	3764200	NonCancerAcute	6.91E-03	7.47E-03	3.78E-02	0.00E+00	1.99E-08	1.59E-02	2.59E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	3.78E-02
1040	CARTGRID	1	374600	3764200	NonCancerAcute	6.15E-03	6.62E-03	3.30E-02	0.00E+00	1.32E-08	1.34E-02	1.78E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	3.30E-02
1041	CARTGRID	1	374700	3764200	NonCancerAcute	5.52E-03	5.95E-03	2.97E-02	0.00E+00	1.08E-08	1.21E-02	1.47E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	2.97E-02
1042	CARTGRID	1	374800	3764200	NonCancerAcute	5.32E-03	5.74E-03	2.86E-02	0.00E+00	1.19E-08	1.17E-02	1.59E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	2.86E-02
1043	CARTGRID	1	374900	3764200	NonCancerAcute	5.29E-03	5.75E-03	2.91E-02	0.00E+00	1.59E-08	1.24E-02	2.06E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	2.91E-02
1044	CARTGRID	1	375000	3764200	NonCancerAcute	4.77E-03	5.16E-03	2.58E-02	0.00E+00	1.07E-08	1.07E-02	1.44E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	2.58E-02
1045	CARTGRID	1	371500	3764300	NonCancerAcute	4.92E-03	5.31E-03	2.61E-02	0.00E+00	5.05E-09	1.04E-02	8.08E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	2.61E-02
1046	CARTGRID	1	371600	3764300	NonCancerAcute	5.47E-03	5.91E-03	2.90E-02	0.00E+00	5.41E-09	1.16E-02	8.77E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	2.90E-02
1047	CARTGRID	1	371700	3764300	NonCancerAcute	6.03E-03	6.52E-03	3.20E-02	0.00E+00	5.71E-09	1.29E-02	9.44E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	3.20E-02
1048	CARTGRID	1	371800	3764300	NonCancerAcute	6.64E-03	7.21E-03	3.56E-02	0.00E+00	5.99E-09	1.48E-02	1.03E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	3.56E-02
1049	CARTGRID	1	371900	3764300	NonCancerAcute	7.83E-03	8.56E-03	4.18E-02	0.00E+00	6.47E-09	1.75E-02	1.17E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	8.99E-03	0.00E+00	0.00E+00	4.18E-02
1050	CARTGRID	1	372000	3764300	NonCancerAcute	9.49E-03	1.05E-02	5.12E-02	0.00E+00	6.92E-09	2.27E-02	1.41E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.12E-02
1051	CARTGRID	1	372100	3764300	NonCancerAcute	1.11E-02	1.23E-02	5.98E-02	0.00E+00	8.61E-09	2.58E-02	1.65E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.98E-02
1052	CARTGRID	1	372200	3764300	NonCancerAcute	1.39E-02	1.53E-02	7.48E-02	0.00E+00	1.02E-08	3.26E-02	2.01E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	7.48E-02
1053	CARTGRID	1	372300	3764300	NonCancerAcute	1.74E-02	1.91E-02	9.39E-02	0.00E+00	1.41E-08	4.02E-02	2.61E-02	0.00E+00	4.08E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	9.39E-02
1054	CARTGRID	1	372400	3764300	NonCancerAcute	2.64E-02	2.81E-02	1.40E-01	0.00E+00	1.50E-08	5.36E-02	2.76E-02	0.00E+00	4.26E-02	0.00E+00	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.40E-01
1055	CARTGRID	1	372500	3764300	NonCancerAcute	5.89E-02	6.07E-02	2.92E-01	0.00E+00	1.58E-08	8.86E-02	2.97E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	2.80E-02	0.00E+00	0.00E+00	2.92E-01
1056	CARTGRID	1	372600	3764300	NonCancerAcute	3.31E-02	3.51E-02	1.71E-01	0.00E+00	1.80E-08	6.20E-02	3.23E-02	0.00E+00	4.91E-02	0.00E+00	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.71E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1057	CARTGRID	1	372700	3764300	NonCancerAcute	2.93E-02	3.12E-02	1.52E-01	0.00E+00	1.89E-08	5.63E-02	3.30E-02	0.00E+00	4.96E-02	0.00E+00	0.00E+00	2.51E-02	0.00E+00	0.00E+00	1.52E-01
1058	CARTGRID	1	372800	3764300	NonCancerAcute	2.03E-02	2.21E-02	1.08E-01	0.00E+00	1.98E-08	4.40E-02	3.32E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.08E-01
1059	CARTGRID	1	372900	3764300	NonCancerAcute	1.68E-02	1.84E-02	8.95E-02	0.00E+00	1.61E-08	3.72E-02	2.75E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	8.95E-02
1060	CARTGRID	1	373000	3764300	NonCancerAcute	1.50E-02	1.63E-02	7.98E-02	0.00E+00	1.66E-08	3.29E-02	2.69E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	7.98E-02
1061	CARTGRID	1	373100	3764300	NonCancerAcute	1.38E-02	1.49E-02	7.34E-02	0.00E+00	1.52E-08	2.97E-02	2.42E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	7.34E-02
1062	CARTGRID	1	373200	3764300	NonCancerAcute	1.27E-02	1.38E-02	6.78E-02	0.00E+00	1.64E-08	2.75E-02	2.48E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.78E-02
1063	CARTGRID	1	373300	3764300	NonCancerAcute	1.15E-02	1.24E-02	6.14E-02	0.00E+00	1.65E-08	2.50E-02	2.42E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.14E-02
1064	CARTGRID	1	373400	3764300	NonCancerAcute	1.16E-02	1.25E-02	6.22E-02	0.00E+00	1.92E-08	2.51E-02	2.71E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.22E-02
1065	CARTGRID	1	373500	3764300	NonCancerAcute	1.15E-02	1.24E-02	6.16E-02	0.00E+00	2.17E-08	2.47E-02	2.98E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	6.16E-02
1066	CARTGRID	1	373600	3764300	NonCancerAcute	1.39E-02	1.49E-02	7.54E-02	0.00E+00	2.84E-08	3.08E-02	3.83E-02	0.00E+00	4.81E-02	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	7.54E-02
1067	CARTGRID	1	373700	3764300	NonCancerAcute	1.27E-02	1.37E-02	6.93E-02	0.00E+00	2.41E-08	2.89E-02	3.34E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.93E-02
1068	CARTGRID	1	373800	3764300	NonCancerAcute	1.14E-02	1.23E-02	6.18E-02	0.00E+00	1.84E-08	2.55E-02	2.62E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.18E-02
1069	CARTGRID	1	373900	3764300	NonCancerAcute	1.12E-02	1.21E-02	6.10E-02	0.00E+00	1.96E-08	2.55E-02	2.76E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	6.10E-02
1070	CARTGRID	1	374000	3764300	NonCancerAcute	1.07E-02	1.16E-02	5.90E-02	0.00E+00	2.47E-08	2.49E-02	3.32E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.90E-02
1071	CARTGRID	1	374100	3764300	NonCancerAcute	8.16E-03	8.79E-03	4.45E-02	0.00E+00	2.24E-08	1.84E-02	2.91E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	9.66E-03	0.00E+00	0.00E+00	4.45E-02
1072	CARTGRID	1	374200	3764300	NonCancerAcute	9.75E-03	1.05E-02	5.35E-02	0.00E+00	2.22E-08	2.25E-02	2.98E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.35E-02
1073	CARTGRID	1	374300	3764300	NonCancerAcute	9.08E-03	9.83E-03	4.97E-02	0.00E+00	1.94E-08	2.09E-02	2.64E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.97E-02
1074	CARTGRID	1	374400	3764300	NonCancerAcute	9.02E-03	9.73E-03	4.89E-02	0.00E+00	1.64E-08	2.02E-02	2.28E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.89E-02
1075	CARTGRID	1	374500	3764300	NonCancerAcute	8.32E-03	8.99E-03	4.56E-02	0.00E+00	1.85E-08	1.91E-02	2.49E-02	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.56E-02
1076	CARTGRID	1	374600	3764300	NonCancerAcute	7.41E-03	8.00E-03	4.05E-02	0.00E+00	1.83E-08	1.68E-02	2.42E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	8.85E-03	0.00E+00	0.00E+00	4.05E-02
1077	CARTGRID	1	374700	3764300	NonCancerAcute	5.91E-03	6.39E-03	3.21E-02	0.00E+00	1.59E-08	1.34E-02	2.08E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	7.02E-03	0.00E+00	0.00E+00	3.21E-02
1078	CARTGRID	1	374800	3764300	NonCancerAcute	4.85E-03	5.22E-03	2.61E-02	0.00E+00	8.98E-09	1.06E-02	1.24E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.61E-02
1079	CARTGRID	1	374900	3764300	NonCancerAcute	4.66E-03	5.02E-03	2.51E-02	0.00E+00	9.29E-09	1.02E-02	1.27E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	5.20E-03	0.00E+00	0.00E+00	2.51E-02
1080	CARTGRID	1	375000	3764300	NonCancerAcute	4.26E-03	4.60E-03	2.30E-02	0.00E+00	8.59E-09	9.43E-03	1.17E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	2.30E-02
1081	CARTGRID	1	371500	3764400	NonCancerAcute	4.72E-03	5.10E-03	2.50E-02	0.00E+00	4.95E-09	1.01E-02	7.89E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	2.50E-02
1082	CARTGRID	1	371600	3764400	NonCancerAcute	5.16E-03	5.58E-03	2.74E-02	0.00E+00	5.19E-09	1.11E-02	8.42E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.48E-03	0.00E+00	0.00E+00	2.74E-02
1083	CARTGRID	1	371700	3764400	NonCancerAcute	5.67E-03	6.14E-03	3.01E-02	0.00E+00	5.53E-09	1.22E-02	9.12E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	3.01E-02
1084	CARTGRID	1	371800	3764400	NonCancerAcute	6.52E-03	7.07E-03	3.46E-02	0.00E+00	5.78E-09	1.40E-02	9.84E-03	0.00E+00	1.47E-02	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	3.46E-02
1085	CARTGRID	1	371900	3764400	NonCancerAcute	7.37E-03	8.04E-03	3.93E-02	0.00E+00	6.17E-09	1.64E-02	1.10E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	8.31E-03	0.00E+00	0.00E+00	3.93E-02
1086	CARTGRID	1	372000	3764400	NonCancerAcute	8.71E-03	9.61E-03	4.71E-02	0.00E+00	6.75E-09	2.05E-02	1.30E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.71E-02
1087	CARTGRID	1	372100	3764400	NonCancerAcute	1.05E-02	1.15E-02	5.62E-02	0.00E+00	8.20E-09	2.41E-02	1.56E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.62E-02
1088	CARTGRID	1	372200	3764400	NonCancerAcute	1.44E-02	1.60E-02	7.83E-02	0.00E+00	1.28E-08	3.49E-02	2.41E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	7.83E-02
1089	CARTGRID	1	372300	3764400	NonCancerAcute	1.89E-02	2.05E-02	1.02E-01	0.00E+00	1.49E-08	4.18E-02	2.64E-02	0.00E+00	4.03E-02	0.00E+00	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.02E-01
1090	CARTGRID	1	372400	3764400	NonCancerAcute	3.01E-02	3.16E-02	1.55E-01	0.00E+00	1.40E-08	5.45E-02	2.52E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.55E-01
1091	CARTGRID	1	372500	3764400	NonCancerAcute	2.45E-02	2.62E-02	1.29E-01	0.00E+00	1.62E-08	4.98E-02	2.84E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.29E-01
1092	CARTGRID	1	372600	3764400	NonCancerAcute	2.31E-02	2.47E-02	1.22E-01	0.00E+00	1.71E-08	4.77E-02	2.96E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.22E-01
1093	CARTGRID	1	372700	3764400	NonCancerAcute	1.77E-02	1.92E-02	9.40E-02	0.00E+00	1.71E-08	3.80E-02	2.83E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	9.40E-02
1094	CARTGRID	1	372800	3764400	NonCancerAcute	1.61E-02	1.74E-02	8.51E-02	0.00E+00	1.47E-08	3.41E-02	2.46E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	8.51E-02
1095	CARTGRID	1	372900	3764400	NonCancerAcute	1.43E-02	1.55E-02	7.56E-02	0.00E+00	1.38E-08	3.06E-02	2.29E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	7.56E-02
1096	CARTGRID	1	373000	3764400	NonCancerAcute	1.31E-02	1.42E-02	6.94E-02	0.00E+00	1.33E-08	2.83E-02	2.19E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.94E-02
1097	CARTGRID	1	373100	3764400	NonCancerAcute	1.18E-02	1.27E-02	6.27E-02	0.00E+00	1.38E-08	2.54E-02	2.15E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.27E-02
1098	CARTGRID	1	373200	3764400	NonCancerAcute	1.13E-02	1.22E-02	5.99E-02	0.00E+00	1.48E-08	2.41E-02	2.22E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.99E-02
1099	CARTGRID	1	373300	3764400	NonCancerAcute	1.09E-02	1.18E-02	5.85E-02	0.00E+00	1.62E-08	2.36E-02	2.35E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.85E-02
1100	CARTGRID	1	373400	3764400	NonCancerAcute	1.07E-02	1.15E-02	5.70E-02	0.00E+00	1.82E-08	2.28E-02	2.56E-02	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.70E-02
1101	CARTGRID	1	373500	3764400	NonCancerAcute	1.12E-02	1.21E-02	6.04E-02	0.00E+00	2.50E-08	2.46E-02	3.35E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.04E-02
1102	CARTGRID	1	373600	3764400	NonCancerAcute	1.22E-02	1.32E-02	6.65E-02	0.00E+00	2.49E-08	2.75E-02	3.39E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.65E-02
1103	CARTGRID	1	373700	3764400	NonCancerAcute	1.18E-02	1.27E-02	6.37E-02	0.00E+00	1.83E-08	2.58E-02	2.62E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	6.37E-02
1104	CARTGRID	1	373800	3764400	NonCancerAcute	1.07E-02	1.15E-02	5.76E-02	0.00E+00	1.77E-08	2.36E-02	2.51E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.76E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1105	CARTGRID	1	373900	3764400	NonCancerAcute	1.09E-02	1.18E-02	5.97E-02	0.00E+00	1.97E-08	2.48E-02	2.75E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.97E-02
1106	CARTGRID	1	374000	3764400	NonCancerAcute	1.02E-02	1.10E-02	5.57E-02	0.00E+00	2.24E-08	2.32E-02	3.02E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.57E-02
1107	CARTGRID	1	374100	3764400	NonCancerAcute	7.60E-03	8.19E-03	4.14E-02	0.00E+00	1.97E-08	1.71E-02	2.57E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	8.93E-03	0.00E+00	0.00E+00	4.14E-02
1108	CARTGRID	1	374200	3764400	NonCancerAcute	7.09E-03	7.64E-03	3.85E-02	0.00E+00	1.58E-08	1.58E-02	2.11E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	3.85E-02
1109	CARTGRID	1	374300	3764400	NonCancerAcute	7.94E-03	8.57E-03	4.36E-02	0.00E+00	2.04E-08	1.82E-02	2.68E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	9.69E-03	0.00E+00	0.00E+00	4.36E-02
1110	CARTGRID	1	374400	3764400	NonCancerAcute	8.03E-03	8.67E-03	4.39E-02	0.00E+00	1.85E-08	1.83E-02	2.47E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	4.39E-02
1111	CARTGRID	1	374500	3764400	NonCancerAcute	7.74E-03	8.35E-03	4.24E-02	0.00E+00	1.75E-08	1.77E-02	2.34E-02	0.00E+00	2.93E-02	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	4.24E-02
1112	CARTGRID	1	374600	3764400	NonCancerAcute	5.75E-03	6.22E-03	3.14E-02	0.00E+00	1.54E-08	1.32E-02	2.01E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	6.96E-03	0.00E+00	0.00E+00	3.14E-02
1113	CARTGRID	1	374700	3764400	NonCancerAcute	5.10E-03	5.49E-03	2.74E-02	0.00E+00	1.03E-08	1.11E-02	1.40E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	2.74E-02
1114	CARTGRID	1	374800	3764400	NonCancerAcute	4.68E-03	5.04E-03	2.52E-02	0.00E+00	8.61E-09	1.02E-02	1.19E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.52E-02
1115	CARTGRID	1	374900	3764400	NonCancerAcute	4.39E-03	4.73E-03	2.37E-02	0.00E+00	7.99E-09	9.61E-03	1.11E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	2.37E-02
1116	CARTGRID	1	375000	3764400	NonCancerAcute	4.01E-03	4.33E-03	2.16E-02	0.00E+00	7.18E-09	8.91E-03	1.00E-02	0.00E+00	1.30E-02	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	2.16E-02
1117	CARTGRID	1	371500	3764500	NonCancerAcute	4.53E-03	4.89E-03	2.40E-02	0.00E+00	4.83E-09	9.60E-03	7.65E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.72E-03	0.00E+00	0.00E+00	2.40E-02
1118	CARTGRID	1	371600	3764500	NonCancerAcute	5.04E-03	5.44E-03	2.67E-02	0.00E+00	5.03E-09	1.06E-02	8.10E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	2.67E-02
1119	CARTGRID	1	371700	3764500	NonCancerAcute	5.57E-03	6.01E-03	2.94E-02	0.00E+00	5.32E-09	1.17E-02	8.72E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	2.94E-02
1120	CARTGRID	1	371800	3764500	NonCancerAcute	6.19E-03	6.73E-03	3.29E-02	0.00E+00	5.70E-09	1.35E-02	9.71E-03	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	3.29E-02
1121	CARTGRID	1	371900	3764500	NonCancerAcute	7.16E-03	7.81E-03	3.81E-02	0.00E+00	5.99E-09	1.58E-02	1.07E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	8.03E-03	0.00E+00	0.00E+00	3.81E-02
1122	CARTGRID	1	372000	3764500	NonCancerAcute	8.22E-03	8.96E-03	4.38E-02	0.00E+00	6.19E-09	1.82E-02	1.15E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	9.24E-03	0.00E+00	0.00E+00	4.38E-02
1123	CARTGRID	1	372100	3764500	NonCancerAcute	1.03E-02	1.13E-02	5.52E-02	0.00E+00	7.91E-09	2.38E-02	1.53E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.52E-02
1124	CARTGRID	1	372200	3764500	NonCancerAcute	1.19E-02	1.30E-02	6.35E-02	0.00E+00	9.06E-09	2.66E-02	1.69E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	6.35E-02
1125	CARTGRID	1	372300	3764500	NonCancerAcute	1.36E-02	1.47E-02	7.22E-02	0.00E+00	9.78E-09	2.94E-02	1.79E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	7.22E-02
1126	CARTGRID	1	372400	3764500	NonCancerAcute	1.52E-02	1.64E-02	8.11E-02	0.00E+00	1.27E-08	3.29E-02	2.18E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	8.11E-02
1127	CARTGRID	1	372500	3764500	NonCancerAcute	1.81E-02	1.95E-02	9.67E-02	0.00E+00	1.53E-08	3.88E-02	2.59E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	9.67E-02
1128	CARTGRID	1	372600	3764500	NonCancerAcute	1.60E-02	1.73E-02	8.54E-02	0.00E+00	1.64E-08	3.44E-02	2.63E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	1.71E-02	0.00E+00	0.00E+00	8.54E-02
1129	CARTGRID	1	372700	3764500	NonCancerAcute	1.47E-02	1.59E-02	7.79E-02	0.00E+00	1.53E-08	3.15E-02	2.46E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	7.79E-02
1130	CARTGRID	1	372800	3764500	NonCancerAcute	1.28E-02	1.38E-02	6.74E-02	0.00E+00	1.29E-08	2.68E-02	2.07E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.30E-02	0.00E+00	0.00E+00	6.74E-02
1131	CARTGRID	1	372900	3764500	NonCancerAcute	1.22E-02	1.32E-02	6.45E-02	0.00E+00	1.23E-08	2.56E-02	1.98E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	6.45E-02
1132	CARTGRID	1	373000	3764500	NonCancerAcute	1.16E-02	1.26E-02	6.16E-02	0.00E+00	1.32E-08	2.46E-02	2.06E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	6.16E-02
1133	CARTGRID	1	373100	3764500	NonCancerAcute	9.86E-03	1.07E-02	5.26E-02	0.00E+00	1.20E-08	2.13E-02	1.84E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.26E-02
1134	CARTGRID	1	373200	3764500	NonCancerAcute	1.06E-02	1.15E-02	5.63E-02	0.00E+00	1.41E-08	2.23E-02	2.09E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.63E-02
1135	CARTGRID	1	373300	3764500	NonCancerAcute	1.07E-02	1.15E-02	5.69E-02	0.00E+00	1.64E-08	2.25E-02	2.34E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.69E-02
1136	CARTGRID	1	373400	3764500	NonCancerAcute	1.03E-02	1.11E-02	5.49E-02	0.00E+00	1.99E-08	2.21E-02	2.73E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.49E-02
1137	CARTGRID	1	373500	3764500	NonCancerAcute	1.16E-02	1.26E-02	6.32E-02	0.00E+00	2.38E-08	2.61E-02	3.24E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	6.32E-02
1138	CARTGRID	1	373600	3764500	NonCancerAcute	1.02E-02	1.11E-02	5.50E-02	0.00E+00	1.55E-08	2.28E-02	2.27E-02	0.00E+00	3.05E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.50E-02
1139	CARTGRID	1	373700	3764500	NonCancerAcute	1.07E-02	1.15E-02	5.78E-02	0.00E+00	1.66E-08	2.38E-02	2.39E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.78E-02
1140	CARTGRID	1	373800	3764500	NonCancerAcute	1.10E-02	1.18E-02	5.91E-02	0.00E+00	1.95E-08	2.39E-02	2.71E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.91E-02
1141	CARTGRID	1	373900	3764500	NonCancerAcute	9.96E-03	1.08E-02	5.46E-02	0.00E+00	1.92E-08	2.30E-02	2.66E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.46E-02
1142	CARTGRID	1	374000	3764500	NonCancerAcute	9.53E-03	1.03E-02	5.21E-02	0.00E+00	2.04E-08	2.18E-02	2.76E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.21E-02
1143	CARTGRID	1	374100	3764500	NonCancerAcute	8.27E-03	8.94E-03	4.53E-02	0.00E+00	2.19E-08	1.90E-02	2.87E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.53E-02
1144	CARTGRID	1	374200	3764500	NonCancerAcute	6.42E-03	6.90E-03	3.47E-02	0.00E+00	1.39E-08	1.41E-02	1.86E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	7.17E-03	0.00E+00	0.00E+00	3.47E-02
1145	CARTGRID	1	374300	3764500	NonCancerAcute	6.44E-03	6.93E-03	3.49E-02	0.00E+00	1.48E-08	1.43E-02	1.97E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	7.39E-03	0.00E+00	0.00E+00	3.49E-02
1146	CARTGRID	1	374400	3764500	NonCancerAcute	6.03E-03	6.50E-03	3.26E-02	0.00E+00	1.34E-08	1.33E-02	1.79E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	3.26E-02
1147	CARTGRID	1	374500	3764500	NonCancerAcute	5.47E-03	5.89E-03	2.94E-02	0.00E+00	1.14E-08	1.19E-02	1.54E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	2.94E-02
1148	CARTGRID	1	374600	3764500	NonCancerAcute	5.11E-03	5.50E-03	2.76E-02	0.00E+00	9.73E-09	1.12E-02	1.33E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	2.76E-02
1149	CARTGRID	1	374700	3764500	NonCancerAcute	4.72E-03	5.08E-03	2.55E-02	0.00E+00	8.65E-09	1.03E-02	1.19E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	5.27E-03	0.00E+00	0.00E+00	2.55E-02
1150	CARTGRID	1	374800	3764500	NonCancerAcute	4.36E-03	4.70E-03	2.34E-02	0.00E+00	7.84E-09	9.48E-03	1.09E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	2.34E-02
1151	CARTGRID	1	374900	3764500	NonCancerAcute	4.19E-03	4.51E-03	2.25E-02	0.00E+00	7.57E-09	9.11E-03	1.05E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	4.61E-03	0.00E+00	0.00E+00	2.25E-02
1152	CARTGRID	1	375000	3764500	NonCancerAcute	3.97E-03	4.28E-03	2.14E-02	0.00E+00	7.01E-09	8.68E-03	9.77E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	2.14E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1153	CARTGRID	1	371500	3764600	NonCancerAcute	4.50E-03	4.84E-03	2.37E-02	0.00E+00	4.66E-09	9.36E-03	7.36E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.37E-02
1154	CARTGRID	1	371600	3764600	NonCancerAcute	4.92E-03	5.29E-03	2.59E-02	0.00E+00	4.94E-09	1.02E-02	7.88E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	2.59E-02
1155	CARTGRID	1	371700	3764600	NonCancerAcute	5.36E-03	5.78E-03	2.83E-02	0.00E+00	5.21E-09	1.12E-02	8.46E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	2.83E-02
1156	CARTGRID	1	371800	3764600	NonCancerAcute	6.14E-03	6.64E-03	3.24E-02	0.00E+00	5.33E-09	1.29E-02	9.04E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	3.24E-02
1157	CARTGRID	1	371900	3764600	NonCancerAcute	6.69E-03	7.26E-03	3.55E-02	0.00E+00	5.47E-09	1.44E-02	9.65E-03	0.00E+00	1.47E-02	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	3.55E-02
1158	CARTGRID	1	372000	3764600	NonCancerAcute	7.44E-03	8.09E-03	3.96E-02	0.00E+00	6.20E-09	1.63E-02	1.09E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	3.96E-02
1159	CARTGRID	1	372100	3764600	NonCancerAcute	8.92E-03	9.73E-03	4.75E-02	0.00E+00	6.99E-09	1.98E-02	1.28E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.75E-02
1160	CARTGRID	1	372200	3764600	NonCancerAcute	9.50E-03	1.03E-02	5.06E-02	0.00E+00	7.70E-09	2.08E-02	1.37E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.06E-02
1161	CARTGRID	1	372300	3764600	NonCancerAcute	1.18E-02	1.28E-02	6.30E-02	0.00E+00	1.23E-08	2.57E-02	1.99E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.30E-02
1162	CARTGRID	1	372400	3764600	NonCancerAcute	1.28E-02	1.39E-02	6.84E-02	0.00E+00	1.36E-08	2.81E-02	2.18E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.84E-02
1163	CARTGRID	1	372500	3764600	NonCancerAcute	1.51E-02	1.62E-02	8.02E-02	0.00E+00	1.46E-08	3.21E-02	2.36E-02	0.00E+00	3.39E-02	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	8.02E-02
1164	CARTGRID	1	372600	3764600	NonCancerAcute	1.24E-02	1.34E-02	6.59E-02	0.00E+00	1.43E-08	2.65E-02	2.21E-02	0.00E+00	3.09E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	6.59E-02
1165	CARTGRID	1	372700	3764600	NonCancerAcute	1.42E-02	1.53E-02	7.58E-02	0.00E+00	1.66E-08	3.04E-02	2.55E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	7.58E-02
1166	CARTGRID	1	372800	3764600	NonCancerAcute	1.12E-02	1.20E-02	5.89E-02	0.00E+00	1.14E-08	2.32E-02	1.80E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	5.89E-02
1167	CARTGRID	1	372900	3764600	NonCancerAcute	1.03E-02	1.11E-02	5.46E-02	0.00E+00	1.08E-08	2.16E-02	1.70E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	5.46E-02
1168	CARTGRID	1	373000	3764600	NonCancerAcute	9.53E-03	1.03E-02	5.06E-02	0.00E+00	1.08E-08	2.02E-02	1.68E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	9.91E-03	0.00E+00	0.00E+00	5.06E-02
1169	CARTGRID	1	373100	3764600	NonCancerAcute	9.06E-03	9.77E-03	4.81E-02	0.00E+00	1.11E-08	1.92E-02	1.69E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	9.43E-03	0.00E+00	0.00E+00	4.81E-02
1170	CARTGRID	1	373200	3764600	NonCancerAcute	9.16E-03	9.87E-03	4.87E-02	0.00E+00	1.23E-08	1.95E-02	1.82E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	4.87E-02
1171	CARTGRID	1	373300	3764600	NonCancerAcute	9.87E-03	1.06E-02	5.28E-02	0.00E+00	1.72E-08	2.12E-02	2.40E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.28E-02
1172	CARTGRID	1	373400	3764600	NonCancerAcute	9.87E-03	1.06E-02	5.30E-02	0.00E+00	2.13E-08	2.15E-02	2.88E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.30E-02
1173	CARTGRID	1	373500	3764600	NonCancerAcute	1.11E-02	1.19E-02	5.99E-02	0.00E+00	2.16E-08	2.46E-02	2.97E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.99E-02
1174	CARTGRID	1	373600	3764600	NonCancerAcute	1.01E-02	1.09E-02	5.40E-02	0.00E+00	1.46E-08	2.18E-02	2.14E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.40E-02
1175	CARTGRID	1	373700	3764600	NonCancerAcute	1.01E-02	1.10E-02	5.53E-02	0.00E+00	1.93E-08	2.31E-02	2.68E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.53E-02
1176	CARTGRID	1	373800	3764600	NonCancerAcute	9.41E-03	1.01E-02	5.11E-02	0.00E+00	2.05E-08	2.10E-02	2.75E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.11E-02
1177	CARTGRID	1	373900	3764600	NonCancerAcute	7.42E-03	7.99E-03	4.02E-02	0.00E+00	1.78E-08	1.65E-02	2.35E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	4.02E-02
1178	CARTGRID	1	374000	3764600	NonCancerAcute	7.36E-03	7.95E-03	4.04E-02	0.00E+00	2.02E-08	1.70E-02	2.64E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	9.03E-03	0.00E+00	0.00E+00	4.04E-02
1179	CARTGRID	1	374100	3764600	NonCancerAcute	6.95E-03	7.52E-03	3.80E-02	0.00E+00	1.92E-08	1.59E-02	2.52E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	3.80E-02
1180	CARTGRID	1	374200	3764600	NonCancerAcute	6.08E-03	6.55E-03	3.28E-02	0.00E+00	1.32E-08	1.34E-02	1.77E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	3.28E-02
1181	CARTGRID	1	374300	3764600	NonCancerAcute	5.49E-03	5.91E-03	2.97E-02	0.00E+00	1.10E-08	1.22E-02	1.49E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	2.97E-02
1182	CARTGRID	1	374400	3764600	NonCancerAcute	5.50E-03	5.91E-03	2.95E-02	0.00E+00	1.10E-08	1.18E-02	1.49E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	5.94E-03	0.00E+00	0.00E+00	2.95E-02
1183	CARTGRID	1	374500	3764600	NonCancerAcute	5.02E-03	5.40E-03	2.70E-02	0.00E+00	9.46E-09	1.09E-02	1.30E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	2.70E-02
1184	CARTGRID	1	374600	3764600	NonCancerAcute	4.60E-03	4.96E-03	2.48E-02	0.00E+00	8.26E-09	1.01E-02	1.15E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	5.19E-03	0.00E+00	0.00E+00	2.48E-02
1185	CARTGRID	1	374700	3764600	NonCancerAcute	4.33E-03	4.67E-03	2.34E-02	0.00E+00	7.60E-09	9.56E-03	1.06E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.34E-02
1186	CARTGRID	1	374800	3764600	NonCancerAcute	4.11E-03	4.43E-03	2.22E-02	0.00E+00	7.30E-09	9.06E-03	1.02E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	2.22E-02
1187	CARTGRID	1	374900	3764600	NonCancerAcute	3.99E-03	4.29E-03	2.14E-02	0.00E+00	7.00E-09	8.62E-03	9.74E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	2.14E-02
1188	CARTGRID	1	375000	3764600	NonCancerAcute	3.78E-03	4.07E-03	2.04E-02	0.00E+00	6.76E-09	8.27E-03	9.40E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	2.04E-02
1189	CARTGRID	1	371500	3764700	NonCancerAcute	4.43E-03	4.76E-03	2.33E-02	0.00E+00	4.59E-09	9.07E-03	7.19E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	2.33E-02
1190	CARTGRID	1	371600	3764700	NonCancerAcute	4.70E-03	5.05E-03	2.47E-02	0.00E+00	4.69E-09	9.67E-03	7.44E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	2.47E-02
1191	CARTGRID	1	371700	3764700	NonCancerAcute	5.25E-03	5.64E-03	2.76E-02	0.00E+00	4.78E-09	1.07E-02	7.78E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	2.76E-02
1192	CARTGRID	1	371800	3764700	NonCancerAcute	5.57E-03	6.00E-03	2.94E-02	0.00E+00	5.09E-09	1.16E-02	8.39E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	2.94E-02
1193	CARTGRID	1	371900	3764700	NonCancerAcute	6.20E-03	6.70E-03	3.28E-02	0.00E+00	5.61E-09	1.31E-02	9.33E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	3.28E-02
1194	CARTGRID	1	372000	3764700	NonCancerAcute	7.21E-03	7.79E-03	3.81E-02	0.00E+00	6.51E-09	1.53E-02	1.09E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	7.47E-03	0.00E+00	0.00E+00	3.81E-02
1195	CARTGRID	1	372100	3764700	NonCancerAcute	7.55E-03	8.17E-03	4.01E-02	0.00E+00	6.88E-09	1.62E-02	1.16E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	8.08E-03	0.00E+00	0.00E+00	4.01E-02
1196	CARTGRID	1	372200	3764700	NonCancerAcute	8.46E-03	9.16E-03	4.49E-02	0.00E+00	7.51E-09	1.82E-02	1.27E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	4.49E-02
1197	CARTGRID	1	372300	3764700	NonCancerAcute	9.91E-03	1.07E-02	5.26E-02	0.00E+00	9.98E-09	2.13E-02	1.62E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.26E-02
1198	CARTGRID	1	372400	3764700	NonCancerAcute	1.21E-02	1.31E-02	6.46E-02	0.00E+00	1.36E-08	2.63E-02	2.14E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	6.46E-02
1199	CARTGRID	1	372500	3764700	NonCancerAcute	1.30E-02	1.40E-02	6.91E-02	0.00E+00	1.39E-08	2.76E-02	2.18E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	6.91E-02
1200	CARTGRID	1	372600	3764700	NonCancerAcute	1.07E-02	1.16E-02	5.72E-02	0.00E+00	1.37E-08	2.30E-02	2.06E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	5.72E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1201	CARTGRID	1	372700	3764700	NonCancerAcute	9.85E-03	1.06E-02	5.21E-02	0.00E+00	1.05E-08	2.07E-02	1.65E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.21E-02
1202	CARTGRID	1	372800	3764700	NonCancerAcute	9.76E-03	1.05E-02	5.15E-02	0.00E+00	9.94E-09	2.01E-02	1.56E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	5.15E-02
1203	CARTGRID	1	372900	3764700	NonCancerAcute	8.85E-03	9.53E-03	4.68E-02	0.00E+00	9.83E-09	1.85E-02	1.52E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	4.68E-02
1204	CARTGRID	1	373000	3764700	NonCancerAcute	8.47E-03	9.12E-03	4.50E-02	0.00E+00	9.91E-09	1.79E-02	1.52E-02	0.00E+00	2.11E-02	0.00E+00	0.00E+00	8.82E-03	0.00E+00	0.00E+00	4.50E-02
1205	CARTGRID	1	373100	3764700	NonCancerAcute	8.31E-03	8.94E-03	4.40E-02	0.00E+00	1.01E-08	1.74E-02	1.53E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	4.40E-02
1206	CARTGRID	1	373200	3764700	NonCancerAcute	8.20E-03	8.84E-03	4.36E-02	0.00E+00	1.12E-08	1.75E-02	1.65E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	8.63E-03	0.00E+00	0.00E+00	4.36E-02
1207	CARTGRID	1	373300	3764700	NonCancerAcute	9.12E-03	9.82E-03	4.88E-02	0.00E+00	1.68E-08	1.96E-02	2.32E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	4.88E-02
1208	CARTGRID	1	373400	3764700	NonCancerAcute	1.09E-02	1.17E-02	5.83E-02	0.00E+00	1.82E-08	2.37E-02	2.58E-02	0.00E+00	3.36E-02	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.83E-02
1209	CARTGRID	1	373500	3764700	NonCancerAcute	1.02E-02	1.10E-02	5.53E-02	0.00E+00	1.90E-08	2.28E-02	2.64E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.53E-02
1210	CARTGRID	1	373600	3764700	NonCancerAcute	9.44E-03	1.02E-02	5.12E-02	0.00E+00	1.88E-08	2.12E-02	2.59E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.12E-02
1211	CARTGRID	1	373700	3764700	NonCancerAcute	7.45E-03	8.03E-03	4.03E-02	0.00E+00	1.61E-08	1.65E-02	2.17E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	8.48E-03	0.00E+00	0.00E+00	4.03E-02
1212	CARTGRID	1	373800	3764700	NonCancerAcute	7.14E-03	7.68E-03	3.84E-02	0.00E+00	1.34E-08	1.55E-02	1.84E-02	0.00E+00	2.35E-02	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	3.84E-02
1213	CARTGRID	1	373900	3764700	NonCancerAcute	6.53E-03	7.01E-03	3.50E-02	0.00E+00	1.24E-08	1.39E-02	1.69E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	6.94E-03	0.00E+00	0.00E+00	3.50E-02
1214	CARTGRID	1	374000	3764700	NonCancerAcute	6.32E-03	6.78E-03	3.41E-02	0.00E+00	1.22E-08	1.37E-02	1.66E-02	0.00E+00	2.10E-02	0.00E+00	0.00E+00	6.94E-03	0.00E+00	0.00E+00	3.41E-02
1215	CARTGRID	1	374100	3764700	NonCancerAcute	5.93E-03	6.38E-03	3.19E-02	0.00E+00	1.17E-08	1.29E-02	1.59E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	3.19E-02
1216	CARTGRID	1	374200	3764700	NonCancerAcute	5.40E-03	5.81E-03	2.91E-02	0.00E+00	1.03E-08	1.19E-02	1.41E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	6.05E-03	0.00E+00	0.00E+00	2.91E-02
1217	CARTGRID	1	374300	3764700	NonCancerAcute	4.97E-03	5.36E-03	2.70E-02	0.00E+00	9.63E-09	1.11E-02	1.32E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.70E-02
1218	CARTGRID	1	374400	3764700	NonCancerAcute	4.74E-03	5.11E-03	2.57E-02	0.00E+00	8.64E-09	1.05E-02	1.20E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	2.57E-02
1219	CARTGRID	1	374500	3764700	NonCancerAcute	4.54E-03	4.88E-03	2.44E-02	0.00E+00	7.86E-09	9.87E-03	1.10E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	2.44E-02
1220	CARTGRID	1	374600	3764700	NonCancerAcute	4.30E-03	4.63E-03	2.32E-02	0.00E+00	7.76E-09	9.45E-03	1.08E-02	0.00E+00	1.39E-02	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	2.32E-02
1221	CARTGRID	1	374700	3764700	NonCancerAcute	4.14E-03	4.46E-03	2.23E-02	0.00E+00	7.13E-09	9.09E-03	9.98E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	2.23E-02
1222	CARTGRID	1	374800	3764700	NonCancerAcute	3.99E-03	4.29E-03	2.15E-02	0.00E+00	6.77E-09	8.72E-03	9.49E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	2.15E-02
1223	CARTGRID	1	374900	3764700	NonCancerAcute	3.77E-03	4.06E-03	2.03E-02	0.00E+00	6.54E-09	8.24E-03	9.14E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	2.03E-02
1224	CARTGRID	1	375000	3764700	NonCancerAcute	3.65E-03	3.93E-03	1.96E-02	0.00E+00	6.25E-09	7.89E-03	8.75E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	1.96E-02
1225	CARTGRID	1	371500	3764800	NonCancerAcute	4.27E-03	4.58E-03	2.25E-02	0.00E+00	4.26E-09	8.70E-03	6.70E-03	0.00E+00	9.50E-03	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	2.25E-02
1226	CARTGRID	1	371600	3764800	NonCancerAcute	4.57E-03	4.90E-03	2.40E-02	0.00E+00	4.32E-09	9.28E-03	6.91E-03	0.00E+00	9.91E-03	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	2.40E-02
1227	CARTGRID	1	371700	3764800	NonCancerAcute	4.78E-03	5.14E-03	2.52E-02	0.00E+00	4.74E-09	9.91E-03	7.57E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.78E-03	0.00E+00	0.00E+00	2.52E-02
1228	CARTGRID	1	371800	3764800	NonCancerAcute	5.30E-03	5.70E-03	2.79E-02	0.00E+00	5.03E-09	1.10E-02	8.11E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	2.79E-02
1229	CARTGRID	1	371900	3764800	NonCancerAcute	5.78E-03	6.24E-03	3.06E-02	0.00E+00	5.45E-09	1.22E-02	8.90E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	3.06E-02
1230	CARTGRID	1	372000	3764800	NonCancerAcute	6.39E-03	6.91E-03	3.39E-02	0.00E+00	6.48E-09	1.37E-02	1.05E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.78E-03	0.00E+00	0.00E+00	3.39E-02
1231	CARTGRID	1	372100	3764800	NonCancerAcute	7.08E-03	7.65E-03	3.76E-02	0.00E+00	6.99E-09	1.51E-02	1.14E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	7.42E-03	0.00E+00	0.00E+00	3.76E-02
1232	CARTGRID	1	372200	3764800	NonCancerAcute	7.70E-03	8.31E-03	4.07E-02	0.00E+00	7.41E-09	1.62E-02	1.21E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	7.93E-03	0.00E+00	0.00E+00	4.07E-02
1233	CARTGRID	1	372300	3764800	NonCancerAcute	1.05E-02	1.14E-02	5.63E-02	0.00E+00	1.23E-08	2.26E-02	1.89E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.63E-02
1234	CARTGRID	1	372400	3764800	NonCancerAcute	1.15E-02	1.24E-02	6.10E-02	0.00E+00	1.22E-08	2.43E-02	1.92E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	6.10E-02
1235	CARTGRID	1	372500	3764800	NonCancerAcute	1.16E-02	1.25E-02	6.17E-02	0.00E+00	1.30E-08	2.46E-02	2.00E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	6.17E-02
1236	CARTGRID	1	372600	3764800	NonCancerAcute	9.51E-03	1.03E-02	5.07E-02	0.00E+00	1.34E-08	2.05E-02	1.98E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.07E-02
1237	CARTGRID	1	372700	3764800	NonCancerAcute	8.61E-03	9.27E-03	4.56E-02	0.00E+00	9.49E-09	1.81E-02	1.47E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	8.79E-03	0.00E+00	0.00E+00	4.56E-02
1238	CARTGRID	1	372800	3764800	NonCancerAcute	8.42E-03	9.04E-03	4.45E-02	0.00E+00	8.78E-09	1.74E-02	1.37E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	4.45E-02
1239	CARTGRID	1	372900	3764800	NonCancerAcute	8.00E-03	8.60E-03	4.23E-02	0.00E+00	9.10E-09	1.67E-02	1.39E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	4.23E-02
1240	CARTGRID	1	373000	3764800	NonCancerAcute	7.57E-03	8.15E-03	4.02E-02	0.00E+00	9.12E-09	1.60E-02	1.38E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	4.02E-02
1241	CARTGRID	1	373100	3764800	NonCancerAcute	7.42E-03	7.98E-03	3.93E-02	0.00E+00	9.20E-09	1.55E-02	1.38E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	3.93E-02
1242	CARTGRID	1	373200	3764800	NonCancerAcute	7.71E-03	8.29E-03	4.09E-02	0.00E+00	1.06E-08	1.62E-02	1.55E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	7.92E-03	0.00E+00	0.00E+00	4.09E-02
1243	CARTGRID	1	373300	3764800	NonCancerAcute	8.14E-03	8.78E-03	4.37E-02	0.00E+00	1.60E-08	1.77E-02	2.20E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	8.97E-03	0.00E+00	0.00E+00	4.37E-02
1244	CARTGRID	1	373400	3764800	NonCancerAcute	8.47E-03	9.14E-03	4.58E-02	0.00E+00	1.82E-08	1.88E-02	2.46E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	9.62E-03	0.00E+00	0.00E+00	4.58E-02
1245	CARTGRID	1	373500	3764800	NonCancerAcute	7.46E-03	8.03E-03	3.98E-02	0.00E+00	1.27E-08	1.59E-02	1.77E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	3.98E-02
1246	CARTGRID	1	373600	3764800	NonCancerAcute	6.75E-03	7.26E-03	3.61E-02	0.00E+00	1.21E-08	1.45E-02	1.68E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	7.25E-03	0.00E+00	0.00E+00	3.61E-02
1247	CARTGRID	1	373700	3764800	NonCancerAcute	6.24E-03	6.72E-03	3.36E-02	0.00E+00	1.11E-08	1.36E-02	1.54E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	3.36E-02
1248	CARTGRID	1	373800	3764800	NonCancerAcute	5.94E-03	6.40E-03	3.20E-02	0.00E+00	9.82E-09	1.29E-02	1.38E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	6.54E-03	0.00E+00	0.00E+00	3.20E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1249	CARTGRID	1	373900	3764800	NonCancerAcute	5.59E-03	6.02E-03	3.00E-02	0.00E+00	1.01E-08	1.21E-02	1.39E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	3.00E-02
1250	CARTGRID	1	374000	3764800	NonCancerAcute	5.42E-03	5.83E-03	2.93E-02	0.00E+00	9.50E-09	1.19E-02	1.32E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	2.93E-02
1251	CARTGRID	1	374100	3764800	NonCancerAcute	5.17E-03	5.57E-03	2.80E-02	0.00E+00	9.34E-09	1.14E-02	1.29E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	2.80E-02
1252	CARTGRID	1	374200	3764800	NonCancerAcute	4.92E-03	5.30E-03	2.66E-02	0.00E+00	8.77E-09	1.08E-02	1.22E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	2.66E-02
1253	CARTGRID	1	374300	3764800	NonCancerAcute	4.70E-03	5.06E-03	2.54E-02	0.00E+00	8.57E-09	1.04E-02	1.18E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.54E-02
1254	CARTGRID	1	374400	3764800	NonCancerAcute	4.42E-03	4.76E-03	2.39E-02	0.00E+00	8.20E-09	9.83E-03	1.13E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	5.08E-03	0.00E+00	0.00E+00	2.39E-02
1255	CARTGRID	1	374500	3764800	NonCancerAcute	4.21E-03	4.54E-03	2.28E-02	0.00E+00	7.44E-09	9.30E-03	1.04E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	2.28E-02
1256	CARTGRID	1	374600	3764800	NonCancerAcute	4.08E-03	4.40E-03	2.20E-02	0.00E+00	7.09E-09	8.93E-03	9.90E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	2.20E-02
1257	CARTGRID	1	374700	3764800	NonCancerAcute	3.93E-03	4.23E-03	2.12E-02	0.00E+00	6.93E-09	8.65E-03	9.66E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.12E-02
1258	CARTGRID	1	374800	3764800	NonCancerAcute	3.85E-03	4.15E-03	2.07E-02	0.00E+00	6.34E-09	8.37E-03	8.94E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	2.07E-02
1259	CARTGRID	1	374900	3764800	NonCancerAcute	3.68E-03	3.96E-03	1.98E-02	0.00E+00	6.10E-09	7.99E-03	8.58E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.03E-03	0.00E+00	0.00E+00	1.98E-02
1260	CARTGRID	1	375000	3764800	NonCancerAcute	3.51E-03	3.77E-03	1.88E-02	0.00E+00	5.90E-09	7.59E-03	8.27E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	1.88E-02
1261	CARTGRID	1	371500	3764900	NonCancerAcute	4.15E-03	4.45E-03	2.18E-02	0.00E+00	4.14E-09	8.41E-03	6.50E-03	0.00E+00	9.20E-03	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	2.18E-02
1262	CARTGRID	1	371600	3764900	NonCancerAcute	4.32E-03	4.64E-03	2.27E-02	0.00E+00	4.42E-09	8.86E-03	6.93E-03	0.00E+00	9.79E-03	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	2.27E-02
1263	CARTGRID	1	371700	3764900	NonCancerAcute	4.61E-03	4.96E-03	2.43E-02	0.00E+00	4.60E-09	9.53E-03	7.28E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.58E-03	0.00E+00	0.00E+00	2.43E-02
1264	CARTGRID	1	371800	3764900	NonCancerAcute	4.84E-03	5.21E-03	2.56E-02	0.00E+00	4.87E-09	1.01E-02	7.73E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	2.56E-02
1265	CARTGRID	1	371900	3764900	NonCancerAcute	5.04E-03	5.43E-03	2.68E-02	0.00E+00	5.12E-09	1.08E-02	8.21E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.32E-03	0.00E+00	0.00E+00	2.68E-02
1266	CARTGRID	1	372000	3764900	NonCancerAcute	5.88E-03	6.35E-03	3.12E-02	0.00E+00	6.09E-09	1.26E-02	9.74E-03	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	3.12E-02
1267	CARTGRID	1	372100	3764900	NonCancerAcute	6.40E-03	6.90E-03	3.39E-02	0.00E+00	6.27E-09	1.34E-02	1.01E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	3.39E-02
1268	CARTGRID	1	372200	3764900	NonCancerAcute	6.92E-03	7.46E-03	3.65E-02	0.00E+00	7.10E-09	1.44E-02	1.13E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	3.65E-02
1269	CARTGRID	1	372300	3764900	NonCancerAcute	7.80E-03	8.42E-03	4.14E-02	0.00E+00	1.00E-08	1.66E-02	1.51E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	4.14E-02
1270	CARTGRID	1	372400	3764900	NonCancerAcute	1.00E-02	1.08E-02	5.35E-02	0.00E+00	1.20E-08	2.14E-02	1.83E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.35E-02
1271	CARTGRID	1	372500	3764900	NonCancerAcute	1.05E-02	1.13E-02	5.58E-02	0.00E+00	1.26E-08	2.22E-02	1.90E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	5.58E-02
1272	CARTGRID	1	372600	3764900	NonCancerAcute	8.28E-03	8.93E-03	4.42E-02	0.00E+00	1.16E-08	1.77E-02	1.70E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	8.81E-03	0.00E+00	0.00E+00	4.42E-02
1273	CARTGRID	1	372700	3764900	NonCancerAcute	7.81E-03	8.41E-03	4.14E-02	0.00E+00	8.93E-09	1.64E-02	1.37E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	4.14E-02
1274	CARTGRID	1	372800	3764900	NonCancerAcute	7.20E-03	7.74E-03	3.81E-02	0.00E+00	8.19E-09	1.51E-02	1.26E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	3.81E-02
1275	CARTGRID	1	372900	3764900	NonCancerAcute	6.89E-03	7.41E-03	3.66E-02	0.00E+00	7.90E-09	1.45E-02	1.21E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	3.66E-02
1276	CARTGRID	1	373000	3764900	NonCancerAcute	6.78E-03	7.29E-03	3.59E-02	0.00E+00	8.19E-09	1.42E-02	1.24E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.91E-03	0.00E+00	0.00E+00	3.59E-02
1277	CARTGRID	1	373100	3764900	NonCancerAcute	6.64E-03	7.14E-03	3.52E-02	0.00E+00	8.20E-09	1.40E-02	1.23E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	3.52E-02
1278	CARTGRID	1	373200	3764900	NonCancerAcute	6.60E-03	7.10E-03	3.51E-02	0.00E+00	8.82E-09	1.40E-02	1.30E-02	0.00E+00	1.76E-02	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	3.51E-02
1279	CARTGRID	1	373300	3764900	NonCancerAcute	7.14E-03	7.68E-03	3.80E-02	0.00E+00	1.15E-08	1.51E-02	1.62E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	7.45E-03	0.00E+00	0.00E+00	3.80E-02
1280	CARTGRID	1	373400	3764900	NonCancerAcute	6.80E-03	7.30E-03	3.61E-02	0.00E+00	1.10E-08	1.42E-02	1.55E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	3.61E-02
1281	CARTGRID	1	373500	3764900	NonCancerAcute	6.38E-03	6.86E-03	3.40E-02	0.00E+00	1.01E-08	1.35E-02	1.43E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	3.40E-02
1282	CARTGRID	1	373600	3764900	NonCancerAcute	6.09E-03	6.55E-03	3.26E-02	0.00E+00	9.81E-09	1.30E-02	1.39E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	3.26E-02
1283	CARTGRID	1	373700	3764900	NonCancerAcute	5.54E-03	5.97E-03	2.98E-02	0.00E+00	9.27E-09	1.21E-02	1.31E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	2.98E-02
1284	CARTGRID	1	373800	3764900	NonCancerAcute	5.34E-03	5.75E-03	2.88E-02	0.00E+00	8.56E-09	1.17E-02	1.21E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	2.88E-02
1285	CARTGRID	1	373900	3764900	NonCancerAcute	5.04E-03	5.43E-03	2.72E-02	0.00E+00	8.96E-09	1.10E-02	1.25E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	2.72E-02
1286	CARTGRID	1	374000	3764900	NonCancerAcute	4.91E-03	5.29E-03	2.65E-02	0.00E+00	8.55E-09	1.08E-02	1.19E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	2.65E-02
1287	CARTGRID	1	374100	3764900	NonCancerAcute	4.71E-03	5.07E-03	2.55E-02	0.00E+00	8.25E-09	1.05E-02	1.15E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.55E-02
1288	CARTGRID	1	374200	3764900	NonCancerAcute	4.51E-03	4.87E-03	2.44E-02	0.00E+00	8.07E-09	9.97E-03	1.12E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	2.44E-02
1289	CARTGRID	1	374300	3764900	NonCancerAcute	4.38E-03	4.71E-03	2.37E-02	0.00E+00	7.80E-09	9.67E-03	1.09E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	2.37E-02
1290	CARTGRID	1	374400	3764900	NonCancerAcute	4.18E-03	4.50E-03	2.26E-02	0.00E+00	7.74E-09	9.26E-03	1.07E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	2.26E-02
1291	CARTGRID	1	374500	3764900	NonCancerAcute	4.00E-03	4.32E-03	2.17E-02	0.00E+00	7.05E-09	8.88E-03	9.85E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	2.17E-02
1292	CARTGRID	1	374600	3764900	NonCancerAcute	3.86E-03	4.17E-03	2.08E-02	0.00E+00	6.66E-09	8.49E-03	9.33E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	2.08E-02
1293	CARTGRID	1	374700	3764900	NonCancerAcute	3.72E-03	4.01E-03	2.01E-02	0.00E+00	6.46E-09	8.18E-03	9.04E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	2.01E-02
1294	CARTGRID	1	374800	3764900	NonCancerAcute	3.63E-03	3.91E-03	1.96E-02	0.00E+00	6.26E-09	7.98E-03	8.76E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	1.96E-02
1295	CARTGRID	1	374900	3764900	NonCancerAcute	3.59E-03	3.86E-03	1.92E-02	0.00E+00	5.68E-09	7.73E-03	8.05E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	1.92E-02
1296	CARTGRID	1	375000	3764900	NonCancerAcute	3.40E-03	3.66E-03	1.82E-02	0.00E+00	5.52E-09	7.35E-03	7.79E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	1.82E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1297	SENSITIV	Star Sch	371655	3764335	NonCancerAcute	5.58E-03	6.04E-03	2.97E-02	0.00E+00	5.47E-09	1.20E-02	8.98E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	2.97E-02
1298	SENSITIV	Village	371602	3765015	NonCancerAcute	4.10E-03	4.41E-03	2.17E-02	0.00E+00	4.26E-09	8.54E-03	6.68E-03	0.00E+00	9.45E-03	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	2.17E-02
1299	SENSITIV	Linwood	371458	3765442	NonCancerAcute	3.03E-03	3.26E-03	1.62E-02	0.00E+00	3.48E-09	6.52E-03	5.38E-03	0.00E+00	7.52E-03	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	1.62E-02
1300	SENSITIV	Willows	372537	3765521	NonCancerAcute	3.88E-03	4.18E-03	2.06E-02	0.00E+00	4.79E-09	8.18E-03	7.21E-03	0.00E+00	9.88E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	2.06E-02
1301	SENSITIV	Baldwin	373913	3765441	NonCancerAcute	3.63E-03	3.91E-03	1.95E-02	0.00E+00	5.51E-09	7.95E-03	7.94E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	1.95E-02
1302	SENSITIV	Hillcres	375384	3764569	NonCancerAcute	3.08E-03	3.33E-03	1.66E-02	0.00E+00	5.64E-09	6.81E-03	7.85E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	1.66E-02
1303	SENSITIV	Windssor	374735	3762558	NonCancerAcute	7.92E-03	8.95E-03	4.50E-02	0.00E+00	1.39E-08	2.22E-02	2.19E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	4.50E-02
1304	SENSITIV	Communit	374502	3761177	NonCancerAcute	3.58E-03	3.95E-03	1.98E-02	0.00E+00	5.50E-09	8.97E-03	8.45E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	1.98E-02
1305	SENSITIV	ICEF Sch	373575	3761806	NonCancerAcute	6.43E-03	7.05E-03	3.59E-02	0.00E+00	9.30E-09	1.61E-02	1.42E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	3.59E-02
1306	SENSITIV	La Tijer	373549	3760990	NonCancerAcute	3.72E-03	4.04E-03	2.02E-02	0.00E+00	5.00E-09	8.51E-03	7.54E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	2.02E-02
1307	SENSITIV	Frank Pa	372980	3761081	NonCancerAcute	3.59E-03	3.88E-03	1.93E-02	0.00E+00	4.77E-09	8.02E-03	7.18E-03	0.00E+00	9.89E-03	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	1.93E-02
1308	SENSITIV	El Rinco	371566	3762615	NonCancerAcute	4.29E-03	4.62E-03	2.29E-02	0.00E+00	5.45E-09	9.17E-03	8.14E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	2.29E-02
1309	SENSITIV	West La	372008	3763263	NonCancerAcute	7.82E-03	8.40E-03	4.13E-02	0.00E+00	8.04E-09	1.62E-02	1.26E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	4.13E-02
1310	SENSITIV	We LA Co	372011	3763812	NonCancerAcute	8.64E-03	9.37E-03	4.61E-02	0.00E+00	8.21E-09	1.89E-02	1.37E-02	0.00E+00	2.02E-02	0.00E+00	0.00E+00	9.55E-03	0.00E+00	0.00E+00	4.61E-02
1311	SENSITIV	Culver C	370802	3763850	NonCancerAcute	3.33E-03	3.60E-03	1.77E-02	0.00E+00	3.92E-09	7.15E-03	6.04E-03	0.00E+00	8.46E-03	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	1.77E-02
1312	CENSUS	0	372901	3765440	NonCancerAcute	4.21E-03	4.53E-03	2.24E-02	0.00E+00	5.30E-09	8.88E-03	7.91E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	2.24E-02
1313	CENSUS	0	372959.8	3765435	NonCancerAcute	4.22E-03	4.54E-03	2.24E-02	0.00E+00	5.42E-09	8.91E-03	8.06E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	2.24E-02
1314	CENSUS	0	372842.8	3765524	NonCancerAcute	3.91E-03	4.21E-03	2.08E-02	0.00E+00	5.02E-09	8.26E-03	7.47E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	2.08E-02
1315	CENSUS	66	373420.8	3765485	NonCancerAcute	3.91E-03	4.21E-03	2.08E-02	0.00E+00	5.76E-09	8.32E-03	8.32E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	2.08E-02
1316	CENSUS	29	373545.6	3765515	NonCancerAcute	3.74E-03	4.03E-03	2.00E-02	0.00E+00	5.60E-09	8.09E-03	8.10E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	2.00E-02
1317	CENSUS	44	375225.2	3761771	NonCancerAcute	3.81E-03	4.23E-03	2.13E-02	0.00E+00	7.84E-09	9.92E-03	1.14E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.13E-02
1318	CENSUS	0	375106.2	3761773	NonCancerAcute	4.39E-03	4.87E-03	2.45E-02	0.00E+00	8.99E-09	1.13E-02	1.30E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	2.45E-02
1319	CENSUS	14	375102.8	3761696	NonCancerAcute	4.38E-03	4.84E-03	2.44E-02	0.00E+00	8.42E-09	1.11E-02	1.23E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	6.28E-03	0.00E+00	0.00E+00	2.44E-02
1320	CENSUS	633	373341.1	3764878	NonCancerAcute	7.28E-03	7.84E-03	3.88E-02	0.00E+00	1.23E-08	1.55E-02	1.72E-02	0.00E+00	2.24E-02	0.00E+00	0.00E+00	7.71E-03	0.00E+00	0.00E+00	3.88E-02
1321	CENSUS	0	374183.5	3763735	NonCancerAcute	1.19E-02	1.29E-02	6.54E-02	0.00E+00	2.90E-08	2.81E-02	3.90E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.54E-02
1322	CENSUS	62	374306.4	3764163	NonCancerAcute	9.94E-03	1.07E-02	5.40E-02	0.00E+00	1.89E-08	2.24E-02	2.61E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.40E-02
1323	CENSUS	200	374206.1	3764354	NonCancerAcute	7.76E-03	8.39E-03	4.26E-02	0.00E+00	2.22E-08	1.79E-02	2.88E-02	0.00E+00	3.50E-02	0.00E+00	0.00E+00	9.55E-03	0.00E+00	0.00E+00	4.26E-02
1324	CENSUS	0	373212.5	3764361	NonCancerAcute	1.17E-02	1.27E-02	6.25E-02	0.00E+00	1.54E-08	2.51E-02	2.31E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	6.25E-02
1325	CENSUS	64	373975.1	3764905	NonCancerAcute	4.94E-03	5.32E-03	2.66E-02	0.00E+00	8.77E-09	1.08E-02	1.22E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	5.45E-03	0.00E+00	0.00E+00	2.66E-02
1326	CENSUS	0	374058.3	3763929	NonCancerAcute	1.30E-02	1.41E-02	7.22E-02	0.00E+00	3.65E-08	3.14E-02	4.79E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	7.22E-02
1327	CENSUS	0	373575.9	3764344	NonCancerAcute	1.18E-02	1.27E-02	6.44E-02	0.00E+00	2.84E-08	2.68E-02	3.77E-02	0.00E+00	4.66E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.44E-02
1328	CENSUS	0	373533.5	3763998	NonCancerAcute	1.54E-02	1.66E-02	8.40E-02	0.00E+00	3.33E-08	3.46E-02	4.47E-02	0.00E+00	5.58E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	8.40E-02
1329	CENSUS	0	373574.1	3763737	NonCancerAcute	2.23E-02	2.38E-02	1.23E-01	0.00E+00	5.73E-08	5.09E-02	7.38E-02	0.00E+00	8.88E-02	0.00E+00	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.23E-01
1330	CENSUS	0	373994.8	3763455	NonCancerAcute	1.98E-02	2.18E-02	1.12E-01	0.00E+00	1.07E-07	5.12E-02	1.33E-01	0.00E+00	1.54E-01	0.00E+00	0.00E+00	2.95E-02	0.00E+00	0.00E+00	1.54E-01
1331	CENSUS	0	373228.7	3764370	NonCancerAcute	1.16E-02	1.25E-02	6.17E-02	0.00E+00	1.55E-08	2.48E-02	2.31E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	6.17E-02
1332	CENSUS	0	373570.9	3763152	NonCancerAcute	3.74E-02	4.11E-02	2.05E-01	0.00E+00	7.20E-08	9.11E-02	1.02E-01	0.00E+00	1.38E-01	0.00E+00	0.00E+00	4.99E-02	0.00E+00	0.00E+00	2.05E-01
1333	CENSUS	0	374562.5	3762669	NonCancerAcute	1.03E-02	1.17E-02	5.87E-02	0.00E+00	1.75E-08	2.96E-02	2.83E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	1.79E-02	0.00E+00	0.00E+00	5.87E-02
1334	CENSUS	0	374586.4	3762717	NonCancerAcute	9.76E-03	1.11E-02	5.57E-02	0.00E+00	1.75E-08	2.80E-02	2.78E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	5.57E-02
1335	CENSUS	0	373224	3764274	NonCancerAcute	1.28E-02	1.38E-02	6.83E-02	0.00E+00	1.72E-08	2.78E-02	2.58E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	6.83E-02
1336	CENSUS	0	373399.9	3763529	NonCancerAcute	4.71E-02	4.99E-02	2.66E-01	0.00E+00	1.11E-07	1.11E-01	1.43E-01	0.00E+00	1.72E-01	0.00E+00	0.00E+00	6.10E-02	0.00E+00	0.00E+00	2.66E-01
1337	CENSUS	0	374207.1	3763730	NonCancerAcute	1.17E-02	1.28E-02	6.43E-02	0.00E+00	2.67E-08	2.75E-02	3.63E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.43E-02
1338	CENSUS	0	374002.6	3763649	NonCancerAcute	1.67E-02	1.82E-02	9.32E-02	0.00E+00	1.04E-07	4.07E-02	1.26E-01	0.00E+00	1.42E-01	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	1.42E-01
1339	CENSUS	58	373923.7	3764375	NonCancerAcute	1.07E-02	1.15E-02	5.86E-02	0.00E+00	2.09E-08	2.47E-02	2.89E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.86E-02
1340	CENSUS	0	373211.1	3763939	NonCancerAcute	2.27E-02	2.48E-02	1.23E-01	0.00E+00	3.66E-08	5.24E-02	5.41E-02	0.00E+00	7.34E-02	0.00E+00	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.23E-01
1341	CENSUS	0	374739.8	3764202	NonCancerAcute	5.29E-03	5.70E-03	2.85E-02	0.00E+00	1.03E-08	1.16E-02	1.41E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	2.85E-02
1342	CENSUS	0	374567.6	3763540	NonCancerAcute	8.74E-03	9.50E-03	4.83E-02	0.00E+00	2.53E-08	2.09E-02	3.31E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.83E-02
1343	CENSUS	0	373553.1	3762847	NonCancerAcute	2.17E-02	2.39E-02	1.26E-01	0.00E+00	2.77E-08	5.97E-02	4.43E-02	0.00E+00	6.39E-02	0.00E+00	0.00E+00	3.58E-02	0.00E+00	0.00E+00	1.26E-01
1344	CENSUS	0	373535	3762809	NonCancerAcute	1.98E-02	2.18E-02	1.14E-01	0.00E+00	2.73E-08	5.35E-02	4.25E-02	0.00E+00	6.01E-02	0.00E+00	0.00E+00	3.18E-02	0.00E+00	0.00E+00	1.14E-01

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1345	CENSUS	281	373791.6	3765248	NonCancerAcute	4.16E-03	4.49E-03	2.23E-02	0.00E+00	6.43E-09	9.04E-03	9.22E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	4.56E-03	0.00E+00	0.00E+00	2.23E-02
1346	CENSUS	28	373496.8	3765365	NonCancerAcute	4.11E-03	4.43E-03	2.20E-02	0.00E+00	6.19E-09	8.86E-03	8.95E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	2.20E-02
1347	CENSUS	49	373469.1	3765289	NonCancerAcute	4.32E-03	4.66E-03	2.31E-02	0.00E+00	6.57E-09	9.29E-03	9.47E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	2.31E-02
1348	CENSUS	42	373683.4	3765283	NonCancerAcute	4.17E-03	4.50E-03	2.23E-02	0.00E+00	6.56E-09	9.02E-03	9.37E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.23E-02
1349	CENSUS	51	373675.1	3765195	NonCancerAcute	4.43E-03	4.77E-03	2.37E-02	0.00E+00	6.96E-09	9.54E-03	9.93E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	2.37E-02
1350	CENSUS	63	373464.1	3765195	NonCancerAcute	4.57E-03	4.93E-03	2.44E-02	0.00E+00	7.00E-09	9.85E-03	1.01E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	4.93E-03	0.00E+00	0.00E+00	2.44E-02
1351	CENSUS	57	373658.4	3765109	NonCancerAcute	4.68E-03	5.04E-03	2.50E-02	0.00E+00	7.38E-09	1.01E-02	1.05E-02	0.00E+00	1.39E-02	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	2.50E-02
1352	CENSUS	61	373538.4	3765085	NonCancerAcute	4.87E-03	5.25E-03	2.61E-02	0.00E+00	7.59E-09	1.05E-02	1.09E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	2.61E-02
1353	CENSUS	63	373553.3	3765033	NonCancerAcute	5.08E-03	5.48E-03	2.72E-02	0.00E+00	7.93E-09	1.10E-02	1.13E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	2.72E-02
1354	CENSUS	93	373563	3764944	NonCancerAcute	5.77E-03	6.21E-03	3.09E-02	0.00E+00	8.98E-09	1.24E-02	1.28E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	3.09E-02
1355	CENSUS	36	373327.1	3765246	NonCancerAcute	4.68E-03	5.04E-03	2.50E-02	0.00E+00	6.82E-09	9.94E-03	9.85E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.50E-02
1356	CENSUS	7	373281.8	3765223	NonCancerAcute	4.78E-03	5.14E-03	2.54E-02	0.00E+00	6.97E-09	1.01E-02	1.01E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	2.54E-02
1357	CENSUS	281	373157.1	3765299	NonCancerAcute	4.65E-03	5.01E-03	2.47E-02	0.00E+00	6.17E-09	9.83E-03	9.09E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	2.47E-02
1358	CENSUS	165	373021.9	3765293	NonCancerAcute	4.66E-03	5.02E-03	2.48E-02	0.00E+00	6.02E-09	9.87E-03	8.95E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	2.48E-02
1359	CENSUS	0	372873.5	3765268	NonCancerAcute	4.80E-03	5.16E-03	2.55E-02	0.00E+00	5.92E-09	1.01E-02	8.89E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	2.55E-02
1360	CENSUS	0	372868.1	3765410	NonCancerAcute	4.28E-03	4.60E-03	2.27E-02	0.00E+00	5.43E-09	9.02E-03	8.10E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.27E-02
1361	CENSUS	0	372829.3	3765399	NonCancerAcute	4.33E-03	4.65E-03	2.30E-02	0.00E+00	5.40E-09	9.11E-03	8.09E-03	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	2.30E-02
1362	CENSUS	0	372798.7	3765409	NonCancerAcute	4.27E-03	4.60E-03	2.27E-02	0.00E+00	5.37E-09	9.03E-03	8.04E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	2.27E-02
1363	CENSUS	0	372822.8	3765083	NonCancerAcute	5.64E-03	6.07E-03	2.99E-02	0.00E+00	6.67E-09	1.19E-02	1.01E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	2.99E-02
1364	CENSUS	219	373159.3	3765138	NonCancerAcute	5.27E-03	5.66E-03	2.80E-02	0.00E+00	7.02E-09	1.11E-02	1.03E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	2.80E-02
1365	CENSUS	34	373100.9	3765105	NonCancerAcute	5.49E-03	5.90E-03	2.91E-02	0.00E+00	7.05E-09	1.15E-02	1.05E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	5.65E-03	0.00E+00	0.00E+00	2.91E-02
1366	CENSUS	0	372877	3765011	NonCancerAcute	5.92E-03	6.38E-03	3.15E-02	0.00E+00	7.20E-09	1.26E-02	1.09E-02	0.00E+00	1.50E-02	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	3.15E-02
1367	CENSUS	0	372787.6	3765009	NonCancerAcute	6.18E-03	6.64E-03	3.27E-02	0.00E+00	7.01E-09	1.29E-02	1.07E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	6.22E-03	0.00E+00	0.00E+00	3.27E-02
1368	CENSUS	86	375028.5	3763952	NonCancerAcute	6.42E-03	6.95E-03	3.52E-02	0.00E+00	1.60E-08	1.49E-02	2.13E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	7.93E-03	0.00E+00	0.00E+00	3.52E-02
1369	CENSUS	45	374938.3	3763776	NonCancerAcute	7.45E-03	8.12E-03	4.08E-02	0.00E+00	1.59E-08	1.76E-02	2.20E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	9.45E-03	0.00E+00	0.00E+00	4.08E-02
1370	CENSUS	312	375139.4	3763557	NonCancerAcute	6.31E-03	6.87E-03	3.48E-02	0.00E+00	1.62E-08	1.50E-02	2.16E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	8.11E-03	0.00E+00	0.00E+00	3.48E-02
1371	CENSUS	36	374915.5	3763494	NonCancerAcute	8.22E-03	8.97E-03	4.53E-02	0.00E+00	1.69E-08	1.96E-02	2.35E-02	0.00E+00	3.05E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.53E-02
1372	CENSUS	38	374990.1	3763475	NonCancerAcute	7.70E-03	8.39E-03	4.24E-02	0.00E+00	1.74E-08	1.83E-02	2.38E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	9.92E-03	0.00E+00	0.00E+00	4.24E-02
1373	CENSUS	573	374849.3	3763917	NonCancerAcute	7.87E-03	8.54E-03	4.29E-02	0.00E+00	1.66E-08	1.81E-02	2.28E-02	0.00E+00	2.90E-02	0.00E+00	0.00E+00	9.58E-03	0.00E+00	0.00E+00	4.29E-02
1374	CENSUS	115	374642.6	3763262	NonCancerAcute	9.61E-03	1.06E-02	5.37E-02	0.00E+00	2.09E-08	2.44E-02	2.96E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.37E-02
1375	CENSUS	40	374737.6	3763481	NonCancerAcute	9.14E-03	9.98E-03	5.03E-02	0.00E+00	1.78E-08	2.19E-02	2.52E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.03E-02
1376	CENSUS	249	374658.5	3762976	NonCancerAcute	9.58E-03	1.07E-02	5.39E-02	0.00E+00	1.80E-08	2.53E-02	2.68E-02	0.00E+00	3.68E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	5.39E-02
1377	CENSUS	188	374799.3	3763250	NonCancerAcute	9.03E-03	9.91E-03	5.01E-02	0.00E+00	2.00E-08	2.23E-02	2.78E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.01E-02
1378	CENSUS	58	374819.5	3763469	NonCancerAcute	8.87E-03	9.68E-03	4.89E-02	0.00E+00	1.80E-08	2.12E-02	2.52E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.89E-02
1379	CENSUS	0	374907.2	3763185	NonCancerAcute	7.19E-03	7.88E-03	3.99E-02	0.00E+00	1.86E-08	1.77E-02	2.51E-02	0.00E+00	3.17E-02	0.00E+00	0.00E+00	9.83E-03	0.00E+00	0.00E+00	3.99E-02
1380	CENSUS	29	374018.1	3761062	NonCancerAcute	3.76E-03	4.12E-03	2.07E-02	0.00E+00	5.40E-09	9.08E-03	8.22E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	2.07E-02
1381	CENSUS	29	373923	3761058	NonCancerAcute	3.78E-03	4.13E-03	2.08E-02	0.00E+00	5.64E-09	9.01E-03	8.44E-03	0.00E+00	1.16E-02	0.00E+00	0.00E+00	4.89E-03	0.00E+00	0.00E+00	2.08E-02
1382	CENSUS	35	373820.9	3761065	NonCancerAcute	4.04E-03	4.39E-03	2.20E-02	0.00E+00	5.55E-09	9.23E-03	8.33E-03	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	2.20E-02
1383	CENSUS	47	373706	3761051	NonCancerAcute	3.92E-03	4.26E-03	2.14E-02	0.00E+00	5.21E-09	9.11E-03	7.91E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	2.14E-02
1384	CENSUS	32	373605.3	3761063	NonCancerAcute	3.78E-03	4.11E-03	2.07E-02	0.00E+00	5.28E-09	8.86E-03	7.95E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	2.07E-02
1385	CENSUS	7	373549.5	3761089	NonCancerAcute	3.88E-03	4.21E-03	2.11E-02	0.00E+00	5.21E-09	8.95E-03	7.89E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.11E-02
1386	CENSUS	0	373507	3761025	NonCancerAcute	3.77E-03	4.09E-03	2.04E-02	0.00E+00	4.82E-09	8.55E-03	7.35E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	2.04E-02
1387	CENSUS	8	373475.3	3761070	NonCancerAcute	3.84E-03	4.17E-03	2.08E-02	0.00E+00	4.92E-09	8.74E-03	7.51E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	2.08E-02
1388	CENSUS	14	373533.3	3760999	NonCancerAcute	3.74E-03	4.06E-03	2.03E-02	0.00E+00	4.94E-09	8.53E-03	7.47E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	2.03E-02
1389	CENSUS	2	373409.9	3761067	NonCancerAcute	3.87E-03	4.20E-03	2.10E-02	0.00E+00	5.04E-09	8.73E-03	7.63E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.54E-03	0.00E+00	0.00E+00	2.10E-02
1390	CENSUS	17	373395.3	3761068	NonCancerAcute	3.87E-03	4.19E-03	2.09E-02	0.00E+00	5.05E-09	8.72E-03	7.64E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	2.09E-02
1391	CENSUS	8	373341.4	3761064	NonCancerAcute	3.80E-03	4.12E-03	2.06E-02	0.00E+00	4.95E-09	8.60E-03	7.51E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	2.06E-02
1392	CENSUS	1	372462.7	3765415	NonCancerAcute	4.24E-03	4.56E-03	2.25E-02	0.00E+00	4.80E-09	8.87E-03	7.35E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.32E-03	0.00E+00	0.00E+00	2.25E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1393	CENSUS	0	372420.1	3765502	NonCancerAcute	4.04E-03	4.34E-03	2.14E-02	0.00E+00	4.58E-09	8.41E-03	6.98E-03	0.00E+00	9.67E-03	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	2.14E-02
1394	CENSUS	0	372381.5	3765473	NonCancerAcute	4.19E-03	4.49E-03	2.21E-02	0.00E+00	4.49E-09	8.62E-03	6.90E-03	0.00E+00	9.61E-03	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	2.21E-02
1395	CENSUS	0	372325.7	3765515	NonCancerAcute	4.10E-03	4.39E-03	2.16E-02	0.00E+00	4.38E-09	8.38E-03	6.71E-03	0.00E+00	9.32E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	2.16E-02
1396	CENSUS	0	372221.5	3765533	NonCancerAcute	3.89E-03	4.17E-03	2.06E-02	0.00E+00	4.26E-09	8.04E-03	6.53E-03	0.00E+00	9.07E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	2.06E-02
1397	CENSUS	0	372123.8	3765552	NonCancerAcute	3.68E-03	3.95E-03	1.95E-02	0.00E+00	4.16E-09	7.72E-03	6.35E-03	0.00E+00	8.83E-03	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	1.95E-02
1398	CENSUS	52	372049.8	3765430	NonCancerAcute	3.83E-03	4.12E-03	2.03E-02	0.00E+00	4.39E-09	8.02E-03	6.71E-03	0.00E+00	9.31E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	2.03E-02
1399	CENSUS	357	371834.3	3765189	NonCancerAcute	4.08E-03	4.39E-03	2.16E-02	0.00E+00	4.33E-09	8.59E-03	6.77E-03	0.00E+00	9.57E-03	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	2.16E-02
1400	CENSUS	34	371751.7	3765300	NonCancerAcute	3.72E-03	4.01E-03	1.98E-02	0.00E+00	4.11E-09	7.87E-03	6.38E-03	0.00E+00	8.95E-03	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	1.98E-02
1401	CENSUS	38	371719.6	3765252	NonCancerAcute	3.71E-03	4.00E-03	1.98E-02	0.00E+00	4.03E-09	7.93E-03	6.31E-03	0.00E+00	8.92E-03	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	1.98E-02
1402	CENSUS	0	372407	3765342	NonCancerAcute	4.57E-03	4.90E-03	2.41E-02	0.00E+00	4.85E-09	9.36E-03	7.45E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	2.41E-02
1403	CENSUS	0	372195.6	3765359	NonCancerAcute	4.23E-03	4.54E-03	2.24E-02	0.00E+00	4.68E-09	8.78E-03	7.17E-03	0.00E+00	9.95E-03	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	2.24E-02
1404	CENSUS	0	372209.9	3765471	NonCancerAcute	3.94E-03	4.23E-03	2.09E-02	0.00E+00	4.40E-09	8.23E-03	6.74E-03	0.00E+00	9.37E-03	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	2.09E-02
1405	CENSUS	0	372318.3	3765472	NonCancerAcute	4.21E-03	4.50E-03	2.22E-02	0.00E+00	4.47E-09	8.60E-03	6.86E-03	0.00E+00	9.53E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	2.22E-02
1406	CENSUS	30	371687.3	3765205	NonCancerAcute	3.71E-03	4.00E-03	1.98E-02	0.00E+00	4.03E-09	7.96E-03	6.32E-03	0.00E+00	8.94E-03	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	1.98E-02
1407	CENSUS	37	371656.4	3765155	NonCancerAcute	3.73E-03	4.03E-03	1.99E-02	0.00E+00	4.12E-09	8.00E-03	6.43E-03	0.00E+00	9.06E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	1.99E-02
1408	CENSUS	0	372554.2	3765547	NonCancerAcute	3.83E-03	4.12E-03	2.03E-02	0.00E+00	4.72E-09	8.04E-03	7.09E-03	0.00E+00	9.72E-03	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	2.03E-02
1409	CENSUS	0	372606	3765678	NonCancerAcute	3.61E-03	3.87E-03	1.91E-02	0.00E+00	4.55E-09	7.56E-03	6.78E-03	0.00E+00	9.23E-03	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	1.91E-02
1410	CENSUS	0	372396.9	3765534	NonCancerAcute	3.99E-03	4.28E-03	2.11E-02	0.00E+00	4.48E-09	8.25E-03	6.82E-03	0.00E+00	9.45E-03	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	2.11E-02
1411	CENSUS	0	372360.3	3765572	NonCancerAcute	3.92E-03	4.20E-03	2.07E-02	0.00E+00	4.32E-09	8.08E-03	6.59E-03	0.00E+00	9.13E-03	0.00E+00	0.00E+00	3.88E-03	0.00E+00	0.00E+00	2.07E-02
1412	CENSUS	0	372721.1	3765447	NonCancerAcute	4.16E-03	4.48E-03	2.21E-02	0.00E+00	5.19E-09	8.75E-03	7.76E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.21E-02
1413	CENSUS	0	372799.3	3765492	NonCancerAcute	3.99E-03	4.29E-03	2.12E-02	0.00E+00	5.06E-09	8.40E-03	7.56E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	2.12E-02
1414	CENSUS	0	372770.7	3765454	NonCancerAcute	4.07E-03	4.38E-03	2.16E-02	0.00E+00	5.20E-09	8.62E-03	7.76E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	2.16E-02
1415	CENSUS	662	371497.6	3764797	NonCancerAcute	4.26E-03	4.57E-03	2.24E-02	0.00E+00	4.27E-09	8.68E-03	6.72E-03	0.00E+00	9.51E-03	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	2.24E-02
1416	CENSUS	773	371396.8	3764431	NonCancerAcute	4.38E-03	4.73E-03	2.32E-02	0.00E+00	4.68E-09	9.32E-03	7.42E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	2.32E-02
1417	CENSUS	166	371309.1	3764308	NonCancerAcute	4.28E-03	4.62E-03	2.27E-02	0.00E+00	4.50E-09	9.12E-03	7.15E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	2.27E-02
1418	CENSUS	106	371226.4	3764019	NonCancerAcute	4.19E-03	4.52E-03	2.24E-02	0.00E+00	4.81E-09	9.12E-03	7.48E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	2.24E-02
1419	CENSUS	110	371078.9	3764147	NonCancerAcute	3.79E-03	4.09E-03	2.02E-02	0.00E+00	4.29E-09	8.19E-03	6.68E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	4.10E-03	0.00E+00	0.00E+00	2.02E-02
1420	CENSUS	85	371094.6	3764225	NonCancerAcute	3.77E-03	4.08E-03	2.01E-02	0.00E+00	4.31E-09	8.06E-03	6.69E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	2.01E-02
1421	CENSUS	70	371153.4	3764282	NonCancerAcute	3.92E-03	4.23E-03	2.08E-02	0.00E+00	4.33E-09	8.34E-03	6.76E-03	0.00E+00	9.54E-03	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	2.08E-02
1422	CENSUS	102	371233.9	3764297	NonCancerAcute	4.10E-03	4.43E-03	2.18E-02	0.00E+00	4.44E-09	8.71E-03	6.98E-03	0.00E+00	9.89E-03	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	2.18E-02
1423	CENSUS	0	372713.9	3765399	NonCancerAcute	4.31E-03	4.64E-03	2.29E-02	0.00E+00	5.34E-09	9.05E-03	8.00E-03	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.29E-02
1424	CENSUS	0	372586.7	3765375	NonCancerAcute	4.31E-03	4.63E-03	2.28E-02	0.00E+00	5.18E-09	9.04E-03	7.82E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.41E-03	0.00E+00	0.00E+00	2.28E-02
1425	CENSUS	0	372480.2	3765352	NonCancerAcute	4.38E-03	4.71E-03	2.32E-02	0.00E+00	4.87E-09	9.18E-03	7.49E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.47E-03	0.00E+00	0.00E+00	2.32E-02
1426	CENSUS	0	372531.9	3765339	NonCancerAcute	4.43E-03	4.76E-03	2.35E-02	0.00E+00	5.13E-09	9.29E-03	7.83E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	2.35E-02
1427	CENSUS	0	372642.3	3765257	NonCancerAcute	4.76E-03	5.12E-03	2.52E-02	0.00E+00	5.65E-09	1.00E-02	8.58E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	2.52E-02
1428	CENSUS	0	372416.3	3765153	NonCancerAcute	5.76E-03	6.17E-03	3.04E-02	0.00E+00	6.11E-09	1.18E-02	9.44E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	3.04E-02
1429	CENSUS	0	372217.1	3765220	NonCancerAcute	4.64E-03	4.99E-03	2.46E-02	0.00E+00	5.09E-09	9.69E-03	7.87E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	2.46E-02
1430	CENSUS	212	372450.8	3764735	NonCancerAcute	1.26E-02	1.35E-02	6.68E-02	0.00E+00	1.28E-08	2.66E-02	2.04E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.31E-02	0.00E+00	0.00E+00	6.68E-02
1431	CENSUS	0	372036.2	3764782	NonCancerAcute	6.70E-03	7.24E-03	3.56E-02	0.00E+00	6.68E-09	1.43E-02	1.08E-02	0.00E+00	1.57E-02	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	3.56E-02
1432	CENSUS	0	372034.9	3764706	NonCancerAcute	7.32E-03	7.92E-03	3.88E-02	0.00E+00	6.88E-09	1.57E-02	1.14E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	3.88E-02
1433	CENSUS	62	372915.7	3764767	NonCancerAcute	8.12E-03	8.74E-03	4.30E-02	0.00E+00	9.33E-09	1.70E-02	1.43E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	4.30E-02
1434	CENSUS	65	372537.7	3764939	NonCancerAcute	9.78E-03	1.05E-02	5.22E-02	0.00E+00	1.24E-08	2.09E-02	1.85E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.22E-02
1435	CENSUS	73	372932.7	3764692	NonCancerAcute	8.86E-03	9.54E-03	4.69E-02	0.00E+00	1.00E-08	1.85E-02	1.54E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	9.01E-03	0.00E+00	0.00E+00	4.69E-02
1436	CENSUS	100	373106.8	3764954	NonCancerAcute	6.28E-03	6.75E-03	3.33E-02	0.00E+00	7.86E-09	1.32E-02	1.18E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	3.33E-02
1437	CENSUS	0	372965.9	3765052	NonCancerAcute	5.83E-03	6.26E-03	3.09E-02	0.00E+00	7.03E-09	1.22E-02	1.06E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	3.09E-02
1438	CENSUS	0	373142.4	3764462	NonCancerAcute	1.09E-02	1.17E-02	5.75E-02	0.00E+00	1.32E-08	2.29E-02	2.01E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	5.75E-02
1439	CENSUS	0	373121.6	3764677	NonCancerAcute	8.52E-03	9.17E-03	4.51E-02	0.00E+00	1.05E-08	1.78E-02	1.58E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	4.51E-02
1440	CENSUS	0	373197.2	3764355	NonCancerAcute	1.19E-02	1.28E-02	6.33E-02	0.00E+00	1.54E-08	2.55E-02	2.32E-02	0.00E+00	3.18E-02	0.00E+00	0.00E+00	1.27E-02	0.00E+00	0.00E+00	6.33E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1441	CENSUS	0	373178.1	3764352	NonCancerAcute	1.21E-02	1.31E-02	6.45E-02	0.00E+00	1.52E-08	2.60E-02	2.31E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	1.29E-02	0.00E+00	0.00E+00	6.45E-02
1442	CENSUS	0	372846.7	3764410	NonCancerAcute	1.47E-02	1.59E-02	7.77E-02	0.00E+00	1.40E-08	3.14E-02	2.33E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	7.77E-02
1443	CENSUS	143	372012	3764401	NonCancerAcute	8.92E-03	9.83E-03	4.80E-02	0.00E+00	6.83E-09	2.09E-02	1.33E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	4.80E-02
1444	CENSUS	0	371721.1	3764326	NonCancerAcute	5.98E-03	6.48E-03	3.18E-02	0.00E+00	5.65E-09	1.30E-02	9.43E-03	0.00E+00	1.39E-02	0.00E+00	0.00E+00	6.52E-03	0.00E+00	0.00E+00	3.18E-02
1445	CENSUS	0	371870.6	3764729	NonCancerAcute	5.89E-03	6.35E-03	3.11E-02	0.00E+00	5.40E-09	1.23E-02	8.88E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	3.11E-02
1446	CENSUS	149	372926.7	3764909	NonCancerAcute	6.84E-03	7.35E-03	3.63E-02	0.00E+00	7.99E-09	1.43E-02	1.21E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	3.63E-02
1447	CENSUS	61	371808.5	3763959	NonCancerAcute	6.89E-03	7.47E-03	3.68E-02	0.00E+00	6.76E-09	1.50E-02	1.11E-02	0.00E+00	1.63E-02	0.00E+00	0.00E+00	7.58E-03	0.00E+00	0.00E+00	3.68E-02
1448	CENSUS	147	371771.9	3764094	NonCancerAcute	6.54E-03	7.09E-03	3.49E-02	0.00E+00	6.29E-09	1.43E-02	1.04E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	3.49E-02
1449	CENSUS	0	372364.4	3765331	NonCancerAcute	4.58E-03	4.91E-03	2.42E-02	0.00E+00	4.82E-09	9.39E-03	7.43E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	2.42E-02
1450	CENSUS	0	372104.9	3765282	NonCancerAcute	4.22E-03	4.54E-03	2.24E-02	0.00E+00	4.74E-09	8.81E-03	7.28E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.24E-02
1451	CENSUS	0	371894.5	3765089	NonCancerAcute	4.48E-03	4.82E-03	2.38E-02	0.00E+00	4.56E-09	9.47E-03	7.24E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.64E-03	0.00E+00	0.00E+00	2.38E-02
1452	CENSUS	0	371846.6	3765019	NonCancerAcute	4.46E-03	4.82E-03	2.38E-02	0.00E+00	4.61E-09	9.55E-03	7.34E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.38E-02
1453	CENSUS	0	372067.9	3765218	NonCancerAcute	4.45E-03	4.78E-03	2.35E-02	0.00E+00	4.87E-09	9.19E-03	7.50E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.35E-02
1454	CENSUS	0	372351.2	3765313	NonCancerAcute	4.63E-03	4.96E-03	2.45E-02	0.00E+00	4.89E-09	9.50E-03	7.53E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.53E-03	0.00E+00	0.00E+00	2.45E-02
1455	CENSUS	0	371808.9	3764952	NonCancerAcute	4.66E-03	5.01E-03	2.47E-02	0.00E+00	4.82E-09	9.81E-03	7.62E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	2.47E-02
1456	CENSUS	11	371665.4	3764558	NonCancerAcute	5.28E-03	5.69E-03	2.79E-02	0.00E+00	5.18E-09	1.11E-02	8.37E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	2.79E-02
1457	CENSUS	0	371696.2	3764882	NonCancerAcute	4.66E-03	5.00E-03	2.45E-02	0.00E+00	4.63E-09	9.59E-03	7.33E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	2.45E-02
1458	CENSUS	0	371407.9	3763954	NonCancerAcute	4.84E-03	5.23E-03	2.58E-02	0.00E+00	5.35E-09	1.04E-02	8.38E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.58E-02
1459	CENSUS	0	371540.5	3764003	NonCancerAcute	5.36E-03	5.80E-03	2.86E-02	0.00E+00	5.62E-09	1.16E-02	8.98E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.76E-03	0.00E+00	0.00E+00	2.86E-02
1460	CENSUS	0	371584.4	3764105	NonCancerAcute	5.52E-03	5.97E-03	2.94E-02	0.00E+00	5.62E-09	1.19E-02	9.08E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	2.94E-02
1461	CENSUS	0	371637.8	3764227	NonCancerAcute	5.59E-03	6.06E-03	2.97E-02	0.00E+00	5.49E-09	1.20E-02	9.00E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	2.97E-02
1462	CENSUS	0	371179.4	3763767	NonCancerAcute	4.17E-03	4.50E-03	2.22E-02	0.00E+00	4.74E-09	8.90E-03	7.36E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	2.22E-02
1463	CENSUS	0	371475.3	3763853	NonCancerAcute	5.05E-03	5.46E-03	2.70E-02	0.00E+00	5.68E-09	1.10E-02	8.90E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	2.70E-02
1464	CENSUS	0	371403.4	3763688	NonCancerAcute	4.86E-03	5.24E-03	2.58E-02	0.00E+00	5.46E-09	1.04E-02	8.51E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	2.58E-02
1465	CENSUS	0	371335.7	3763735	NonCancerAcute	4.68E-03	5.04E-03	2.48E-02	0.00E+00	5.22E-09	9.95E-03	8.12E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	2.48E-02
1466	CENSUS	115	371224.4	3763694	NonCancerAcute	4.34E-03	4.68E-03	2.31E-02	0.00E+00	4.91E-09	9.27E-03	7.62E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	2.31E-02
1467	CENSUS	0	371271.3	3763627	NonCancerAcute	4.47E-03	4.82E-03	2.38E-02	0.00E+00	4.88E-09	9.55E-03	7.64E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	2.38E-02
1468	CENSUS	0	371316.1	3763579	NonCancerAcute	4.62E-03	4.98E-03	2.46E-02	0.00E+00	4.96E-09	9.83E-03	7.77E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	2.46E-02
1469	CENSUS	0	371342.9	3763554	NonCancerAcute	4.76E-03	5.12E-03	2.53E-02	0.00E+00	5.07E-09	1.01E-02	7.94E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.94E-03	0.00E+00	0.00E+00	2.53E-02
1470	CENSUS	153	371392.5	3763489	NonCancerAcute	4.93E-03	5.30E-03	2.62E-02	0.00E+00	5.33E-09	1.04E-02	8.29E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.09E-03	0.00E+00	0.00E+00	2.62E-02
1471	CENSUS	250	371449.6	3763636	NonCancerAcute	5.04E-03	5.43E-03	2.68E-02	0.00E+00	5.51E-09	1.07E-02	8.64E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	2.68E-02
1472	CENSUS	357	371572	3763501	NonCancerAcute	5.63E-03	6.06E-03	2.99E-02	0.00E+00	5.92E-09	1.19E-02	9.27E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.84E-03	0.00E+00	0.00E+00	2.99E-02
1473	CENSUS	267	371498.2	3763457	NonCancerAcute	5.31E-03	5.71E-03	2.82E-02	0.00E+00	5.71E-09	1.12E-02	8.89E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	2.82E-02
1474	CENSUS	103	371503.1	3763332	NonCancerAcute	5.17E-03	5.57E-03	2.75E-02	0.00E+00	5.50E-09	1.09E-02	8.60E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	2.75E-02
1475	CENSUS	0	371452.8	3763325	NonCancerAcute	5.02E-03	5.40E-03	2.66E-02	0.00E+00	5.33E-09	1.06E-02	8.33E-03	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	2.66E-02
1476	CENSUS	0	371530.7	3763261	NonCancerAcute	5.29E-03	5.69E-03	2.80E-02	0.00E+00	5.62E-09	1.10E-02	8.76E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.80E-02
1477	CENSUS	0	371503.4	3763264	NonCancerAcute	5.20E-03	5.59E-03	2.75E-02	0.00E+00	5.52E-09	1.08E-02	8.59E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	2.75E-02
1478	CENSUS	0	371545.2	3763238	NonCancerAcute	5.29E-03	5.69E-03	2.80E-02	0.00E+00	5.68E-09	1.10E-02	8.83E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.34E-03	0.00E+00	0.00E+00	2.80E-02
1479	CENSUS	0	371560	3763253	NonCancerAcute	5.37E-03	5.77E-03	2.84E-02	0.00E+00	5.74E-09	1.12E-02	8.93E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.41E-03	0.00E+00	0.00E+00	2.84E-02
1480	CENSUS	536	371659.9	3763977	NonCancerAcute	5.97E-03	6.46E-03	3.18E-02	0.00E+00	6.06E-09	1.29E-02	9.82E-03	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.48E-03	0.00E+00	0.00E+00	3.18E-02
1481	CENSUS	6	371574.4	3764046	NonCancerAcute	5.46E-03	5.91E-03	2.91E-02	0.00E+00	5.75E-09	1.18E-02	9.20E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	2.91E-02
1482	CENSUS	28	371626.8	3763778	NonCancerAcute	5.78E-03	6.25E-03	3.09E-02	0.00E+00	6.26E-09	1.25E-02	9.91E-03	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.26E-03	0.00E+00	0.00E+00	3.09E-02
1483	CENSUS	428	371569	3763726	NonCancerAcute	5.53E-03	5.97E-03	2.94E-02	0.00E+00	5.97E-09	1.19E-02	9.42E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	2.94E-02
1484	CENSUS	45	371610.3	3763757	NonCancerAcute	5.69E-03	6.15E-03	3.03E-02	0.00E+00	6.12E-09	1.23E-02	9.71E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	3.03E-02
1485	CENSUS	277	371558.3	3763797	NonCancerAcute	5.47E-03	5.91E-03	2.92E-02	0.00E+00	6.00E-09	1.18E-02	9.44E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.92E-03	0.00E+00	0.00E+00	2.92E-02
1486	CENSUS	38	371772.5	3763855	NonCancerAcute	6.64E-03	7.19E-03	3.55E-02	0.00E+00	6.80E-09	1.44E-02	1.10E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	7.27E-03	0.00E+00	0.00E+00	3.55E-02
1487	CENSUS	136	371586.9	3763605	NonCancerAcute	5.70E-03	6.14E-03	3.02E-02	0.00E+00	5.93E-09	1.20E-02	9.36E-03	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	3.02E-02
1488	CENSUS	52	371497.6	3763698	NonCancerAcute	5.21E-03	5.62E-03	2.77E-02	0.00E+00	5.79E-09	1.11E-02	9.04E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	2.77E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1489	CENSUS	38	371474	3763778	NonCancerAcute	5.13E-03	5.54E-03	2.73E-02	0.00E+00	5.61E-09	1.10E-02	8.83E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	2.73E-02
1490	CENSUS	196	371506.4	3763830	NonCancerAcute	5.19E-03	5.61E-03	2.78E-02	0.00E+00	5.81E-09	1.13E-02	9.11E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	2.78E-02
1491	CENSUS	114	372064.5	3762985	NonCancerAcute	7.58E-03	8.15E-03	4.03E-02	0.00E+00	8.75E-09	1.60E-02	1.33E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	7.86E-03	0.00E+00	0.00E+00	4.03E-02
1492	CENSUS	0	371858.3	3762941	NonCancerAcute	6.04E-03	6.50E-03	3.22E-02	0.00E+00	6.69E-09	1.28E-02	1.03E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	3.22E-02
1493	CENSUS	75	371944.5	3762964	NonCancerAcute	6.78E-03	7.29E-03	3.61E-02	0.00E+00	7.55E-09	1.43E-02	1.16E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	3.61E-02
1494	CENSUS	40	371655.6	3763154	NonCancerAcute	5.58E-03	6.00E-03	2.95E-02	0.00E+00	6.09E-09	1.16E-02	9.42E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	2.95E-02
1495	CENSUS	0	371545.4	3763192	NonCancerAcute	5.22E-03	5.61E-03	2.76E-02	0.00E+00	5.70E-09	1.08E-02	8.82E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	2.76E-02
1496	CENSUS	91	371723.4	3763024	NonCancerAcute	5.56E-03	5.98E-03	2.95E-02	0.00E+00	6.28E-09	1.17E-02	9.65E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.75E-03	0.00E+00	0.00E+00	2.95E-02
1497	CENSUS	75	371642	3763086	NonCancerAcute	5.34E-03	5.75E-03	2.83E-02	0.00E+00	5.88E-09	1.12E-02	9.12E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	2.83E-02
1498	CENSUS	49	372170.8	3762784	NonCancerAcute	7.83E-03	8.40E-03	4.15E-02	0.00E+00	9.85E-09	1.63E-02	1.46E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	4.15E-02
1499	CENSUS	42	372066.1	3762716	NonCancerAcute	7.02E-03	7.53E-03	3.72E-02	0.00E+00	8.79E-09	1.46E-02	1.30E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	3.72E-02
1500	CENSUS	83	371725.4	3762937	NonCancerAcute	5.45E-03	5.87E-03	2.90E-02	0.00E+00	6.11E-09	1.15E-02	9.39E-03	0.00E+00	1.31E-02	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	2.90E-02
1501	CENSUS	74	371723.3	3762853	NonCancerAcute	5.32E-03	5.72E-03	2.83E-02	0.00E+00	6.12E-09	1.13E-02	9.33E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	2.83E-02
1502	CENSUS	49	371765.9	3762786	NonCancerAcute	5.20E-03	5.60E-03	2.77E-02	0.00E+00	6.21E-09	1.11E-02	9.43E-03	0.00E+00	1.30E-02	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	2.77E-02
1503	CENSUS	96	371889.3	3762689	NonCancerAcute	5.84E-03	6.27E-03	3.11E-02	0.00E+00	6.85E-09	1.23E-02	1.03E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	3.11E-02
1504	CENSUS	34	371732.8	3762672	NonCancerAcute	4.86E-03	5.23E-03	2.59E-02	0.00E+00	6.08E-09	1.04E-02	9.11E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.59E-02
1505	CENSUS	436	371767.8	3762483	NonCancerAcute	4.99E-03	5.37E-03	2.66E-02	0.00E+00	5.93E-09	1.05E-02	8.94E-03	0.00E+00	1.23E-02	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	2.66E-02
1506	CENSUS	98	371920	3762493	NonCancerAcute	5.42E-03	5.82E-03	2.89E-02	0.00E+00	6.61E-09	1.15E-02	9.88E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	2.89E-02
1507	CENSUS	66	371689.4	3762373	NonCancerAcute	4.42E-03	4.75E-03	2.36E-02	0.00E+00	5.33E-09	9.37E-03	8.01E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.62E-03	0.00E+00	0.00E+00	2.36E-02
1508	CENSUS	50	371622.7	3762382	NonCancerAcute	4.12E-03	4.44E-03	2.20E-02	0.00E+00	5.08E-09	8.77E-03	7.63E-03	0.00E+00	1.05E-02	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	2.20E-02
1509	CENSUS	392	371401.2	3763193	NonCancerAcute	4.74E-03	5.09E-03	2.50E-02	0.00E+00	5.18E-09	9.86E-03	8.01E-03	0.00E+00	1.12E-02	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	2.50E-02
1510	CENSUS	43	371507.6	3762883	NonCancerAcute	4.59E-03	4.94E-03	2.44E-02	0.00E+00	5.28E-09	9.75E-03	8.09E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	2.44E-02
1511	CENSUS	308	371301.1	3762783	NonCancerAcute	3.97E-03	4.28E-03	2.12E-02	0.00E+00	4.58E-09	8.46E-03	7.00E-03	0.00E+00	9.73E-03	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	2.12E-02
1512	CENSUS	28	371534.9	3762968	NonCancerAcute	4.81E-03	5.18E-03	2.56E-02	0.00E+00	5.51E-09	1.02E-02	8.44E-03	0.00E+00	1.18E-02	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	2.56E-02
1513	CENSUS	63	371498.7	3762805	NonCancerAcute	4.40E-03	4.74E-03	2.35E-02	0.00E+00	5.20E-09	9.44E-03	7.93E-03	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	2.35E-02
1514	CENSUS	62	371481.2	3762724	NonCancerAcute	4.29E-03	4.62E-03	2.29E-02	0.00E+00	5.20E-09	9.13E-03	7.84E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	2.29E-02
1515	CENSUS	43	370950.8	3763635	NonCancerAcute	3.70E-03	3.99E-03	1.97E-02	0.00E+00	4.09E-09	7.89E-03	6.36E-03	0.00E+00	8.96E-03	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	1.97E-02
1516	CENSUS	36	371014.3	3763681	NonCancerAcute	3.82E-03	4.12E-03	2.04E-02	0.00E+00	4.33E-09	8.18E-03	6.70E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	2.04E-02
1517	CENSUS	39	371112.5	3763729	NonCancerAcute	4.04E-03	4.36E-03	2.15E-02	0.00E+00	4.63E-09	8.63E-03	7.16E-03	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	2.15E-02
1518	CENSUS	16	371068	3763710	NonCancerAcute	3.93E-03	4.24E-03	2.09E-02	0.00E+00	4.51E-09	8.41E-03	6.97E-03	0.00E+00	9.76E-03	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	2.09E-02
1519	CENSUS	30	371172.8	3763573	NonCancerAcute	4.20E-03	4.53E-03	2.24E-02	0.00E+00	4.59E-09	8.95E-03	7.16E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.24E-02
1520	CENSUS	60	371113.8	3763552	NonCancerAcute	4.09E-03	4.41E-03	2.18E-02	0.00E+00	4.46E-09	8.66E-03	6.94E-03	0.00E+00	9.78E-03	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	2.18E-02
1521	CENSUS	49	371036.8	3763524	NonCancerAcute	3.93E-03	4.23E-03	2.09E-02	0.00E+00	4.32E-09	8.27E-03	6.70E-03	0.00E+00	9.40E-03	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	2.09E-02
1522	CENSUS	42	371052.3	3763404	NonCancerAcute	3.96E-03	4.26E-03	2.10E-02	0.00E+00	4.37E-09	8.35E-03	6.75E-03	0.00E+00	9.47E-03	0.00E+00	0.00E+00	4.09E-03	0.00E+00	0.00E+00	2.10E-02
1523	CENSUS	52	371133.7	3763394	NonCancerAcute	4.16E-03	4.47E-03	2.21E-02	0.00E+00	4.53E-09	8.77E-03	7.03E-03	0.00E+00	9.88E-03	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	2.21E-02
1524	CENSUS	36	371194.8	3763385	NonCancerAcute	4.28E-03	4.60E-03	2.27E-02	0.00E+00	4.67E-09	9.05E-03	7.26E-03	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	2.27E-02
1525	CENSUS	127	371269.8	3763366	NonCancerAcute	4.46E-03	4.81E-03	2.37E-02	0.00E+00	4.84E-09	9.46E-03	7.55E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	2.37E-02
1526	CENSUS	0	373203	3763987	NonCancerAcute	2.08E-02	2.27E-02	1.12E-01	0.00E+00	3.03E-08	4.74E-02	4.58E-02	0.00E+00	6.31E-02	0.00E+00	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.12E-01
1527	CENSUS	0	373195	3764147	NonCancerAcute	1.56E-02	1.71E-02	8.43E-02	0.00E+00	1.99E-08	3.57E-02	3.12E-02	0.00E+00	4.42E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	8.43E-02
1528	CENSUS	0	373134.4	3763873	NonCancerAcute	2.46E-02	2.72E-02	1.33E-01	0.00E+00	2.91E-08	5.91E-02	4.86E-02	0.00E+00	7.19E-02	0.00E+00	0.00E+00	3.20E-02	0.00E+00	0.00E+00	1.33E-01
1529	CENSUS	0	372896	3763942	NonCancerAcute	2.65E-02	2.89E-02	1.40E-01	0.00E+00	2.35E-08	5.83E-02	4.15E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.40E-01
1530	CENSUS	3	372453.4	3763403	NonCancerAcute	1.65E-02	1.77E-02	8.68E-02	0.00E+00	1.81E-08	3.38E-02	2.79E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	8.68E-02
1531	CENSUS	0	372744.3	3763050	NonCancerAcute	2.11E-02	2.25E-02	1.11E-01	0.00E+00	2.72E-08	4.18E-02	3.90E-02	0.00E+00	5.15E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.11E-01
1532	CENSUS	0	371869.5	3763199	NonCancerAcute	6.66E-03	7.16E-03	3.52E-02	0.00E+00	7.15E-09	1.38E-02	1.11E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	3.52E-02
1533	CENSUS	0	371777.5	3763439	NonCancerAcute	6.53E-03	7.03E-03	3.48E-02	0.00E+00	6.87E-09	1.39E-02	1.08E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	3.48E-02
1534	CENSUS	0	372348.3	3762361	NonCancerAcute	6.58E-03	7.08E-03	3.52E-02	0.00E+00	8.83E-09	1.41E-02	1.30E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	7.06E-03	0.00E+00	0.00E+00	3.52E-02
1535	CENSUS	0	372016.6	3763473	NonCancerAcute	8.17E-03	8.80E-03	4.34E-02	0.00E+00	8.32E-09	1.74E-02	1.32E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	8.57E-03	0.00E+00	0.00E+00	4.34E-02
1536	CENSUS	0	371863.5	3763739	NonCancerAcute	7.30E-03	7.88E-03	3.88E-02	0.00E+00	7.41E-09	1.57E-02	1.19E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	7.78E-03	0.00E+00	0.00E+00	3.88E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1537	CENSUS	0	372555.4	3762456	NonCancerAcute	8.31E-03	8.91E-03	4.43E-02	0.00E+00	1.14E-08	1.75E-02	1.64E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	8.65E-03	0.00E+00	0.00E+00	4.43E-02
1538	CENSUS	0	371738.5	3763277	NonCancerAcute	6.16E-03	6.62E-03	3.26E-02	0.00E+00	6.47E-09	1.28E-02	1.01E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	3.26E-02
1539	CENSUS	0	372637.9	3762622	NonCancerAcute	1.03E-02	1.11E-02	5.54E-02	0.00E+00	1.45E-08	2.21E-02	2.10E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.54E-02
1540	CENSUS	0	372440	3762515	NonCancerAcute	7.92E-03	8.51E-03	4.24E-02	0.00E+00	1.11E-08	1.70E-02	1.61E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	8.49E-03	0.00E+00	0.00E+00	4.24E-02
1541	CENSUS	0	373264	3763172	NonCancerAcute	2.84E-02	3.13E-02	1.57E-01	0.00E+00	7.48E-08	6.96E-02	1.01E-01	0.00E+00	1.29E-01	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.57E-01
1542	CENSUS	0	373201.5	3763633	NonCancerAcute	6.08E-02	6.36E-02	3.13E-01	0.00E+00	5.74E-08	1.07E-01	8.16E-02	0.00E+00	1.06E-01	0.00E+00	0.00E+00	4.34E-02	0.00E+00	0.00E+00	3.13E-01
1543	CENSUS	0	373315.4	3763250	NonCancerAcute	3.05E-02	3.34E-02	1.68E-01	0.00E+00	1.15E-07	7.34E-02	1.47E-01	0.00E+00	1.77E-01	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.77E-01
1544	CENSUS	0	373488.4	3762855	NonCancerAcute	2.16E-02	2.37E-02	1.22E-01	0.00E+00	3.13E-08	5.56E-02	4.75E-02	0.00E+00	6.62E-02	0.00E+00	0.00E+00	3.20E-02	0.00E+00	0.00E+00	1.22E-01
1545	CENSUS	0	373186.9	3762877	NonCancerAcute	2.10E-02	2.29E-02	1.15E-01	0.00E+00	3.35E-08	4.93E-02	4.89E-02	0.00E+00	6.58E-02	0.00E+00	0.00E+00	2.64E-02	0.00E+00	0.00E+00	1.15E-01
1546	CENSUS	0	372130.8	3762233	NonCancerAcute	5.14E-03	5.54E-03	2.76E-02	0.00E+00	6.92E-09	1.12E-02	1.02E-02	0.00E+00	1.39E-02	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	2.76E-02
1547	CENSUS	0	372145.7	3762269	NonCancerAcute	5.29E-03	5.71E-03	2.84E-02	0.00E+00	7.16E-09	1.16E-02	1.06E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	2.84E-02
1548	CENSUS	0	372250.9	3762215	NonCancerAcute	5.29E-03	5.70E-03	2.85E-02	0.00E+00	7.04E-09	1.17E-02	1.05E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	2.85E-02
1549	CENSUS	0	372302.1	3762158	NonCancerAcute	5.31E-03	5.73E-03	2.86E-02	0.00E+00	7.25E-09	1.17E-02	1.07E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	2.86E-02
1550	CENSUS	0	372423.9	3762256	NonCancerAcute	6.14E-03	6.61E-03	3.30E-02	0.00E+00	8.24E-09	1.34E-02	1.22E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	3.30E-02
1551	CENSUS	0	372491.9	3762335	NonCancerAcute	7.19E-03	7.73E-03	3.84E-02	0.00E+00	9.83E-09	1.53E-02	1.43E-02	0.00E+00	1.92E-02	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	3.84E-02
1552	CENSUS	0	372484.4	3762195	NonCancerAcute	6.37E-03	6.85E-03	3.41E-02	0.00E+00	8.40E-09	1.37E-02	1.24E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	6.88E-03	0.00E+00	0.00E+00	3.41E-02
1553	CENSUS	0	372277.1	3762066	NonCancerAcute	4.98E-03	5.38E-03	2.68E-02	0.00E+00	6.68E-09	1.10E-02	9.92E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	5.58E-03	0.00E+00	0.00E+00	2.68E-02
1554	CENSUS	0	372609.1	3762180	NonCancerAcute	6.95E-03	7.47E-03	3.72E-02	0.00E+00	9.86E-09	1.49E-02	1.43E-02	0.00E+00	1.90E-02	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	3.72E-02
1555	CENSUS	0	372499.4	3761945	NonCancerAcute	5.45E-03	5.87E-03	2.92E-02	0.00E+00	7.40E-09	1.18E-02	1.09E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	2.92E-02
1556	CENSUS	43	372554.3	3761698	NonCancerAcute	4.70E-03	5.07E-03	2.53E-02	0.00E+00	6.26E-09	1.03E-02	9.29E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	2.53E-02
1557	CENSUS	22	372587.9	3761646	NonCancerAcute	4.65E-03	5.01E-03	2.50E-02	0.00E+00	6.16E-09	1.02E-02	9.14E-03	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	2.50E-02
1558	CENSUS	0	371787.5	3762277	NonCancerAcute	4.25E-03	4.58E-03	2.28E-02	0.00E+00	5.52E-09	9.27E-03	8.25E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	2.28E-02
1559	CENSUS	0	372011.2	3762250	NonCancerAcute	4.80E-03	5.18E-03	2.58E-02	0.00E+00	6.21E-09	1.05E-02	9.29E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	2.58E-02
1560	CENSUS	0	372110.8	3762201	NonCancerAcute	4.97E-03	5.36E-03	2.67E-02	0.00E+00	6.66E-09	1.08E-02	9.88E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.49E-03	0.00E+00	0.00E+00	2.67E-02
1561	CENSUS	0	372079	3762152	NonCancerAcute	4.71E-03	5.08E-03	2.53E-02	0.00E+00	6.27E-09	1.03E-02	9.32E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.26E-03	0.00E+00	0.00E+00	2.53E-02
1562	CENSUS	0	371889.5	3762182	NonCancerAcute	4.46E-03	4.81E-03	2.39E-02	0.00E+00	5.82E-09	9.72E-03	8.68E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	2.39E-02
1563	CENSUS	0	372189.8	3762150	NonCancerAcute	4.94E-03	5.33E-03	2.67E-02	0.00E+00	6.65E-09	1.09E-02	9.86E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	2.67E-02
1564	CENSUS	0	372163.3	3762086	NonCancerAcute	4.63E-03	5.00E-03	2.50E-02	0.00E+00	6.40E-09	1.03E-02	9.45E-03	0.00E+00	1.28E-02	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	2.50E-02
1565	CENSUS	0	371579	3763282	NonCancerAcute	5.50E-03	5.91E-03	2.91E-02	0.00E+00	5.78E-09	1.14E-02	9.02E-03	0.00E+00	1.27E-02	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	2.91E-02
1566	CENSUS	0	371568.5	3763224	NonCancerAcute	5.35E-03	5.75E-03	2.83E-02	0.00E+00	5.74E-09	1.11E-02	8.93E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	2.83E-02
1567	CENSUS	2	374048.7	3761577	NonCancerAcute	5.43E-03	6.00E-03	3.02E-02	0.00E+00	8.21E-09	1.37E-02	1.27E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	3.02E-02
1568	CENSUS	62	373840.9	3761613	NonCancerAcute	6.06E-03	6.63E-03	3.35E-02	0.00E+00	8.87E-09	1.47E-02	1.34E-02	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	3.35E-02
1569	CENSUS	54	373834	3761527	NonCancerAcute	5.65E-03	6.16E-03	3.11E-02	0.00E+00	8.11E-09	1.35E-02	1.22E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	7.30E-03	0.00E+00	0.00E+00	3.11E-02
1570	CENSUS	41	373835.1	3761578	NonCancerAcute	5.92E-03	6.46E-03	3.26E-02	0.00E+00	8.62E-09	1.42E-02	1.30E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	3.26E-02
1571	CENSUS	137	373528.3	3761578	NonCancerAcute	5.37E-03	5.86E-03	2.95E-02	0.00E+00	7.26E-09	1.28E-02	1.11E-02	0.00E+00	1.56E-02	0.00E+00	0.00E+00	6.95E-03	0.00E+00	0.00E+00	2.95E-02
1572	CENSUS	47	373474.8	3761318	NonCancerAcute	4.43E-03	4.82E-03	2.42E-02	0.00E+00	5.88E-09	1.03E-02	9.00E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.52E-03	0.00E+00	0.00E+00	2.42E-02
1573	CENSUS	78	373583.8	3761536	NonCancerAcute	5.39E-03	5.87E-03	2.96E-02	0.00E+00	7.51E-09	1.28E-02	1.14E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	2.96E-02
1574	CENSUS	35	373421.2	3761514	NonCancerAcute	5.00E-03	5.45E-03	2.75E-02	0.00E+00	6.67E-09	1.18E-02	1.02E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.38E-03	0.00E+00	0.00E+00	2.75E-02
1575	CENSUS	0	374031.5	3761498	NonCancerAcute	5.15E-03	5.67E-03	2.85E-02	0.00E+00	7.77E-09	1.28E-02	1.19E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	7.10E-03	0.00E+00	0.00E+00	2.85E-02
1576	CENSUS	48	373828.6	3761427	NonCancerAcute	5.19E-03	5.65E-03	2.85E-02	0.00E+00	7.36E-09	1.22E-02	1.11E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.59E-03	0.00E+00	0.00E+00	2.85E-02
1577	CENSUS	44	373661.4	3761427	NonCancerAcute	5.03E-03	5.47E-03	2.77E-02	0.00E+00	6.77E-09	1.19E-02	1.03E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	2.77E-02
1578	CENSUS	59	373834.5	3761476	NonCancerAcute	5.41E-03	5.90E-03	2.97E-02	0.00E+00	7.74E-09	1.28E-02	1.17E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	2.97E-02
1579	CENSUS	83	373845.9	3761309	NonCancerAcute	4.67E-03	5.08E-03	2.56E-02	0.00E+00	6.69E-09	1.10E-02	1.00E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	2.56E-02
1580	CENSUS	79	373954.5	3761358	NonCancerAcute	4.66E-03	5.10E-03	2.58E-02	0.00E+00	6.70E-09	1.14E-02	1.02E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	2.58E-02
1581	CENSUS	46	374012.2	3761343	NonCancerAcute	4.51E-03	4.96E-03	2.50E-02	0.00E+00	6.78E-09	1.12E-02	1.03E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.21E-03	0.00E+00	0.00E+00	2.50E-02
1582	CENSUS	170	374185.3	3761303	NonCancerAcute	4.31E-03	4.73E-03	2.38E-02	0.00E+00	6.54E-09	1.06E-02	9.93E-03	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	2.38E-02
1583	CENSUS	72	374044.9	3761241	NonCancerAcute	4.20E-03	4.61E-03	2.32E-02	0.00E+00	6.34E-09	1.03E-02	9.62E-03	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.70E-03	0.00E+00	0.00E+00	2.32E-02
1584	CENSUS	31	374109.4	3761180	NonCancerAcute	4.11E-03	4.50E-03	2.26E-02	0.00E+00	5.97E-09	9.88E-03	9.06E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	2.26E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1585	CENSUS	31	373792	3761321	NonCancerAcute	4.71E-03	5.13E-03	2.57E-02	0.00E+00	6.57E-09	1.10E-02	9.93E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	2.57E-02
1586	CENSUS	51	373710	3761330	NonCancerAcute	4.65E-03	5.07E-03	2.55E-02	0.00E+00	6.16E-09	1.10E-02	9.45E-03	0.00E+00	1.32E-02	0.00E+00	0.00E+00	5.93E-03	0.00E+00	0.00E+00	2.55E-02
1587	CENSUS	115	373568.5	3761313	NonCancerAcute	4.41E-03	4.80E-03	2.42E-02	0.00E+00	6.09E-09	1.04E-02	9.26E-03	0.00E+00	1.29E-02	0.00E+00	0.00E+00	5.63E-03	0.00E+00	0.00E+00	2.42E-02
1588	CENSUS	47	373653.8	3761187	NonCancerAcute	4.17E-03	4.54E-03	2.29E-02	0.00E+00	5.66E-09	9.81E-03	8.58E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	2.29E-02
1589	CENSUS	39	373741.8	3761172	NonCancerAcute	4.28E-03	4.65E-03	2.33E-02	0.00E+00	5.58E-09	9.87E-03	8.52E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.33E-02
1590	CENSUS	40	373836.2	3761173	NonCancerAcute	4.24E-03	4.61E-03	2.32E-02	0.00E+00	6.08E-09	9.89E-03	9.11E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	2.32E-02
1591	CENSUS	22	373920.4	3761168	NonCancerAcute	4.14E-03	4.52E-03	2.28E-02	0.00E+00	6.09E-09	9.85E-03	9.13E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	2.28E-02
1592	CENSUS	42	373258.2	3761758	NonCancerAcute	5.96E-03	6.48E-03	3.27E-02	0.00E+00	7.79E-09	1.40E-02	1.19E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	7.51E-03	0.00E+00	0.00E+00	3.27E-02
1593	CENSUS	54	373072.6	3761776	NonCancerAcute	5.80E-03	6.29E-03	3.15E-02	0.00E+00	7.77E-09	1.32E-02	1.17E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	6.94E-03	0.00E+00	0.00E+00	3.15E-02
1594	CENSUS	53	372885.6	3761825	NonCancerAcute	5.69E-03	6.15E-03	3.07E-02	0.00E+00	7.35E-09	1.27E-02	1.11E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	3.07E-02
1595	CENSUS	43	372872.9	3761778	NonCancerAcute	5.49E-03	5.93E-03	2.96E-02	0.00E+00	7.02E-09	1.22E-02	1.06E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	2.96E-02
1596	CENSUS	0	372861.9	3761743	NonCancerAcute	5.36E-03	5.79E-03	2.89E-02	0.00E+00	6.82E-09	1.19E-02	1.03E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	2.89E-02
1597	CENSUS	0	372850.1	3761725	NonCancerAcute	5.30E-03	5.72E-03	2.85E-02	0.00E+00	6.71E-09	1.17E-02	1.01E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	5.98E-03	0.00E+00	0.00E+00	2.85E-02
1598	CENSUS	0	372729.8	3761767	NonCancerAcute	5.30E-03	5.71E-03	2.85E-02	0.00E+00	6.71E-09	1.16E-02	1.01E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	2.85E-02
1599	CENSUS	74	372652.8	3761605	NonCancerAcute	4.58E-03	4.94E-03	2.46E-02	0.00E+00	5.79E-09	1.00E-02	8.71E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	2.46E-02
1600	CENSUS	67	372734	3761573	NonCancerAcute	4.64E-03	5.00E-03	2.49E-02	0.00E+00	5.83E-09	1.01E-02	8.79E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.49E-02
1601	CENSUS	69	372815.1	3761541	NonCancerAcute	4.61E-03	4.98E-03	2.48E-02	0.00E+00	5.81E-09	1.02E-02	8.78E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	2.48E-02
1602	CENSUS	91	372897	3761512	NonCancerAcute	4.52E-03	4.89E-03	2.44E-02	0.00E+00	5.73E-09	1.01E-02	8.71E-03	0.00E+00	1.21E-02	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	2.44E-02
1603	CENSUS	0	372970.4	3761685	NonCancerAcute	5.26E-03	5.69E-03	2.85E-02	0.00E+00	6.69E-09	1.18E-02	1.02E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	2.85E-02
1604	CENSUS	0	373052.6	3761693	NonCancerAcute	5.38E-03	5.83E-03	2.92E-02	0.00E+00	7.05E-09	1.22E-02	1.07E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	6.37E-03	0.00E+00	0.00E+00	2.92E-02
1605	CENSUS	45	373066.1	3761727	NonCancerAcute	5.54E-03	6.01E-03	3.01E-02	0.00E+00	7.33E-09	1.26E-02	1.11E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	6.58E-03	0.00E+00	0.00E+00	3.01E-02
1606	CENSUS	34	373246.8	3761709	NonCancerAcute	5.67E-03	6.16E-03	3.10E-02	0.00E+00	7.36E-09	1.32E-02	1.13E-02	0.00E+00	1.58E-02	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	3.10E-02
1607	CENSUS	0	373244	3761673	NonCancerAcute	5.47E-03	5.95E-03	2.99E-02	0.00E+00	7.11E-09	1.28E-02	1.09E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.81E-03	0.00E+00	0.00E+00	2.99E-02
1608	CENSUS	62	373343.5	3761485	NonCancerAcute	4.85E-03	5.28E-03	2.65E-02	0.00E+00	6.33E-09	1.13E-02	9.70E-03	0.00E+00	1.35E-02	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	2.65E-02
1609	CENSUS	0	373088.2	3761665	NonCancerAcute	5.28E-03	5.72E-03	2.87E-02	0.00E+00	6.93E-09	1.20E-02	1.05E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	2.87E-02
1610	CENSUS	75	373060.4	3761461	NonCancerAcute	4.60E-03	4.98E-03	2.49E-02	0.00E+00	5.97E-09	1.03E-02	9.04E-03	0.00E+00	1.25E-02	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	2.49E-02
1611	CENSUS	74	372974.7	3761475	NonCancerAcute	4.48E-03	4.86E-03	2.43E-02	0.00E+00	5.79E-09	1.01E-02	8.79E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	2.43E-02
1612	CENSUS	37	372952	3761211	NonCancerAcute	3.85E-03	4.17E-03	2.07E-02	0.00E+00	4.94E-09	8.57E-03	7.49E-03	0.00E+00	1.04E-02	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	2.07E-02
1613	CENSUS	96	373118.1	3761366	NonCancerAcute	4.35E-03	4.71E-03	2.36E-02	0.00E+00	5.69E-09	9.85E-03	8.63E-03	0.00E+00	1.19E-02	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	2.36E-02
1614	CENSUS	108	373224.1	3761410	NonCancerAcute	4.56E-03	4.95E-03	2.48E-02	0.00E+00	5.95E-09	1.04E-02	9.08E-03	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	2.48E-02
1615	CENSUS	86	373225	3761237	NonCancerAcute	4.10E-03	4.45E-03	2.22E-02	0.00E+00	5.39E-09	9.29E-03	8.17E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	2.22E-02
1616	CENSUS	28	373336.8	3761225	NonCancerAcute	4.13E-03	4.48E-03	2.24E-02	0.00E+00	5.29E-09	9.43E-03	8.09E-03	0.00E+00	1.13E-02	0.00E+00	0.00E+00	4.95E-03	0.00E+00	0.00E+00	2.24E-02
1617	CENSUS	20	373243.2	3761083	NonCancerAcute	3.78E-03	4.09E-03	2.04E-02	0.00E+00	4.92E-09	8.51E-03	7.46E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	2.04E-02
1618	CENSUS	0	373397.8	3761251	NonCancerAcute	4.32E-03	4.68E-03	2.35E-02	0.00E+00	5.70E-09	9.89E-03	8.65E-03	0.00E+00	1.20E-02	0.00E+00	0.00E+00	5.21E-03	0.00E+00	0.00E+00	2.35E-02
1619	CENSUS	0	373389.9	3761536	NonCancerAcute	5.05E-03	5.50E-03	2.77E-02	0.00E+00	6.62E-09	1.19E-02	1.02E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	2.77E-02
1620	CENSUS	0	373806.4	3762792	NonCancerAcute	2.52E-02	2.76E-02	1.46E-01	0.00E+00	3.76E-08	6.74E-02	5.66E-02	0.00E+00	7.79E-02	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	1.46E-01
1621	CENSUS	0	373776.3	3762227	NonCancerAcute	1.10E-02	1.23E-02	6.66E-02	0.00E+00	1.80E-08	3.39E-02	2.80E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	2.16E-02	0.00E+00	0.00E+00	6.66E-02
1622	CENSUS	0	373541.6	3762779	NonCancerAcute	1.88E-02	2.07E-02	1.09E-01	0.00E+00	2.62E-08	5.09E-02	4.06E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.09E-01
1623	CENSUS	0	373680	3761753	NonCancerAcute	6.65E-03	7.27E-03	3.69E-02	0.00E+00	9.26E-09	1.63E-02	1.42E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	9.06E-03	0.00E+00	0.00E+00	3.69E-02
1624	CENSUS	92	373586.7	3762287	NonCancerAcute	1.04E-02	1.15E-02	6.79E-02	0.00E+00	1.52E-08	3.60E-02	2.35E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	2.45E-02	0.00E+00	0.00E+00	6.79E-02
1625	CENSUS	0	373795.8	3761660	NonCancerAcute	6.35E-03	6.94E-03	3.51E-02	0.00E+00	9.14E-09	1.54E-02	1.39E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	3.51E-02
1626	CENSUS	0	373958.2	3761761	NonCancerAcute	6.45E-03	7.16E-03	3.61E-02	0.00E+00	9.99E-09	1.68E-02	1.55E-02	0.00E+00	2.20E-02	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	3.61E-02
1627	CENSUS	268	372744.8	3762654	NonCancerAcute	1.13E-02	1.21E-02	5.99E-02	0.00E+00	1.52E-08	2.34E-02	2.20E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	5.99E-02
1628	CENSUS	72	372878.3	3762348	NonCancerAcute	9.48E-03	1.02E-02	5.12E-02	0.00E+00	1.41E-08	2.10E-02	2.04E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.12E-02
1629	CENSUS	28	372704.9	3762004	NonCancerAcute	6.33E-03	6.81E-03	3.39E-02	0.00E+00	8.46E-09	1.37E-02	1.25E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	3.39E-02
1630	CENSUS	83	373329.2	3762331	NonCancerAcute	1.09E-02	1.20E-02	6.22E-02	0.00E+00	2.11E-08	2.84E-02	3.00E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	6.22E-02
1631	CENSUS	71	373125.3	3762591	NonCancerAcute	1.46E-02	1.58E-02	8.01E-02	0.00E+00	2.52E-08	3.43E-02	3.60E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	8.01E-02
1632	CENSUS	52	373458	3761952	NonCancerAcute	7.70E-03	8.41E-03	4.30E-02	0.00E+00	1.07E-08	1.90E-02	1.64E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	4.30E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1633	CENSUS	82	372967.4	3762355	NonCancerAcute	9.84E-03	1.06E-02	5.34E-02	0.00E+00	1.61E-08	2.21E-02	2.29E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	5.34E-02
1634	CENSUS	0	372636.2	3762517	NonCancerAcute	8.82E-03	9.47E-03	4.72E-02	0.00E+00	1.18E-08	1.88E-02	1.72E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	4.72E-02
1635	CENSUS	124	373423	3762314	NonCancerAcute	1.14E-02	1.25E-02	6.54E-02	0.00E+00	2.11E-08	3.02E-02	3.04E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	6.54E-02
1636	CENSUS	75	372792.4	3762301	NonCancerAcute	8.68E-03	9.34E-03	4.65E-02	0.00E+00	1.25E-08	1.87E-02	1.80E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	9.35E-03	0.00E+00	0.00E+00	4.65E-02
1637	CENSUS	0	373438.6	3761718	NonCancerAcute	5.79E-03	6.32E-03	3.21E-02	0.00E+00	7.71E-09	1.40E-02	1.19E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	3.21E-02
1638	CENSUS	0	373962.6	3761664	NonCancerAcute	5.98E-03	6.61E-03	3.33E-02	0.00E+00	9.12E-09	1.51E-02	1.40E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	3.33E-02
1639	CENSUS	0	374084.4	3761657	NonCancerAcute	5.77E-03	6.41E-03	3.23E-02	0.00E+00	8.84E-09	1.50E-02	1.38E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	8.56E-03	0.00E+00	0.00E+00	3.23E-02
1640	CENSUS	0	373474.7	3761726	NonCancerAcute	5.92E-03	6.46E-03	3.28E-02	0.00E+00	7.77E-09	1.44E-02	1.20E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	3.28E-02
1641	CENSUS	82	373080.3	3761968	NonCancerAcute	6.98E-03	7.56E-03	3.80E-02	0.00E+00	9.40E-09	1.59E-02	1.41E-02	0.00E+00	1.94E-02	0.00E+00	0.00E+00	8.34E-03	0.00E+00	0.00E+00	3.80E-02
1642	CENSUS	96	373146.3	3762338	NonCancerAcute	1.05E-02	1.14E-02	5.83E-02	0.00E+00	1.95E-08	2.54E-02	2.76E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	5.83E-02
1643	CENSUS	88	373237	3762333	NonCancerAcute	1.08E-02	1.18E-02	6.04E-02	0.00E+00	2.06E-08	2.68E-02	2.92E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	6.04E-02
1644	CENSUS	89	373172.7	3761953	NonCancerAcute	6.86E-03	7.45E-03	3.75E-02	0.00E+00	9.70E-09	1.60E-02	1.45E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	8.54E-03	0.00E+00	0.00E+00	3.75E-02
1645	CENSUS	69	373266	3761939	NonCancerAcute	6.96E-03	7.58E-03	3.84E-02	0.00E+00	9.99E-09	1.66E-02	1.50E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	9.00E-03	0.00E+00	0.00E+00	3.84E-02
1646	CENSUS	71	373359.3	3761926	NonCancerAcute	7.04E-03	7.68E-03	3.91E-02	0.00E+00	1.01E-08	1.72E-02	1.53E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	9.50E-03	0.00E+00	0.00E+00	3.91E-02
1647	CENSUS	71	373056.6	3762343	NonCancerAcute	1.02E-02	1.10E-02	5.58E-02	0.00E+00	1.76E-08	2.37E-02	2.50E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	5.58E-02
1648	CENSUS	61	372989.5	3761990	NonCancerAcute	6.86E-03	7.42E-03	3.72E-02	0.00E+00	9.42E-09	1.54E-02	1.40E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	8.02E-03	0.00E+00	0.00E+00	3.72E-02
1649	CENSUS	33	372927.9	3762084	NonCancerAcute	7.35E-03	7.94E-03	3.98E-02	0.00E+00	9.96E-09	1.64E-02	1.48E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	3.98E-02
1650	CENSUS	45	372845.8	3761986	NonCancerAcute	6.63E-03	7.14E-03	3.57E-02	0.00E+00	8.61E-09	1.46E-02	1.28E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	3.57E-02
1651	CENSUS	16	372765.4	3761940	NonCancerAcute	6.20E-03	6.68E-03	3.34E-02	0.00E+00	8.29E-09	1.36E-02	1.22E-02	0.00E+00	1.66E-02	0.00E+00	0.00E+00	6.93E-03	0.00E+00	0.00E+00	3.34E-02
1652	CENSUS	0	372733.5	3761882	NonCancerAcute	5.79E-03	6.24E-03	3.13E-02	0.00E+00	7.66E-09	1.27E-02	1.14E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.51E-03	0.00E+00	0.00E+00	3.13E-02
1653	CENSUS	0	374865.4	3763128	NonCancerAcute	7.65E-03	8.42E-03	4.28E-02	0.00E+00	1.92E-08	1.93E-02	2.62E-02	0.00E+00	3.35E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.28E-02
1654	CENSUS	21	374725.5	3762580	NonCancerAcute	8.06E-03	9.11E-03	4.58E-02	0.00E+00	1.42E-08	2.26E-02	2.23E-02	0.00E+00	3.18E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	4.58E-02
1655	CENSUS	0	374705.7	3762798	NonCancerAcute	8.87E-03	9.99E-03	5.05E-02	0.00E+00	1.83E-08	2.47E-02	2.74E-02	0.00E+00	3.76E-02	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	5.05E-02
1656	CENSUS	10	374854.6	3762458	NonCancerAcute	7.11E-03	8.05E-03	4.06E-02	0.00E+00	1.36E-08	2.01E-02	2.09E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	4.06E-02
1657	CENSUS	49	374850.6	3762610	NonCancerAcute	7.11E-03	8.04E-03	4.04E-02	0.00E+00	1.32E-08	1.99E-02	2.04E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.04E-02
1658	CENSUS	80	375211.5	3763031	NonCancerAcute	6.57E-03	7.23E-03	3.66E-02	0.00E+00	1.36E-08	1.65E-02	1.93E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	9.26E-03	0.00E+00	0.00E+00	3.66E-02
1659	CENSUS	61	375245.9	3763112	NonCancerAcute	6.67E-03	7.31E-03	3.68E-02	0.00E+00	1.38E-08	1.62E-02	1.94E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	8.93E-03	0.00E+00	0.00E+00	3.68E-02
1660	CENSUS	34	375299.2	3763191	NonCancerAcute	6.16E-03	6.77E-03	3.43E-02	0.00E+00	1.32E-08	1.54E-02	1.86E-02	0.00E+00	2.43E-02	0.00E+00	0.00E+00	8.61E-03	0.00E+00	0.00E+00	3.43E-02
1661	CENSUS	37	375253.3	3763277	NonCancerAcute	6.54E-03	7.17E-03	3.61E-02	0.00E+00	1.34E-08	1.58E-02	1.89E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	8.69E-03	0.00E+00	0.00E+00	3.61E-02
1662	CENSUS	77	375135	3762933	NonCancerAcute	7.00E-03	7.71E-03	3.89E-02	0.00E+00	1.43E-08	1.75E-02	2.04E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	9.82E-03	0.00E+00	0.00E+00	3.89E-02
1663	CENSUS	64	375057.8	3762874	NonCancerAcute	7.18E-03	7.94E-03	3.99E-02	0.00E+00	1.30E-08	1.82E-02	1.93E-02	0.00E+00	2.62E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.99E-02
1664	CENSUS	68	374996.8	3762805	NonCancerAcute	6.95E-03	7.75E-03	3.92E-02	0.00E+00	1.33E-08	1.86E-02	1.98E-02	0.00E+00	2.71E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.92E-02
1665	CENSUS	54	374949.6	3762729	NonCancerAcute	6.83E-03	7.66E-03	3.86E-02	0.00E+00	1.36E-08	1.86E-02	2.03E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	3.86E-02
1666	CENSUS	49	374944.8	3762629	NonCancerAcute	6.76E-03	7.62E-03	3.86E-02	0.00E+00	1.36E-08	1.89E-02	2.05E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	3.86E-02
1667	CENSUS	0	374634.1	3762678	NonCancerAcute	9.29E-03	1.06E-02	5.30E-02	0.00E+00	1.69E-08	2.65E-02	2.66E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	5.30E-02
1668	CENSUS	25	375310.7	3762916	NonCancerAcute	6.17E-03	6.79E-03	3.43E-02	0.00E+00	1.33E-08	1.54E-02	1.88E-02	0.00E+00	2.45E-02	0.00E+00	0.00E+00	8.66E-03	0.00E+00	0.00E+00	3.43E-02
1669	CENSUS	43	375367.7	3762792	NonCancerAcute	5.84E-03	6.43E-03	3.25E-02	0.00E+00	1.25E-08	1.46E-02	1.76E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	3.25E-02
1670	CENSUS	20	375300.7	3762759	NonCancerAcute	6.04E-03	6.66E-03	3.38E-02	0.00E+00	1.24E-08	1.53E-02	1.77E-02	0.00E+00	2.34E-02	0.00E+00	0.00E+00	8.68E-03	0.00E+00	0.00E+00	3.38E-02
1671	CENSUS	144	375455.4	3762540	NonCancerAcute	4.74E-03	5.25E-03	2.67E-02	0.00E+00	1.15E-08	1.24E-02	1.60E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	7.11E-03	0.00E+00	0.00E+00	2.67E-02
1672	CENSUS	38	375353.3	3762580	NonCancerAcute	5.09E-03	5.64E-03	2.87E-02	0.00E+00	1.21E-08	1.33E-02	1.70E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	2.87E-02
1673	CENSUS	69	375241.4	3762590	NonCancerAcute	5.74E-03	6.38E-03	3.23E-02	0.00E+00	1.32E-08	1.52E-02	1.88E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	8.78E-03	0.00E+00	0.00E+00	3.23E-02
1674	CENSUS	162	375327.6	3762408	NonCancerAcute	4.71E-03	5.26E-03	2.67E-02	0.00E+00	1.17E-08	1.27E-02	1.64E-02	0.00E+00	2.16E-02	0.00E+00	0.00E+00	7.45E-03	0.00E+00	0.00E+00	2.67E-02
1675	CENSUS	60	375348.5	3762306	NonCancerAcute	4.47E-03	5.00E-03	2.55E-02	0.00E+00	1.12E-08	1.23E-02	1.58E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	7.32E-03	0.00E+00	0.00E+00	2.55E-02
1676	CENSUS	51	375017.4	3762454	NonCancerAcute	6.37E-03	7.16E-03	3.64E-02	0.00E+00	1.42E-08	1.77E-02	2.07E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	3.64E-02
1677	CENSUS	146	375236.2	3762327	NonCancerAcute	4.93E-03	5.52E-03	2.81E-02	0.00E+00	1.20E-08	1.36E-02	1.70E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	8.06E-03	0.00E+00	0.00E+00	2.81E-02
1678	CENSUS	0	375238.8	3761939	NonCancerAcute	4.00E-03	4.43E-03	2.22E-02	0.00E+00	7.07E-09	1.01E-02	1.06E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	2.22E-02
1679	CENSUS	24	375342.7	3761939	NonCancerAcute	3.87E-03	4.26E-03	2.13E-02	0.00E+00	6.97E-09	9.48E-03	1.02E-02	0.00E+00	1.39E-02	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	2.13E-02
1680	CENSUS	2	375252.8	3761961	NonCancerAcute	4.01E-03	4.44E-03	2.23E-02	0.00E+00	7.25E-09	1.02E-02	1.07E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	2.23E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1681	CENSUS	210	375140.5	3762234	NonCancerAcute	5.29E-03	5.93E-03	3.01E-02	0.00E+00	1.18E-08	1.45E-02	1.72E-02	0.00E+00	2.30E-02	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	3.01E-02
1682	CENSUS	85	375154.8	3762148	NonCancerAcute	5.04E-03	5.62E-03	2.84E-02	0.00E+00	1.18E-08	1.35E-02	1.68E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	2.84E-02
1683	CENSUS	57	375072.8	3761852	NonCancerAcute	4.57E-03	5.10E-03	2.58E-02	0.00E+00	1.02E-08	1.22E-02	1.47E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	7.12E-03	0.00E+00	0.00E+00	2.58E-02
1684	CENSUS	55	375122.1	3761985	NonCancerAcute	4.54E-03	5.07E-03	2.57E-02	0.00E+00	1.02E-08	1.23E-02	1.47E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	2.57E-02
1685	CENSUS	52	375121.6	3762088	NonCancerAcute	4.92E-03	5.52E-03	2.80E-02	0.00E+00	1.15E-08	1.35E-02	1.66E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	8.03E-03	0.00E+00	0.00E+00	2.80E-02
1686	CENSUS	21	375207	3761815	NonCancerAcute	3.89E-03	4.32E-03	2.18E-02	0.00E+00	7.91E-09	1.02E-02	1.15E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	2.18E-02
1687	CENSUS	0	374590.5	3762620	NonCancerAcute	9.52E-03	1.09E-02	5.45E-02	0.00E+00	1.63E-08	2.78E-02	2.65E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	1.69E-02	0.00E+00	0.00E+00	5.45E-02
1688	CENSUS	64	374577.8	3762514	NonCancerAcute	9.34E-03	1.07E-02	5.35E-02	0.00E+00	1.55E-08	2.75E-02	2.58E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	5.35E-02
1689	CENSUS	37	374637	3762371	NonCancerAcute	7.99E-03	9.21E-03	4.63E-02	0.00E+00	1.34E-08	2.43E-02	2.24E-02	0.00E+00	3.34E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	4.63E-02
1690	CENSUS	123	374906.6	3762064	NonCancerAcute	6.34E-03	7.13E-03	3.60E-02	0.00E+00	1.20E-08	1.75E-02	1.82E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	3.60E-02
1691	CENSUS	74	374966	3762166	NonCancerAcute	6.17E-03	6.96E-03	3.52E-02	0.00E+00	1.22E-08	1.73E-02	1.85E-02	0.00E+00	2.57E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	3.52E-02
1692	CENSUS	325	374728	3761965	NonCancerAcute	6.74E-03	7.60E-03	3.83E-02	0.00E+00	1.31E-08	1.88E-02	2.00E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	3.83E-02
1693	CENSUS	28	374645	3762041	NonCancerAcute	8.07E-03	9.11E-03	4.56E-02	0.00E+00	1.36E-08	2.23E-02	2.16E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	4.56E-02
1694	CENSUS	0	374773	3761992	NonCancerAcute	6.23E-03	7.02E-03	3.54E-02	0.00E+00	1.26E-08	1.73E-02	1.90E-02	0.00E+00	2.63E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	3.54E-02
1695	CENSUS	72	374677.8	3762218	NonCancerAcute	8.85E-03	9.99E-03	5.00E-02	0.00E+00	1.41E-08	2.43E-02	2.28E-02	0.00E+00	3.30E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	5.00E-02
1696	CENSUS	28	374611.6	3762288	NonCancerAcute	9.71E-03	1.10E-02	5.48E-02	0.00E+00	1.45E-08	2.70E-02	2.41E-02	0.00E+00	3.58E-02	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	5.48E-02
1697	CENSUS	0	374413.2	3762529	NonCancerAcute	1.34E-02	1.55E-02	7.70E-02	0.00E+00	1.95E-08	4.04E-02	3.46E-02	0.00E+00	5.34E-02	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	7.70E-02
1698	CENSUS	350	374193.3	3762156	NonCancerAcute	1.02E-02	1.18E-02	5.90E-02	0.00E+00	1.33E-08	3.16E-02	2.49E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	5.90E-02
1699	CENSUS	112	374691.6	3761662	NonCancerAcute	5.18E-03	5.83E-03	2.95E-02	0.00E+00	1.10E-08	1.44E-02	1.62E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	8.60E-03	0.00E+00	0.00E+00	2.95E-02
1700	CENSUS	23	374761.6	3761594	NonCancerAcute	4.88E-03	5.47E-03	2.77E-02	0.00E+00	1.04E-08	1.34E-02	1.52E-02	0.00E+00	2.07E-02	0.00E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	2.77E-02
1701	CENSUS	74	374624.3	3761489	NonCancerAcute	4.51E-03	4.98E-03	2.48E-02	0.00E+00	7.24E-09	1.12E-02	1.10E-02	0.00E+00	1.54E-02	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	2.48E-02
1702	CENSUS	34	374605.6	3761353	NonCancerAcute	4.06E-03	4.49E-03	2.24E-02	0.00E+00	6.44E-09	1.01E-02	9.83E-03	0.00E+00	1.37E-02	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	2.24E-02
1703	CENSUS	83	374515.1	3761531	NonCancerAcute	4.71E-03	5.23E-03	2.61E-02	0.00E+00	7.24E-09	1.20E-02	1.13E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	6.77E-03	0.00E+00	0.00E+00	2.61E-02
1704	CENSUS	0	374440.8	3761452	NonCancerAcute	4.36E-03	4.84E-03	2.42E-02	0.00E+00	6.54E-09	1.12E-02	1.03E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	2.42E-02
1705	CENSUS	137	374317.4	3761468	NonCancerAcute	4.59E-03	5.09E-03	2.55E-02	0.00E+00	6.95E-09	1.17E-02	1.09E-02	0.00E+00	1.55E-02	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	2.55E-02
1706	CENSUS	123	374273.3	3761382	NonCancerAcute	4.41E-03	4.87E-03	2.45E-02	0.00E+00	6.64E-09	1.11E-02	1.03E-02	0.00E+00	1.44E-02	0.00E+00	0.00E+00	6.23E-03	0.00E+00	0.00E+00	2.45E-02
1707	CENSUS	48	374309.3	3761171	NonCancerAcute	3.79E-03	4.18E-03	2.10E-02	0.00E+00	5.70E-09	9.42E-03	8.73E-03	0.00E+00	1.22E-02	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	2.10E-02
1708	CENSUS	10	374993.8	3761699	NonCancerAcute	4.53E-03	5.03E-03	2.53E-02	0.00E+00	9.18E-09	1.17E-02	1.33E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	2.53E-02
1709	CENSUS	23	374935.9	3761602	NonCancerAcute	4.37E-03	4.86E-03	2.45E-02	0.00E+00	9.15E-09	1.15E-02	1.33E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	6.61E-03	0.00E+00	0.00E+00	2.45E-02
1710	CENSUS	31	374883.6	3761611	NonCancerAcute	4.62E-03	5.14E-03	2.60E-02	0.00E+00	9.64E-09	1.22E-02	1.40E-02	0.00E+00	1.88E-02	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	2.60E-02
1711	CENSUS	8	374833.3	3761616	NonCancerAcute	4.86E-03	5.43E-03	2.75E-02	0.00E+00	1.02E-08	1.30E-02	1.48E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	2.75E-02
1712	CENSUS	14	374818.7	3761527	NonCancerAcute	4.53E-03	5.06E-03	2.56E-02	0.00E+00	9.60E-09	1.21E-02	1.40E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	7.08E-03	0.00E+00	0.00E+00	2.56E-02
1713	CENSUS	41	374865.7	3761513	NonCancerAcute	4.44E-03	4.94E-03	2.50E-02	0.00E+00	9.31E-09	1.17E-02	1.35E-02	0.00E+00	1.82E-02	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	2.50E-02
1714	CENSUS	52	374917.9	3761502	NonCancerAcute	4.33E-03	4.80E-03	2.43E-02	0.00E+00	8.97E-09	1.13E-02	1.30E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	6.47E-03	0.00E+00	0.00E+00	2.43E-02
1715	CENSUS	42	375011.8	3761596	NonCancerAcute	4.13E-03	4.58E-03	2.31E-02	0.00E+00	8.20E-09	1.07E-02	1.20E-02	0.00E+00	1.61E-02	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	2.31E-02
1716	CENSUS	12	374799.4	3761431	NonCancerAcute	4.28E-03	4.76E-03	2.40E-02	0.00E+00	8.64E-09	1.12E-02	1.26E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	2.40E-02
1717	PROPERTY		373878.3	3763644	NonCancerAcute	2.06E-02	2.24E-02	1.16E-01	0.00E+00	2.14E-07	5.10E-02	2.52E-01	0.00E+00	2.75E-01	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	2.75E-01
1718	PROPERTY		373970.5	3763624	NonCancerAcute	1.79E-02	1.95E-02	1.00E-01	0.00E+00	1.33E-07	4.41E-02	1.59E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.78E-01
1719	PROPERTY		374064.3	3763658	NonCancerAcute	1.46E-02	1.59E-02	8.09E-02	0.00E+00	6.28E-08	3.52E-02	7.89E-02	0.00E+00	9.24E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	9.24E-02
1720	PROPERTY		374104.6	3763597	NonCancerAcute	1.31E-02	1.43E-02	7.25E-02	0.00E+00	3.30E-08	3.15E-02	4.44E-02	0.00E+00	5.56E-02	0.00E+00	0.00E+00	1.72E-02	0.00E+00	0.00E+00	7.25E-02
1721	PROPERTY		374149.7	3763551	NonCancerAcute	1.25E-02	1.36E-02	6.88E-02	0.00E+00	2.31E-08	3.01E-02	3.30E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	6.88E-02
1722	PROPERTY		374116.7	3763467	NonCancerAcute	1.38E-02	1.51E-02	7.66E-02	0.00E+00	3.38E-08	3.40E-02	4.59E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	7.66E-02
1723	PROPERTY		374142.8	3763403	NonCancerAcute	1.38E-02	1.51E-02	7.67E-02	0.00E+00	4.24E-08	3.41E-02	5.57E-02	0.00E+00	6.84E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	7.67E-02
1724	PROPERTY		374142.2	3763307	NonCancerAcute	1.49E-02	1.63E-02	8.24E-02	0.00E+00	4.11E-08	3.64E-02	5.49E-02	0.00E+00	6.83E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	8.24E-02
1725	PROPERTY		374140	3763207	NonCancerAcute	1.55E-02	1.70E-02	8.59E-02	0.00E+00	3.43E-08	3.81E-02	4.78E-02	0.00E+00	6.17E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	8.59E-02
1726	PROPERTY		374184.9	3763187	NonCancerAcute	1.40E-02	1.54E-02	7.79E-02	0.00E+00	2.86E-08	3.54E-02	4.09E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	2.00E-02	0.00E+00	0.00E+00	7.79E-02
1727	PROPERTY		374255.8	3763140	NonCancerAcute	1.28E-02	1.42E-02	7.16E-02	0.00E+00	2.36E-08	3.30E-02	3.49E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	7.16E-02
1728	PROPERTY		374255.9	3763058	NonCancerAcute	1.33E-02	1.49E-02	7.49E-02	0.00E+00	2.29E-08	3.59E-02	3.55E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	2.10E-02	0.00E+00	0.00E+00	7.49E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1729	PROPERTY		374303.9	3763049	NonCancerAcute	1.36E-02	1.56E-02	7.78E-02	0.00E+00	2.15E-08	3.99E-02	3.63E-02	0.00E+00	5.42E-02	0.00E+00	0.00E+00	2.43E-02	0.00E+00	0.00E+00	7.78E-02
1730	PROPERTY		374350.8	3763006	NonCancerAcute	1.20E-02	1.34E-02	6.77E-02	0.00E+00	2.04E-08	3.23E-02	3.16E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	6.77E-02
1731	PROPERTY		374338.8	3762922	NonCancerAcute	1.16E-02	1.31E-02	6.63E-02	0.00E+00	2.02E-08	3.32E-02	3.22E-02	0.00E+00	4.63E-02	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	6.63E-02
1732	PROPERTY		374390.8	3762908	NonCancerAcute	1.08E-02	1.23E-02	6.19E-02	0.00E+00	1.83E-08	3.08E-02	2.93E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	6.19E-02
1733	PROPERTY		374432	3762848	NonCancerAcute	1.17E-02	1.36E-02	6.79E-02	0.00E+00	1.84E-08	3.68E-02	3.26E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	6.79E-02
1734	PROPERTY		374466.4	3762754	NonCancerAcute	1.08E-02	1.23E-02	6.15E-02	0.00E+00	1.70E-08	3.11E-02	2.84E-02	0.00E+00	4.21E-02	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	6.15E-02
1735	PROPERTY		374500.8	3762660	NonCancerAcute	1.09E-02	1.25E-02	6.28E-02	0.00E+00	1.82E-08	3.28E-02	3.05E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	6.28E-02
1736	PROPERTY		374509.2	3762571	NonCancerAcute	1.02E-02	1.18E-02	5.89E-02	0.00E+00	1.65E-08	3.10E-02	2.82E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	1.92E-02	0.00E+00	0.00E+00	5.89E-02
1737	PROPERTY		374507.2	3762488	NonCancerAcute	1.02E-02	1.19E-02	5.94E-02	0.00E+00	1.66E-08	3.24E-02	2.90E-02	0.00E+00	4.44E-02	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	5.94E-02
1738	PROPERTY		374485.3	3762391	NonCancerAcute	1.24E-02	1.44E-02	7.11E-02	0.00E+00	1.76E-08	3.71E-02	3.15E-02	0.00E+00	4.88E-02	0.00E+00	0.00E+00	2.28E-02	0.00E+00	0.00E+00	7.11E-02
1739	PROPERTY		374481	3762291	NonCancerAcute	1.12E-02	1.31E-02	6.48E-02	0.00E+00	1.76E-08	3.50E-02	3.11E-02	0.00E+00	4.79E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	6.48E-02
1740	PROPERTY		374481.6	3762191	NonCancerAcute	9.22E-03	1.09E-02	5.43E-02	0.00E+00	1.62E-08	3.06E-02	2.84E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	5.43E-02
1741	PROPERTY		374496.6	3762092	NonCancerAcute	8.14E-03	9.51E-03	4.74E-02	0.00E+00	1.23E-08	2.58E-02	2.20E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	4.74E-02
1742	PROPERTY		374507.3	3761993	NonCancerAcute	7.13E-03	8.22E-03	4.10E-02	0.00E+00	9.96E-09	2.14E-02	1.78E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	4.10E-02
1743	PROPERTY		374508	3761893	NonCancerAcute	6.38E-03	7.27E-03	3.61E-02	0.00E+00	9.53E-09	1.80E-02	1.60E-02	0.00E+00	2.40E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	3.61E-02
1744	PROPERTY		374492.3	3761807	NonCancerAcute	6.01E-03	6.78E-03	3.38E-02	0.00E+00	8.96E-09	1.64E-02	1.47E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	9.59E-03	0.00E+00	0.00E+00	3.38E-02
1745	PROPERTY		374402.7	3761799	NonCancerAcute	6.28E-03	7.14E-03	3.56E-02	0.00E+00	8.79E-09	1.77E-02	1.50E-02	0.00E+00	2.27E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	3.56E-02
1746	PROPERTY		374333	3761769	NonCancerAcute	6.09E-03	6.87E-03	3.44E-02	0.00E+00	8.59E-09	1.68E-02	1.44E-02	0.00E+00	2.14E-02	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	3.44E-02
1747	PROPERTY		374256.6	3761794	NonCancerAcute	6.25E-03	7.06E-03	3.54E-02	0.00E+00	9.08E-09	1.73E-02	1.51E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	3.54E-02
1748	PROPERTY		374212.3	3761849	NonCancerAcute	6.69E-03	7.56E-03	3.79E-02	0.00E+00	9.48E-09	1.86E-02	1.59E-02	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	3.79E-02
1749	PROPERTY		374112.3	3761852	NonCancerAcute	6.90E-03	7.76E-03	3.92E-02	0.00E+00	1.02E-08	1.91E-02	1.67E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	3.92E-02
1750	PROPERTY		374128.9	3761865	NonCancerAcute	6.98E-03	7.85E-03	3.97E-02	0.00E+00	1.02E-08	1.94E-02	1.68E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	3.97E-02
1751	PROPERTY		374156.7	3761936	NonCancerAcute	7.77E-03	8.81E-03	4.44E-02	0.00E+00	1.06E-08	2.21E-02	1.82E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	4.44E-02
1752	PROPERTY		374156.7	3762036	NonCancerAcute	8.93E-03	1.02E-02	5.16E-02	0.00E+00	1.35E-08	2.67E-02	2.30E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	5.16E-02
1753	PROPERTY		374156.8	3762136	NonCancerAcute	9.98E-03	1.16E-02	5.82E-02	0.00E+00	1.57E-08	3.10E-02	2.72E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	1.94E-02	0.00E+00	0.00E+00	5.82E-02
1754	PROPERTY		374156.8	3762236	NonCancerAcute	1.16E-02	1.35E-02	6.77E-02	0.00E+00	1.87E-08	3.70E-02	3.28E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	2.35E-02	0.00E+00	0.00E+00	6.77E-02
1755	PROPERTY		374070.2	3762223	NonCancerAcute	1.21E-02	1.39E-02	7.03E-02	0.00E+00	1.96E-08	3.69E-02	3.30E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	7.03E-02
1756	PROPERTY		373982.1	3762247	NonCancerAcute	1.23E-02	1.40E-02	7.15E-02	0.00E+00	2.02E-08	3.72E-02	3.34E-02	0.00E+00	4.93E-02	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	7.15E-02
1757	PROPERTY		373919.4	3762187	NonCancerAcute	1.05E-02	1.18E-02	6.11E-02	0.00E+00	1.59E-08	3.07E-02	2.59E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	6.11E-02
1758	PROPERTY		373887.7	3762093	NonCancerAcute	9.70E-03	1.08E-02	5.60E-02	0.00E+00	1.59E-08	2.73E-02	2.47E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	5.60E-02
1759	PROPERTY		373815.8	3762029	NonCancerAcute	8.95E-03	9.95E-03	5.22E-02	0.00E+00	1.35E-08	2.54E-02	2.11E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.55E-02	0.00E+00	0.00E+00	5.22E-02
1760	PROPERTY		373715.9	3762024	NonCancerAcute	8.48E-03	9.37E-03	4.88E-02	0.00E+00	1.20E-08	2.30E-02	1.88E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	4.88E-02
1761	PROPERTY		373700.9	3761935	NonCancerAcute	7.79E-03	8.58E-03	4.41E-02	0.00E+00	1.09E-08	2.03E-02	1.70E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.41E-02
1762	PROPERTY		373682.9	3761849	NonCancerAcute	7.26E-03	7.96E-03	4.06E-02	0.00E+00	1.01E-08	1.83E-02	1.57E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.06E-02
1763	PROPERTY		373582.9	3761849	NonCancerAcute	6.52E-03	7.16E-03	3.65E-02	0.00E+00	9.16E-09	1.65E-02	1.42E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	9.34E-03	0.00E+00	0.00E+00	3.65E-02
1764	PROPERTY		373543.8	3761893	NonCancerAcute	6.84E-03	7.50E-03	3.84E-02	0.00E+00	9.18E-09	1.73E-02	1.43E-02	0.00E+00	2.03E-02	0.00E+00	0.00E+00	9.81E-03	0.00E+00	0.00E+00	3.84E-02
1765	PROPERTY		373575.2	3761988	NonCancerAcute	7.75E-03	8.54E-03	4.41E-02	0.00E+00	1.09E-08	2.05E-02	1.70E-02	0.00E+00	2.41E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.41E-02
1766	PROPERTY		373595	3762086	NonCancerAcute	8.62E-03	9.49E-03	5.04E-02	0.00E+00	1.26E-08	2.41E-02	1.94E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.04E-02
1767	PROPERTY		373605.1	3762185	NonCancerAcute	9.81E-03	1.08E-02	6.31E-02	0.00E+00	1.48E-08	3.32E-02	2.27E-02	0.00E+00	3.17E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	6.31E-02
1768	PROPERTY		373606.5	3762285	NonCancerAcute	1.03E-02	1.14E-02	7.11E-02	0.00E+00	1.52E-08	3.97E-02	2.36E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	2.83E-02	0.00E+00	0.00E+00	7.11E-02
1769	PROPERTY		373595.3	3762384	NonCancerAcute	1.15E-02	1.27E-02	6.75E-02	0.00E+00	1.66E-08	3.25E-02	2.58E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.98E-02	0.00E+00	0.00E+00	6.75E-02
1770	PROPERTY		373583.5	3762484	NonCancerAcute	1.26E-02	1.40E-02	7.25E-02	0.00E+00	1.77E-08	3.44E-02	2.80E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	7.25E-02
1771	PROPERTY		373571.6	3762583	NonCancerAcute	1.44E-02	1.60E-02	8.24E-02	0.00E+00	1.95E-08	3.87E-02	3.12E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	8.24E-02
1772	PROPERTY		373559.7	3762682	NonCancerAcute	1.67E-02	1.84E-02	9.51E-02	0.00E+00	2.20E-08	4.38E-02	3.48E-02	0.00E+00	4.98E-02	0.00E+00	0.00E+00	2.54E-02	0.00E+00	0.00E+00	9.51E-02
1773	PROPERTY		373547.8	3762782	NonCancerAcute	1.89E-02	2.08E-02	1.10E-01	0.00E+00	2.62E-08	5.14E-02	4.06E-02	0.00E+00	5.74E-02	0.00E+00	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.10E-01
1774	PROPERTY		373475.8	3762792	NonCancerAcute	1.97E-02	2.16E-02	1.12E-01	0.00E+00	3.05E-08	5.09E-02	4.56E-02	0.00E+00	6.27E-02	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	1.12E-01
1775	PROPERTY		373378.9	3762767	NonCancerAcute	1.90E-02	2.08E-02	1.07E-01	0.00E+00	3.35E-08	4.77E-02	4.87E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.07E-01
1776	PROPERTY		373281.1	3762746	NonCancerAcute	1.80E-02	1.97E-02	9.94E-02	0.00E+00	3.01E-08	4.38E-02	4.42E-02	0.00E+00	5.99E-02	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	9.94E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1777	PROPERTY		373182.6	3762730	NonCancerAcute	1.78E-02	1.93E-02	9.73E-02	0.00E+00	2.86E-08	4.17E-02	4.16E-02	0.00E+00	5.60E-02	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	9.73E-02
1778	PROPERTY		373082.8	3762735	NonCancerAcute	1.73E-02	1.87E-02	9.41E-02	0.00E+00	2.78E-08	3.94E-02	3.99E-02	0.00E+00	5.30E-02	0.00E+00	0.00E+00	2.07E-02	0.00E+00	0.00E+00	9.41E-02
1779	PROPERTY		372983.3	3762744	NonCancerAcute	1.58E-02	1.71E-02	8.57E-02	0.00E+00	2.76E-08	3.52E-02	3.87E-02	0.00E+00	5.04E-02	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	8.57E-02
1780	PROPERTY		372922.5	3762766	NonCancerAcute	1.45E-02	1.55E-02	7.69E-02	0.00E+00	2.02E-08	3.04E-02	2.91E-02	0.00E+00	3.88E-02	0.00E+00	0.00E+00	1.49E-02	0.00E+00	0.00E+00	7.69E-02
1781	PROPERTY		372998.6	3762831	NonCancerAcute	1.65E-02	1.78E-02	8.89E-02	0.00E+00	2.89E-08	3.63E-02	4.04E-02	0.00E+00	5.24E-02	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	8.89E-02
1782	PROPERTY		373074.6	3762896	NonCancerAcute	1.98E-02	2.13E-02	1.06E-01	0.00E+00	3.31E-08	4.31E-02	4.66E-02	0.00E+00	6.09E-02	0.00E+00	0.00E+00	2.18E-02	0.00E+00	0.00E+00	1.06E-01
1783	PROPERTY		373050.9	3762933	NonCancerAcute	2.07E-02	2.23E-02	1.11E-01	0.00E+00	3.45E-08	4.45E-02	4.85E-02	0.00E+00	6.33E-02	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.11E-01
1784	PROPERTY		372952.4	3762950	NonCancerAcute	2.11E-02	2.26E-02	1.13E-01	0.00E+00	3.08E-08	4.45E-02	4.40E-02	0.00E+00	5.81E-02	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	1.13E-01
1785	PROPERTY		372853.8	3762967	NonCancerAcute	2.15E-02	2.29E-02	1.14E-01	0.00E+00	2.80E-08	4.40E-02	4.04E-02	0.00E+00	5.37E-02	0.00E+00	0.00E+00	2.11E-02	0.00E+00	0.00E+00	1.14E-01
1786	PROPERTY		372817.6	3763003	NonCancerAcute	2.20E-02	2.35E-02	1.16E-01	0.00E+00	2.73E-08	4.40E-02	3.96E-02	0.00E+00	5.29E-02	0.00E+00	0.00E+00	2.06E-02	0.00E+00	0.00E+00	1.16E-01
1787	PROPERTY		372855.3	3763071	NonCancerAcute	2.59E-02	2.76E-02	1.35E-01	0.00E+00	2.96E-08	5.05E-02	4.35E-02	0.00E+00	5.86E-02	0.00E+00	0.00E+00	2.30E-02	0.00E+00	0.00E+00	1.35E-01
1788	PROPERTY		372791.7	3763148	NonCancerAcute	2.68E-02	2.85E-02	1.40E-01	0.00E+00	2.88E-08	5.17E-02	4.27E-02	0.00E+00	5.78E-02	0.00E+00	0.00E+00	2.33E-02	0.00E+00	0.00E+00	1.40E-01
1789	PROPERTY		372728.1	3763226	NonCancerAcute	2.83E-02	3.00E-02	1.47E-01	0.00E+00	2.71E-08	5.36E-02	4.08E-02	0.00E+00	5.59E-02	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	1.47E-01
1790	PROPERTY		372658.3	3763242	NonCancerAcute	2.45E-02	2.61E-02	1.29E-01	0.00E+00	2.51E-08	4.82E-02	3.79E-02	0.00E+00	5.19E-02	0.00E+00	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.29E-01
1791	PROPERTY		372579.3	3763181	NonCancerAcute	2.04E-02	2.18E-02	1.07E-01	0.00E+00	2.27E-08	4.06E-02	3.38E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	1.07E-01
1792	PROPERTY		372500.1	3763120	NonCancerAcute	1.57E-02	1.68E-02	8.26E-02	0.00E+00	2.13E-08	3.14E-02	3.06E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	8.26E-02
1793	PROPERTY		372548.6	3763057	NonCancerAcute	1.49E-02	1.59E-02	7.82E-02	0.00E+00	1.71E-08	2.94E-02	2.53E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.35E-02	0.00E+00	0.00E+00	7.82E-02
1794	PROPERTY		372573.5	3763016	NonCancerAcute	1.46E-02	1.56E-02	7.68E-02	0.00E+00	1.78E-08	2.92E-02	2.60E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.37E-02	0.00E+00	0.00E+00	7.68E-02
1795	PROPERTY		372475.1	3763034	NonCancerAcute	1.34E-02	1.42E-02	7.01E-02	0.00E+00	1.56E-08	2.66E-02	2.30E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	7.01E-02
1796	PROPERTY		372376.6	3763051	NonCancerAcute	1.31E-02	1.40E-02	6.93E-02	0.00E+00	1.93E-08	2.72E-02	2.75E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	6.93E-02
1797	PROPERTY		372278.1	3763069	NonCancerAcute	1.10E-02	1.18E-02	5.83E-02	0.00E+00	1.55E-08	2.28E-02	2.24E-02	0.00E+00	2.98E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.83E-02
1798	PROPERTY		372179.7	3763086	NonCancerAcute	8.59E-03	9.23E-03	4.56E-02	0.00E+00	9.58E-09	1.80E-02	1.47E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	4.56E-02
1799	PROPERTY		372156.1	3763161	NonCancerAcute	8.92E-03	9.57E-03	4.71E-02	0.00E+00	9.30E-09	1.84E-02	1.45E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	8.82E-03	0.00E+00	0.00E+00	4.71E-02
1800	PROPERTY		372157	3763261	NonCancerAcute	1.06E-02	1.13E-02	5.56E-02	0.00E+00	1.20E-08	2.16E-02	1.82E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	5.56E-02
1801	PROPERTY		372151.8	3763361	NonCancerAcute	1.02E-02	1.10E-02	5.41E-02	0.00E+00	1.05E-08	2.12E-02	1.64E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.41E-02
1802	PROPERTY		372145.4	3763461	NonCancerAcute	9.50E-03	1.02E-02	5.05E-02	0.00E+00	9.43E-09	2.01E-02	1.51E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+00	9.90E-03	0.00E+00	0.00E+00	5.05E-02
1803	PROPERTY		372139	3763561	NonCancerAcute	9.76E-03	1.05E-02	5.17E-02	0.00E+00	9.25E-09	2.06E-02	1.52E-02	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.17E-02
1804	PROPERTY		372132.6	3763661	NonCancerAcute	9.90E-03	1.07E-02	5.25E-02	0.00E+00	9.34E-09	2.13E-02	1.56E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	5.25E-02
1805	PROPERTY		372108.8	3763756	NonCancerAcute	9.80E-03	1.06E-02	5.23E-02	0.00E+00	9.09E-09	2.15E-02	1.54E-02	0.00E+00	2.28E-02	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	5.23E-02
1806	PROPERTY		372040.7	3763829	NonCancerAcute	8.98E-03	9.76E-03	4.81E-02	0.00E+00	8.42E-09	1.99E-02	1.42E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	4.81E-02
1807	PROPERTY		371970.3	3763900	NonCancerAcute	8.21E-03	8.91E-03	4.39E-02	0.00E+00	7.63E-09	1.81E-02	1.29E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	4.39E-02
1808	PROPERTY		371894.1	3763964	NonCancerAcute	7.53E-03	8.17E-03	4.03E-02	0.00E+00	7.21E-09	1.66E-02	1.21E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	4.03E-02
1809	PROPERTY		371869.3	3764039	NonCancerAcute	7.33E-03	7.97E-03	3.93E-02	0.00E+00	6.86E-09	1.62E-02	1.16E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	8.26E-03	0.00E+00	0.00E+00	3.93E-02
1810	PROPERTY		371911.6	3764129	NonCancerAcute	7.98E-03	8.67E-03	4.26E-02	0.00E+00	6.77E-09	1.76E-02	1.19E-02	0.00E+00	1.80E-02	0.00E+00	0.00E+00	8.94E-03	0.00E+00	0.00E+00	4.26E-02
1811	PROPERTY		371964.4	3764214	NonCancerAcute	8.53E-03	9.35E-03	4.57E-02	0.00E+00	6.91E-09	1.94E-02	1.28E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	4.57E-02
1812	PROPERTY		371963.3	3764286	NonCancerAcute	8.85E-03	9.76E-03	4.76E-02	0.00E+00	6.79E-09	2.07E-02	1.32E-02	0.00E+00	2.13E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	4.76E-02
1813	PROPERTY		371878.8	3764340	NonCancerAcute	7.39E-03	8.07E-03	3.95E-02	0.00E+00	6.25E-09	1.65E-02	1.12E-02	0.00E+00	1.72E-02	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	3.95E-02
1814	PROPERTY		371794.2	3764393	NonCancerAcute	6.47E-03	7.01E-03	3.44E-02	0.00E+00	5.80E-09	1.39E-02	9.84E-03	0.00E+00	1.46E-02	0.00E+00	0.00E+00	6.94E-03	0.00E+00	0.00E+00	3.44E-02
1815	PROPERTY		371830.2	3764481	NonCancerAcute	6.48E-03	7.06E-03	3.45E-02	0.00E+00	5.83E-09	1.42E-02	1.01E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	7.18E-03	0.00E+00	0.00E+00	3.45E-02
1816	PROPERTY		371877.7	3764518	NonCancerAcute	7.30E-03	8.10E-03	3.93E-02	0.00E+00	5.86E-09	1.74E-02	1.14E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	9.26E-03	0.00E+00	0.00E+00	3.93E-02
1817	PROPERTY		371958	3764459	NonCancerAcute	7.71E-03	8.42E-03	4.12E-02	0.00E+00	6.32E-09	1.72E-02	1.14E-02	0.00E+00	1.77E-02	0.00E+00	0.00E+00	8.81E-03	0.00E+00	0.00E+00	4.12E-02
1818	PROPERTY		372038.3	3764399	NonCancerAcute	9.36E-03	1.03E-02	5.03E-02	0.00E+00	7.05E-09	2.20E-02	1.39E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.03E-02
1819	PROPERTY		372100.6	3764433	NonCancerAcute	1.04E-02	1.15E-02	5.59E-02	0.00E+00	7.82E-09	2.39E-02	1.51E-02	0.00E+00	2.42E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	5.59E-02
1820	PROPERTY		372151.4	3764519	NonCancerAcute	1.11E-02	1.22E-02	5.99E-02	0.00E+00	1.03E-08	2.56E-02	1.82E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.34E-02	0.00E+00	0.00E+00	5.99E-02
1821	PROPERTY		372202.2	3764605	NonCancerAcute	9.40E-03	1.02E-02	5.01E-02	0.00E+00	7.78E-09	2.06E-02	1.37E-02	0.00E+00	2.09E-02	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	5.01E-02
1822	PROPERTY		372253	3764691	NonCancerAcute	9.53E-03	1.03E-02	5.07E-02	0.00E+00	8.61E-09	2.05E-02	1.45E-02	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	5.07E-02
1823	PROPERTY		372304.8	3764776	NonCancerAcute	1.09E-02	1.17E-02	5.80E-02	0.00E+00	1.26E-08	2.33E-02	1.93E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	5.80E-02
1824	PROPERTY		372389.4	3764723	NonCancerAcute	1.13E-02	1.22E-02	6.03E-02	0.00E+00	1.33E-08	2.46E-02	2.06E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	6.03E-02

HARP2 Acute Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1825	PROPERTY		372474.1	3764669	NonCancerAcute	1.35E-02	1.45E-02	7.18E-02	0.00E+00	1.36E-08	2.88E-02	2.18E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	7.18E-02
1826	PROPERTY		372554.7	3764612	NonCancerAcute	1.28E-02	1.38E-02	6.79E-02	0.00E+00	1.42E-08	2.70E-02	2.21E-02	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	6.79E-02
1827	PROPERTY		372601.3	3764537	NonCancerAcute	1.61E-02	1.74E-02	8.59E-02	0.00E+00	1.60E-08	3.47E-02	2.58E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	8.59E-02
1828	PROPERTY		372701.3	3764539	NonCancerAcute	1.43E-02	1.55E-02	7.60E-02	0.00E+00	1.67E-08	3.06E-02	2.58E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.51E-02	0.00E+00	0.00E+00	7.60E-02
1829	PROPERTY		372785.6	3764525	NonCancerAcute	1.24E-02	1.34E-02	6.55E-02	0.00E+00	1.25E-08	2.60E-02	2.00E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	6.55E-02
1830	PROPERTY		372873.1	3764506	NonCancerAcute	1.23E-02	1.33E-02	6.49E-02	0.00E+00	1.22E-08	2.56E-02	1.96E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	6.49E-02
1831	PROPERTY		372931.9	3764576	NonCancerAcute	1.05E-02	1.13E-02	5.53E-02	0.00E+00	1.09E-08	2.19E-02	1.73E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	5.53E-02
1832	PROPERTY		373005.9	3764621	NonCancerAcute	9.19E-03	9.90E-03	4.88E-02	0.00E+00	1.06E-08	1.95E-02	1.64E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	4.88E-02
1833	PROPERTY		373098.3	3764632	NonCancerAcute	8.85E-03	9.54E-03	4.70E-02	0.00E+00	1.08E-08	1.87E-02	1.64E-02	0.00E+00	2.26E-02	0.00E+00	0.00E+00	9.16E-03	0.00E+00	0.00E+00	4.70E-02
1834	PROPERTY		373109.8	3764534	NonCancerAcute	9.48E-03	1.02E-02	5.05E-02	0.00E+00	1.19E-08	2.03E-02	1.80E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	5.05E-02
1835	PROPERTY		373153.9	3764473	NonCancerAcute	1.07E-02	1.15E-02	5.67E-02	0.00E+00	1.32E-08	2.25E-02	1.99E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	5.67E-02
1836	PROPERTY		373219	3764414	NonCancerAcute	1.12E-02	1.21E-02	5.95E-02	0.00E+00	1.49E-08	2.38E-02	2.22E-02	0.00E+00	3.01E-02	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	5.95E-02
1837	PROPERTY		373233	3764333	NonCancerAcute	1.20E-02	1.29E-02	6.38E-02	0.00E+00	1.61E-08	2.57E-02	2.40E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	6.38E-02
1838	PROPERTY		373308	3764271	NonCancerAcute	1.19E-02	1.29E-02	6.40E-02	0.00E+00	1.74E-08	2.61E-02	2.55E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	6.40E-02
1839	PROPERTY		373336.6	3764176	NonCancerAcute	1.41E-02	1.52E-02	7.55E-02	0.00E+00	2.20E-08	3.09E-02	3.18E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	7.55E-02
1840	PROPERTY		373362.5	3764079	NonCancerAcute	1.62E-02	1.76E-02	8.73E-02	0.00E+00	2.70E-08	3.58E-02	3.85E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	1.83E-02	0.00E+00	0.00E+00	8.73E-02
1841	PROPERTY		373388.3	3763983	NonCancerAcute	1.87E-02	2.01E-02	1.00E-01	0.00E+00	3.27E-08	4.09E-02	4.58E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	1.00E-01
1842	PROPERTY		373423.4	3763890	NonCancerAcute	2.02E-02	2.18E-02	1.10E-01	0.00E+00	3.79E-08	4.55E-02	5.24E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	2.37E-02	0.00E+00	0.00E+00	1.10E-01
1843	PROPERTY		373475.6	3763805	NonCancerAcute	2.27E-02	2.45E-02	1.25E-01	0.00E+00	4.44E-08	5.22E-02	6.06E-02	0.00E+00	7.70E-02	0.00E+00	0.00E+00	2.78E-02	0.00E+00	0.00E+00	1.25E-01
1844	PROPERTY		373493.2	3763713	NonCancerAcute	2.78E-02	2.97E-02	1.55E-01	0.00E+00	6.06E-08	6.41E-02	7.99E-02	0.00E+00	9.81E-02	0.00E+00	0.00E+00	3.45E-02	0.00E+00	0.00E+00	1.55E-01
1845	PROPERTY		373561.3	3763643	NonCancerAcute	2.83E-02	3.02E-02	1.58E-01	0.00E+00	7.13E-08	6.52E-02	9.13E-02	0.00E+00	1.09E-01	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.58E-01
1846	PROPERTY		373661.1	3763637	NonCancerAcute	2.37E-02	2.56E-02	1.38E-01	0.00E+00	4.03E-07	6.13E-02	4.66E-01	0.00E+00	4.96E-01	0.00E+00	0.00E+00	3.58E-02	0.00E+00	0.00E+00	4.96E-01
1847	PROPERTY		373743	3763650	NonCancerAcute	2.23E-02	2.41E-02	1.28E-01	0.00E+00	4.47E-07	5.57E-02	5.14E-01	0.00E+00	5.46E-01	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	5.46E-01
1848	PROPERTY		373805.6	3763685	NonCancerAcute	1.98E-02	2.14E-02	1.12E-01	0.00E+00	2.54E-07	4.92E-02	2.97E-01	0.00E+00	3.20E-01	0.00E+00	0.00E+00	2.79E-02	0.00E+00	0.00E+00	3.20E-01

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	CARTGRID	1	371500	3761400	NonCancerChronicDerived_Inh	1.24E-05	1.56E-04	1.91E-06	1.49E-05	1.33E-07	1.25E-05	5.59E-04	1.24E-05	3.84E-06	0.00E+00	1.32E-07	5.28E-04	0.00E+00	0.00E+00	5.59E-04
2	CARTGRID	1	371600	3761400	NonCancerChronicDerived_Inh	1.26E-05	1.59E-04	1.95E-06	1.51E-05	1.36E-07	1.27E-05	5.69E-04	1.26E-05	3.95E-06	0.00E+00	1.35E-07	5.44E-04	0.00E+00	0.00E+00	5.69E-04
3	CARTGRID	1	371700	3761400	NonCancerChronicDerived_Inh	1.26E-05	1.59E-04	1.95E-06	1.52E-05	1.37E-07	1.27E-05	5.70E-04	1.26E-05	4.00E-06	0.00E+00	1.36E-07	5.51E-04	0.00E+00	0.00E+00	5.70E-04
4	CARTGRID	1	371800	3761400	NonCancerChronicDerived_Inh	1.26E-05	1.60E-04	1.96E-06	1.52E-05	1.39E-07	1.28E-05	5.72E-04	1.26E-05	4.08E-06	0.00E+00	1.39E-07	5.63E-04	0.00E+00	0.00E+00	5.72E-04
5	CARTGRID	1	371900	3761400	NonCancerChronicDerived_Inh	1.27E-05	1.60E-04	1.96E-06	1.53E-05	1.42E-07	1.28E-05	5.74E-04	1.27E-05	4.19E-06	0.00E+00	1.41E-07	5.79E-04	0.00E+00	0.00E+00	5.79E-04
6	CARTGRID	1	372000	3761400	NonCancerChronicDerived_Inh	1.26E-05	1.60E-04	1.95E-06	1.52E-05	1.44E-07	1.28E-05	5.71E-04	1.26E-05	4.27E-06	0.00E+00	1.43E-07	5.89E-04	0.00E+00	0.00E+00	5.89E-04
7	CARTGRID	1	372100	3761400	NonCancerChronicDerived_Inh	1.24E-05	1.57E-04	1.93E-06	1.50E-05	1.44E-07	1.26E-05	5.64E-04	1.24E-05	4.31E-06	0.00E+00	1.43E-07	5.94E-04	0.00E+00	0.00E+00	5.94E-04
8	CARTGRID	1	372200	3761400	NonCancerChronicDerived_Inh	1.22E-05	1.54E-04	1.89E-06	1.47E-05	1.42E-07	1.23E-05	5.53E-04	1.22E-05	4.30E-06	0.00E+00	1.42E-07	5.94E-04	0.00E+00	0.00E+00	5.94E-04
9	CARTGRID	1	372300	3761400	NonCancerChronicDerived_Inh	1.22E-05	1.55E-04	1.89E-06	1.47E-05	1.46E-07	1.24E-05	5.54E-04	1.22E-05	4.45E-06	0.00E+00	1.45E-07	6.13E-04	0.00E+00	0.00E+00	6.13E-04
10	CARTGRID	1	372400	3761400	NonCancerChronicDerived_Inh	1.20E-05	1.51E-04	1.85E-06	1.44E-05	1.45E-07	1.21E-05	5.43E-04	1.20E-05	4.45E-06	0.00E+00	1.44E-07	6.13E-04	0.00E+00	0.00E+00	6.13E-04
11	CARTGRID	1	372500	3761400	NonCancerChronicDerived_Inh	1.17E-05	1.49E-04	1.82E-06	1.41E-05	1.44E-07	1.19E-05	5.33E-04	1.17E-05	4.48E-06	0.00E+00	1.44E-07	6.16E-04	0.00E+00	0.00E+00	6.16E-04
12	CARTGRID	1	372600	3761400	NonCancerChronicDerived_Inh	1.15E-05	1.46E-04	1.78E-06	1.39E-05	1.44E-07	1.17E-05	5.23E-04	1.15E-05	4.51E-06	0.00E+00	1.44E-07	6.19E-04	0.00E+00	0.00E+00	6.19E-04
13	CARTGRID	1	372700	3761400	NonCancerChronicDerived_Inh	1.13E-05	1.43E-04	1.75E-06	1.36E-05	1.45E-07	1.14E-05	5.12E-04	1.13E-05	4.54E-06	0.00E+00	1.44E-07	6.20E-04	0.00E+00	0.00E+00	6.20E-04
14	CARTGRID	1	372800	3761400	NonCancerChronicDerived_Inh	1.10E-05	1.40E-04	1.71E-06	1.33E-05	1.45E-07	1.12E-05	5.01E-04	1.10E-05	4.55E-06	0.00E+00	1.44E-07	6.19E-04	0.00E+00	0.00E+00	6.19E-04
15	CARTGRID	1	372900	3761400	NonCancerChronicDerived_Inh	1.08E-05	1.36E-04	1.67E-06	1.30E-05	1.45E-07	1.09E-05	4.90E-04	1.08E-05	4.58E-06	0.00E+00	1.45E-07	6.20E-04	0.00E+00	0.00E+00	6.20E-04
16	CARTGRID	1	373000	3761400	NonCancerChronicDerived_Inh	1.05E-05	1.33E-04	1.63E-06	1.27E-05	1.47E-07	1.07E-05	4.78E-04	1.05E-05	4.63E-06	0.00E+00	1.46E-07	6.22E-04	0.00E+00	0.00E+00	6.22E-04
17	CARTGRID	1	373100	3761400	NonCancerChronicDerived_Inh	1.02E-05	1.30E-04	1.59E-06	1.24E-05	1.49E-07	1.04E-05	4.68E-04	1.02E-05	4.70E-06	0.00E+00	1.49E-07	6.26E-04	0.00E+00	0.00E+00	6.26E-04
18	CARTGRID	1	373200	3761400	NonCancerChronicDerived_Inh	1.00E-05	1.27E-04	1.55E-06	1.21E-05	1.51E-07	1.02E-05	4.57E-04	1.00E-05	4.73E-06	0.00E+00	1.50E-07	6.26E-04	0.00E+00	0.00E+00	6.26E-04
19	CARTGRID	1	373300	3761400	NonCancerChronicDerived_Inh	9.73E-06	1.24E-04	1.51E-06	1.18E-05	1.50E-07	9.88E-06	4.45E-04	9.73E-06	4.69E-06	0.00E+00	1.50E-07	6.15E-04	0.00E+00	0.00E+00	6.15E-04
20	CARTGRID	1	373400	3761400	NonCancerChronicDerived_Inh	9.55E-06	1.21E-04	1.48E-06	1.16E-05	1.50E-07	9.71E-06	4.37E-04	9.55E-06	4.64E-06	0.00E+00	1.49E-07	6.05E-04	0.00E+00	0.00E+00	6.05E-04
21	CARTGRID	1	373500	3761400	NonCancerChronicDerived_Inh	9.55E-06	1.21E-04	1.48E-06	1.16E-05	1.51E-07	9.70E-06	4.37E-04	9.55E-06	4.66E-06	0.00E+00	1.51E-07	6.04E-04	0.00E+00	0.00E+00	6.04E-04
22	CARTGRID	1	373600	3761400	NonCancerChronicDerived_Inh	9.51E-06	1.21E-04	1.47E-06	1.15E-05	1.49E-07	9.66E-06	4.35E-04	9.51E-06	4.56E-06	0.00E+00	1.48E-07	5.92E-04	0.00E+00	0.00E+00	5.92E-04
23	CARTGRID	1	373700	3761400	NonCancerChronicDerived_Inh	9.55E-06	1.21E-04	1.48E-06	1.15E-05	1.45E-07	9.70E-06	4.36E-04	9.55E-06	4.43E-06	0.00E+00	1.44E-07	5.75E-04	0.00E+00	0.00E+00	5.75E-04
24	CARTGRID	1	373800	3761400	NonCancerChronicDerived_Inh	9.77E-06	1.24E-04	1.52E-06	1.18E-05	1.42E-07	9.92E-06	4.45E-04	9.77E-06	4.33E-06	0.00E+00	1.41E-07	5.65E-04	0.00E+00	0.00E+00	5.65E-04
25	CARTGRID	1	373900	3761400	NonCancerChronicDerived_Inh	9.86E-06	1.25E-04	1.53E-06	1.19E-05	1.33E-07	1.00E-05	4.48E-04	9.86E-06	4.07E-06	0.00E+00	1.33E-07	5.37E-04	0.00E+00	0.00E+00	5.37E-04
26	CARTGRID	1	374000	3761400	NonCancerChronicDerived_Inh	9.86E-06	1.25E-04	1.53E-06	1.19E-05	1.23E-07	9.99E-06	4.47E-04	9.86E-06	3.74E-06	0.00E+00	1.22E-07	5.00E-04	0.00E+00	0.00E+00	5.00E-04
27	CARTGRID	1	374100	3761400	NonCancerChronicDerived_Inh	9.86E-06	1.25E-04	1.53E-06	1.19E-05	1.12E-07	9.97E-06	4.45E-04	9.85E-06	3.41E-06	0.00E+00	1.12E-07	4.62E-04	0.00E+00	0.00E+00	4.62E-04
28	CARTGRID	1	374200	3761400	NonCancerChronicDerived_Inh	9.66E-06	1.22E-04	1.50E-06	1.16E-05	1.00E-07	9.77E-06	4.35E-04	9.66E-06	3.04E-06	0.00E+00	9.99E-08	4.18E-04	0.00E+00	0.00E+00	4.35E-04
29	CARTGRID	1	374300	3761400	NonCancerChronicDerived_Inh	9.34E-06	1.18E-04	1.45E-06	1.12E-05	9.02E-08	9.43E-06	4.20E-04	9.34E-06	2.72E-06	0.00E+00	8.97E-08	3.79E-04	0.00E+00	0.00E+00	4.20E-04
30	CARTGRID	1	374400	3761400	NonCancerChronicDerived_Inh	8.59E-06	1.09E-04	1.33E-06	1.03E-05	7.83E-08	8.67E-06	3.85E-04	8.59E-06	2.35E-06	0.00E+00	7.78E-08	3.30E-04	0.00E+00	0.00E+00	3.85E-04
31	CARTGRID	1	374500	3761400	NonCancerChronicDerived_Inh	8.49E-06	1.07E-04	1.32E-06	1.02E-05	7.47E-08	8.57E-06	3.81E-04	8.49E-06	2.24E-06	0.00E+00	7.42E-08	3.17E-04	0.00E+00	0.00E+00	3.81E-04
32	CARTGRID	1	374600	3761400	NonCancerChronicDerived_Inh	8.14E-06	1.03E-04	1.26E-06	9.79E-06	7.03E-08	8.21E-06	3.65E-04	8.14E-06	2.10E-06	0.00E+00	6.98E-08	2.98E-04	0.00E+00	0.00E+00	3.65E-04
33	CARTGRID	1	374700	3761400	NonCancerChronicDerived_Inh	8.02E-06	1.01E-04	1.24E-06	9.64E-06	6.88E-08	8.09E-06	3.59E-04	8.02E-06	2.05E-06	0.00E+00	6.84E-08	2.88E-04	0.00E+00	0.00E+00	3.59E-04
34	CARTGRID	1	374800	3761400	NonCancerChronicDerived_Inh	7.51E-06	9.49E-05	1.16E-06	9.03E-06	6.44E-08	7.58E-06	3.37E-04	7.51E-06	1.89E-06	0.00E+00	6.40E-08	2.65E-04	0.00E+00	0.00E+00	3.37E-04
35	CARTGRID	1	374900	3761400	NonCancerChronicDerived_Inh	6.94E-06	8.76E-05	1.08E-06	8.34E-06	5.97E-08	7.00E-06	3.11E-04	6.94E-06	1.75E-06	0.00E+00	5.93E-08	2.45E-04	0.00E+00	0.00E+00	3.11E-04
36	CARTGRID	1	375000	3761400	NonCancerChronicDerived_Inh	6.44E-06	8.14E-05	9.99E-07	7.74E-06	5.52E-08	6.50E-06	2.89E-04	6.44E-06	1.62E-06	0.00E+00	5.48E-08	2.27E-04	0.00E+00	0.00E+00	2.89E-04
37	CARTGRID	1	371500	3761500	NonCancerChronicDerived_Inh	1.28E-05	1.61E-04	1.98E-06	1.54E-05	1.35E-07	1.29E-05	5.77E-04	1.28E-05	3.90E-06	0.00E+00	1.35E-07	5.37E-04	0.00E+00	0.00E+00	5.77E-04
38	CARTGRID	1	371600	3761500	NonCancerChronicDerived_Inh	1.31E-05	1.66E-04	2.03E-06	1.58E-05	1.40E-07	1.32E-05	5.92E-04	1.31E-05	4.06E-06	0.00E+00	1.39E-07	5.59E-04	0.00E+00	0.00E+00	5.92E-04
39	CARTGRID	1	371700	3761500	NonCancerChronicDerived_Inh	1.35E-05	1.70E-04	2.09E-06	1.62E-05	1.46E-07	1.36E-05	6.09E-04	1.35E-05	4.26E-06	0.00E+00	1.45E-07	5.87E-04	0.00E+00	0.00E+00	6.09E-04
40	CARTGRID	1	371800	3761500	NonCancerChronicDerived_Inh	1.35E-05	1.71E-04	2.09E-06	1.63E-05	1.47E-07	1.36E-05	6.11E-04	1.35E-05	4.32E-06	0.00E+00	1.47E-07	5.96E-04	0.00E+00	0.00E+00	6.11E-04
41	CARTGRID	1	371900	3761500	NonCancerChronicDerived_Inh	1.35E-05	1.71E-04	2.09E-06	1.63E-05	1.49E-07	1.37E-05	6.11E-04	1.35E-05	4.41E-06	0.00E+00	1.49E-07	6.08E-04	0.00E+00	0.00E+00	6.11E-04
42	CARTGRID	1	372000	3761500	NonCancerChronicDerived_Inh	1.35E-05	1.70E-04	2.09E-06	1.62E-05	1.51E-07	1.36E-05	6.10E-04	1.35E-05	4.50E-06	0.00E+00	1.51E-07	6.21E-04	0.00E+00	0.00E+00	6.21E-04
43	CARTGRID	1	372100	3761500	NonCancerChronicDerived_Inh	1.35E-05	1.70E-04	2.08E-06	1.62E-05	1.54E-07	1.36E-05	6.10E-04	1.35E-05	4.62E-06	0.00E+00	1.53E-07	6.37E-04	0.00E+00	0.00E+00	6.37E-04
44	CARTGRID	1	372200	3761500	NonCancerChronicDerived_Inh	1.33E-05	1.68E-04	2.06E-06	1.60E-05	1.54E-07	1.34E-05	6.01E-04	1.33E-05	4.65E-06	0.00E+00	1.53E-07	6.42E-04	0.00E+00	0.00E+00	6.42E-04
45	CARTGRID	1	372300	3761500	NonCancerChronicDerived_Inh	1.32E-05	1.67E-04	2.04E-06	1.59E-05	1.55E-07	1.33E-05	5.96E-04	1.32E-05	4.72E-06	0.00E+00	1.54E-07	6.52E-04	0.00E+00	0.00E+00	6.52E-04
46	CARTGRID	1	372400	3761500	NonCancerChronicDerived_Inh	1.30E-05	1.65E-04	2.02E-06	1.57E-05	1.56E-07	1.32E-05	5.92E-04	1.30E-05	4.81E-06	0.00E+00	1.55E-07	6.64E-04	0.00E+00	0.00E+00	6.64E-04
47	CARTGRID	1	372500	3761500	NonCancerChronicDerived_Inh	1.29E-05	1.63E-04	1.99E-06	1.55E-05	1.56E-07	1.30E-05	5.83E-04	1.29E-05	4.85E-06	0.00E+00	1.55E-07	6.69E-04	0.00E+00	0.00E+00	6.69E-04
48	CARTGRID	1	372600	3761500	NonCancerChronicDerived_Inh	1.26E-05	1.60E-04	1.96E-06	1.52E-05	1.56E-07	1.28E-05	5.73E-04	1.26E-05	4.89E-06	0.00E+00	1.55E-07	6.73E-04	0.00E+00	0.00E+00	6.73E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
49	CARTGRID	1	372700	3761500	NonCancerChronicDerived_Inh	1.24E-05	1.57E-04	1.92E-06	1.50E-05	1.56E-07	1.26E-05	5.63E-04	1.24E-05	4.92E-06	0.00E+00	1.55E-07	6.76E-04	0.00E+00	0.00E+00	6.76E-04
50	CARTGRID	1	372800	3761500	NonCancerChronicDerived_Inh	1.22E-05	1.54E-04	1.89E-06	1.47E-05	1.57E-07	1.23E-05	5.53E-04	1.22E-05	4.96E-06	0.00E+00	1.56E-07	6.78E-04	0.00E+00	0.00E+00	6.78E-04
51	CARTGRID	1	372900	3761500	NonCancerChronicDerived_Inh	1.19E-05	1.51E-04	1.85E-06	1.44E-05	1.58E-07	1.21E-05	5.43E-04	1.19E-05	5.01E-06	0.00E+00	1.57E-07	6.82E-04	0.00E+00	0.00E+00	6.82E-04
52	CARTGRID	1	373000	3761500	NonCancerChronicDerived_Inh	1.17E-05	1.48E-04	1.81E-06	1.41E-05	1.60E-07	1.18E-05	5.31E-04	1.17E-05	5.09E-06	0.00E+00	1.59E-07	6.88E-04	0.00E+00	0.00E+00	6.88E-04
53	CARTGRID	1	373100	3761500	NonCancerChronicDerived_Inh	1.14E-05	1.45E-04	1.77E-06	1.38E-05	1.63E-07	1.16E-05	5.20E-04	1.14E-05	5.18E-06	0.00E+00	1.63E-07	6.95E-04	0.00E+00	0.00E+00	6.95E-04
54	CARTGRID	1	373200	3761500	NonCancerChronicDerived_Inh	1.11E-05	1.41E-04	1.72E-06	1.34E-05	1.66E-07	1.13E-05	5.08E-04	1.11E-05	5.26E-06	0.00E+00	1.66E-07	6.99E-04	0.00E+00	0.00E+00	6.99E-04
55	CARTGRID	1	373300	3761500	NonCancerChronicDerived_Inh	1.08E-05	1.38E-04	1.68E-06	1.31E-05	1.68E-07	1.10E-05	4.95E-04	1.08E-05	5.29E-06	0.00E+00	1.68E-07	6.96E-04	0.00E+00	0.00E+00	6.96E-04
56	CARTGRID	1	373400	3761500	NonCancerChronicDerived_Inh	1.05E-05	1.34E-04	1.63E-06	1.27E-05	1.68E-07	1.07E-05	4.82E-04	1.05E-05	5.23E-06	0.00E+00	1.67E-07	6.82E-04	0.00E+00	0.00E+00	6.82E-04
57	CARTGRID	1	373500	3761500	NonCancerChronicDerived_Inh	1.06E-05	1.35E-04	1.64E-06	1.28E-05	1.72E-07	1.08E-05	4.85E-04	1.06E-05	5.34E-06	0.00E+00	1.72E-07	6.92E-04	0.00E+00	0.00E+00	6.92E-04
58	CARTGRID	1	373600	3761500	NonCancerChronicDerived_Inh	1.06E-05	1.35E-04	1.64E-06	1.28E-05	1.74E-07	1.08E-05	4.86E-04	1.06E-05	5.36E-06	0.00E+00	1.73E-07	6.91E-04	0.00E+00	0.00E+00	6.91E-04
59	CARTGRID	1	373700	3761500	NonCancerChronicDerived_Inh	1.06E-05	1.35E-04	1.65E-06	1.29E-05	1.73E-07	1.08E-05	4.87E-04	1.06E-05	5.31E-06	0.00E+00	1.72E-07	6.85E-04	0.00E+00	0.00E+00	6.85E-04
60	CARTGRID	1	373800	3761500	NonCancerChronicDerived_Inh	1.07E-05	1.36E-04	1.66E-06	1.30E-05	1.70E-07	1.09E-05	4.91E-04	1.07E-05	5.22E-06	0.00E+00	1.70E-07	6.74E-04	0.00E+00	0.00E+00	6.74E-04
61	CARTGRID	1	373900	3761500	NonCancerChronicDerived_Inh	1.08E-05	1.37E-04	1.68E-06	1.31E-05	1.64E-07	1.10E-05	4.94E-04	1.08E-05	5.03E-06	0.00E+00	1.64E-07	6.54E-04	0.00E+00	0.00E+00	6.54E-04
62	CARTGRID	1	374000	3761500	NonCancerChronicDerived_Inh	1.08E-05	1.37E-04	1.68E-06	1.31E-05	1.53E-07	1.10E-05	4.92E-04	1.08E-05	4.68E-06	0.00E+00	1.53E-07	6.18E-04	0.00E+00	0.00E+00	6.18E-04
63	CARTGRID	1	374100	3761500	NonCancerChronicDerived_Inh	1.07E-05	1.35E-04	1.66E-06	1.29E-05	1.39E-07	1.08E-05	4.85E-04	1.07E-05	4.22E-06	0.00E+00	1.38E-07	5.66E-04	0.00E+00	0.00E+00	5.66E-04
64	CARTGRID	1	374200	3761500	NonCancerChronicDerived_Inh	1.05E-05	1.33E-04	1.62E-06	1.26E-05	1.22E-07	1.06E-05	4.73E-04	1.05E-05	3.69E-06	0.00E+00	1.21E-07	5.03E-04	0.00E+00	0.00E+00	5.03E-04
65	CARTGRID	1	374300	3761500	NonCancerChronicDerived_Inh	1.01E-05	1.27E-04	1.56E-06	1.21E-05	1.06E-07	1.02E-05	4.53E-04	1.01E-05	3.20E-06	0.00E+00	1.05E-07	4.43E-04	0.00E+00	0.00E+00	4.53E-04
66	CARTGRID	1	374400	3761500	NonCancerChronicDerived_Inh	9.16E-06	1.16E-04	1.42E-06	1.10E-05	8.92E-08	9.25E-06	4.11E-04	9.15E-06	2.69E-06	0.00E+00	8.87E-08	3.76E-04	0.00E+00	0.00E+00	4.11E-04
67	CARTGRID	1	374500	3761500	NonCancerChronicDerived_Inh	9.01E-06	1.14E-04	1.40E-06	1.08E-05	8.43E-08	9.10E-06	4.05E-04	9.01E-06	2.54E-06	0.00E+00	8.38E-08	3.57E-04	0.00E+00	0.00E+00	4.05E-04
68	CARTGRID	1	374600	3761500	NonCancerChronicDerived_Inh	8.68E-06	1.10E-04	1.35E-06	1.04E-05	7.97E-08	8.77E-06	3.90E-04	8.68E-06	2.39E-06	0.00E+00	7.92E-08	3.37E-04	0.00E+00	0.00E+00	3.90E-04
69	CARTGRID	1	374700	3761500	NonCancerChronicDerived_Inh	8.44E-06	1.07E-04	1.31E-06	1.02E-05	7.60E-08	8.52E-06	3.79E-04	8.44E-06	2.26E-06	0.00E+00	7.55E-08	3.14E-04	0.00E+00	0.00E+00	3.79E-04
70	CARTGRID	1	374800	3761500	NonCancerChronicDerived_Inh	7.80E-06	9.85E-05	1.21E-06	9.38E-06	6.93E-08	7.87E-06	3.50E-04	7.80E-06	2.04E-06	0.00E+00	6.89E-08	2.83E-04	0.00E+00	0.00E+00	3.50E-04
71	CARTGRID	1	374900	3761500	NonCancerChronicDerived_Inh	7.23E-06	9.13E-05	1.12E-06	8.69E-06	6.36E-08	7.29E-06	3.25E-04	7.23E-06	1.86E-06	0.00E+00	6.32E-08	2.59E-04	0.00E+00	0.00E+00	3.25E-04
72	CARTGRID	1	375000	3761500	NonCancerChronicDerived_Inh	6.70E-06	8.47E-05	1.04E-06	8.06E-06	5.84E-08	6.77E-06	3.01E-04	6.70E-06	1.72E-06	0.00E+00	5.80E-08	2.41E-04	0.00E+00	0.00E+00	3.01E-04
73	CARTGRID	1	371500	3761600	NonCancerChronicDerived_Inh	1.34E-05	1.69E-04	2.07E-06	1.61E-05	1.41E-07	1.35E-05	6.05E-04	1.34E-05	4.07E-06	0.00E+00	1.40E-07	5.59E-04	0.00E+00	0.00E+00	6.05E-04
74	CARTGRID	1	371600	3761600	NonCancerChronicDerived_Inh	1.37E-05	1.73E-04	2.12E-06	1.65E-05	1.45E-07	1.38E-05	6.19E-04	1.37E-05	4.20E-06	0.00E+00	1.44E-07	5.78E-04	0.00E+00	0.00E+00	6.19E-04
75	CARTGRID	1	371700	3761600	NonCancerChronicDerived_Inh	1.41E-05	1.78E-04	2.19E-06	1.70E-05	1.51E-07	1.43E-05	6.38E-04	1.41E-05	4.40E-06	0.00E+00	1.50E-07	6.06E-04	0.00E+00	0.00E+00	6.38E-04
76	CARTGRID	1	371800	3761600	NonCancerChronicDerived_Inh	1.44E-05	1.82E-04	2.24E-06	1.74E-05	1.56E-07	1.46E-05	6.52E-04	1.44E-05	4.59E-06	0.00E+00	1.55E-07	6.33E-04	0.00E+00	0.00E+00	6.52E-04
77	CARTGRID	1	371900	3761600	NonCancerChronicDerived_Inh	1.45E-05	1.84E-04	2.25E-06	1.75E-05	1.60E-07	1.47E-05	6.58E-04	1.45E-05	4.72E-06	0.00E+00	1.59E-07	6.51E-04	0.00E+00	0.00E+00	6.58E-04
78	CARTGRID	1	372000	3761600	NonCancerChronicDerived_Inh	1.45E-05	1.83E-04	2.25E-06	1.75E-05	1.61E-07	1.47E-05	6.56E-04	1.45E-05	4.79E-06	0.00E+00	1.60E-07	6.61E-04	0.00E+00	0.00E+00	6.61E-04
79	CARTGRID	1	372100	3761600	NonCancerChronicDerived_Inh	1.45E-05	1.84E-04	2.25E-06	1.75E-05	1.64E-07	1.47E-05	6.57E-04	1.45E-05	4.92E-06	0.00E+00	1.63E-07	6.79E-04	0.00E+00	0.00E+00	6.79E-04
80	CARTGRID	1	372200	3761600	NonCancerChronicDerived_Inh	1.44E-05	1.83E-04	2.24E-06	1.74E-05	1.66E-07	1.46E-05	6.54E-04	1.44E-05	5.02E-06	0.00E+00	1.65E-07	6.94E-04	0.00E+00	0.00E+00	6.94E-04
81	CARTGRID	1	372300	3761600	NonCancerChronicDerived_Inh	1.42E-05	1.80E-04	2.20E-06	1.71E-05	1.65E-07	1.44E-05	6.43E-04	1.42E-05	5.02E-06	0.00E+00	1.64E-07	6.94E-04	0.00E+00	0.00E+00	6.94E-04
82	CARTGRID	1	372400	3761600	NonCancerChronicDerived_Inh	1.41E-05	1.79E-04	2.19E-06	1.70E-05	1.66E-07	1.43E-05	6.40E-04	1.41E-05	5.13E-06	0.00E+00	1.66E-07	7.10E-04	0.00E+00	0.00E+00	7.10E-04
83	CARTGRID	1	372500	3761600	NonCancerChronicDerived_Inh	1.41E-05	1.78E-04	2.18E-06	1.70E-05	1.69E-07	1.43E-05	6.39E-04	1.41E-05	5.26E-06	0.00E+00	1.68E-07	7.27E-04	0.00E+00	0.00E+00	7.27E-04
84	CARTGRID	1	372600	3761600	NonCancerChronicDerived_Inh	1.39E-05	1.76E-04	2.15E-06	1.67E-05	1.69E-07	1.41E-05	6.29E-04	1.39E-05	5.30E-06	0.00E+00	1.68E-07	7.32E-04	0.00E+00	0.00E+00	7.32E-04
85	CARTGRID	1	372700	3761600	NonCancerChronicDerived_Inh	1.37E-05	1.74E-04	2.12E-06	1.65E-05	1.69E-07	1.39E-05	6.22E-04	1.37E-05	5.36E-06	0.00E+00	1.68E-07	7.39E-04	0.00E+00	0.00E+00	7.39E-04
86	CARTGRID	1	372800	3761600	NonCancerChronicDerived_Inh	1.36E-05	1.72E-04	2.10E-06	1.64E-05	1.71E-07	1.38E-05	6.16E-04	1.36E-05	5.46E-06	0.00E+00	1.71E-07	7.50E-04	0.00E+00	0.00E+00	7.50E-04
87	CARTGRID	1	372900	3761600	NonCancerChronicDerived_Inh	1.34E-05	1.70E-04	2.08E-06	1.62E-05	1.74E-07	1.36E-05	6.10E-04	1.34E-05	5.58E-06	0.00E+00	1.74E-07	7.63E-04	0.00E+00	0.00E+00	7.63E-04
88	CARTGRID	1	373000	3761600	NonCancerChronicDerived_Inh	1.31E-05	1.67E-04	2.04E-06	1.59E-05	1.76E-07	1.33E-05	5.97E-04	1.31E-05	5.65E-06	0.00E+00	1.75E-07	7.68E-04	0.00E+00	0.00E+00	7.68E-04
89	CARTGRID	1	373100	3761600	NonCancerChronicDerived_Inh	1.28E-05	1.63E-04	1.99E-06	1.55E-05	1.80E-07	1.30E-05	5.84E-04	1.28E-05	5.76E-06	0.00E+00	1.79E-07	7.78E-04	0.00E+00	0.00E+00	7.78E-04
90	CARTGRID	1	373200	3761600	NonCancerChronicDerived_Inh	1.25E-05	1.59E-04	1.94E-06	1.51E-05	1.84E-07	1.27E-05	5.70E-04	1.25E-05	5.89E-06	0.00E+00	1.84E-07	7.88E-04	0.00E+00	0.00E+00	7.88E-04
91	CARTGRID	1	373300	3761600	NonCancerChronicDerived_Inh	1.21E-05	1.54E-04	1.88E-06	1.47E-05	1.88E-07	1.23E-05	5.55E-04	1.21E-05	5.97E-06	0.00E+00	1.87E-07	7.90E-04	0.00E+00	0.00E+00	7.90E-04
92	CARTGRID	1	373400	3761600	NonCancerChronicDerived_Inh	1.17E-05	1.48E-04	1.81E-06	1.41E-05	1.88E-07	1.19E-05	5.35E-04	1.17E-05	5.89E-06	0.00E+00	1.87E-07	7.71E-04	0.00E+00	0.00E+00	7.71E-04
93	CARTGRID	1	373500	3761600	NonCancerChronicDerived_Inh	1.16E-05	1.48E-04	1.81E-06	1.41E-05	1.93E-07	1.18E-05	5.34E-04	1.16E-05	6.02E-06	0.00E+00	1.92E-07	7.81E-04	0.00E+00	0.00E+00	7.81E-04
94	CARTGRID	1	373600	3761600	NonCancerChronicDerived_Inh	1.18E-05	1.50E-04	1.83E-06	1.43E-05	2.01E-07	1.20E-05	5.40E-04	1.18E-05	6.22E-06	0.00E+00	2.00E-07	8.00E-04	0.00E+00	0.00E+00	8.00E-04
95	CARTGRID	1	373700	3761600	NonCancerChronicDerived_Inh	1.20E-05	1.52E-04	1.85E-06	1.45E-05	2.07E-07	1.22E-05	5.49E-04	1.20E-05	6.41E-06	0.00E+00	2.07E-07	8.21E-04	0.00E+00	0.00E+00	8.21E-04
96	CARTGRID	1	373800	3761600	NonCancerChronicDerived_Inh	1.20E-05	1.53E-04	1.86E-06	1.46E-05	2.09E-07	1.22E-05	5.52E-04	1.20E-05	6.43E-06	0.00E+00	2.08E-07	8.23E-04	0.00E+00	0.00E+00	8.23E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
97	CARTGRID	1	373900	3761600	NonCancerChronicDerived_Inh	1.20E-05	1.53E-04	1.86E-06	1.45E-05	2.06E-07	1.22E-05	5.51E-04	1.20E-05	6.31E-06	0.00E+00	2.05E-07	8.09E-04	0.00E+00	0.00E+00	8.09E-04
98	CARTGRID	1	374000	3761600	NonCancerChronicDerived_Inh	1.19E-05	1.51E-04	1.85E-06	1.44E-05	1.96E-07	1.21E-05	5.45E-04	1.19E-05	5.99E-06	0.00E+00	1.95E-07	7.76E-04	0.00E+00	0.00E+00	7.76E-04
99	CARTGRID	1	374100	3761600	NonCancerChronicDerived_Inh	1.17E-05	1.49E-04	1.82E-06	1.42E-05	1.79E-07	1.19E-05	5.36E-04	1.17E-05	5.47E-06	0.00E+00	1.79E-07	7.23E-04	0.00E+00	0.00E+00	7.23E-04
100	CARTGRID	1	374200	3761600	NonCancerChronicDerived_Inh	1.14E-05	1.45E-04	1.77E-06	1.38E-05	1.56E-07	1.16E-05	5.19E-04	1.14E-05	4.75E-06	0.00E+00	1.55E-07	6.40E-04	0.00E+00	0.00E+00	6.40E-04
101	CARTGRID	1	374300	3761600	NonCancerChronicDerived_Inh	1.06E-05	1.34E-04	1.65E-06	1.28E-05	1.26E-07	1.07E-05	4.80E-04	1.06E-05	3.82E-06	0.00E+00	1.25E-07	5.26E-04	0.00E+00	0.00E+00	5.26E-04
102	CARTGRID	1	374400	3761600	NonCancerChronicDerived_Inh	9.99E-06	1.26E-04	1.55E-06	1.20E-05	1.07E-07	1.01E-05	4.50E-04	9.99E-06	3.24E-06	0.00E+00	1.07E-07	4.53E-04	0.00E+00	0.00E+00	4.53E-04
103	CARTGRID	1	374500	3761600	NonCancerChronicDerived_Inh	9.66E-06	1.22E-04	1.50E-06	1.16E-05	9.83E-08	9.76E-06	4.35E-04	9.66E-06	2.97E-06	0.00E+00	9.77E-08	4.17E-04	0.00E+00	0.00E+00	4.35E-04
104	CARTGRID	1	374600	3761600	NonCancerChronicDerived_Inh	9.32E-06	1.18E-04	1.44E-06	1.12E-05	9.18E-08	9.41E-06	4.19E-04	9.32E-06	2.76E-06	0.00E+00	9.13E-08	3.84E-04	0.00E+00	0.00E+00	4.19E-04
105	CARTGRID	1	374700	3761600	NonCancerChronicDerived_Inh	8.84E-06	1.12E-04	1.37E-06	1.06E-05	8.10E-08	8.92E-06	3.97E-04	8.84E-06	2.40E-06	0.00E+00	8.06E-08	3.31E-04	0.00E+00	0.00E+00	3.97E-04
106	CARTGRID	1	374800	3761600	NonCancerChronicDerived_Inh	8.11E-06	1.02E-04	1.26E-06	9.75E-06	7.37E-08	8.19E-06	3.64E-04	8.11E-06	2.18E-06	0.00E+00	7.33E-08	3.01E-04	0.00E+00	0.00E+00	3.64E-04
107	CARTGRID	1	374900	3761600	NonCancerChronicDerived_Inh	7.56E-06	9.56E-05	1.17E-06	9.10E-06	6.84E-08	7.63E-06	3.40E-04	7.56E-06	2.01E-06	0.00E+00	6.80E-08	2.79E-04	0.00E+00	0.00E+00	3.40E-04
108	CARTGRID	1	375000	3761600	NonCancerChronicDerived_Inh	7.16E-06	9.05E-05	1.11E-06	8.61E-06	6.24E-08	7.22E-06	3.21E-04	7.16E-06	1.84E-06	0.00E+00	6.20E-08	2.56E-04	0.00E+00	0.00E+00	3.21E-04
109	CARTGRID	1	371500	3761700	NonCancerChronicDerived_Inh	1.40E-05	1.78E-04	2.18E-06	1.69E-05	1.47E-07	1.42E-05	6.34E-04	1.40E-05	4.25E-06	0.00E+00	1.46E-07	5.84E-04	0.00E+00	0.00E+00	6.34E-04
110	CARTGRID	1	371600	3761700	NonCancerChronicDerived_Inh	1.44E-05	1.83E-04	2.24E-06	1.74E-05	1.52E-07	1.46E-05	6.53E-04	1.44E-05	4.40E-06	0.00E+00	1.51E-07	6.05E-04	0.00E+00	0.00E+00	6.53E-04
111	CARTGRID	1	371700	3761700	NonCancerChronicDerived_Inh	1.51E-05	1.91E-04	2.34E-06	1.82E-05	1.61E-07	1.52E-05	6.81E-04	1.51E-05	4.71E-06	0.00E+00	1.60E-07	6.47E-04	0.00E+00	0.00E+00	6.81E-04
112	CARTGRID	1	371800	3761700	NonCancerChronicDerived_Inh	1.54E-05	1.95E-04	2.38E-06	1.85E-05	1.65E-07	1.55E-05	6.95E-04	1.54E-05	4.86E-06	0.00E+00	1.64E-07	6.69E-04	0.00E+00	0.00E+00	6.95E-04
113	CARTGRID	1	371900	3761700	NonCancerChronicDerived_Inh	1.56E-05	1.97E-04	2.42E-06	1.88E-05	1.69E-07	1.58E-05	7.05E-04	1.56E-05	5.01E-06	0.00E+00	1.68E-07	6.90E-04	0.00E+00	0.00E+00	7.05E-04
114	CARTGRID	1	372000	3761700	NonCancerChronicDerived_Inh	1.57E-05	1.99E-04	2.43E-06	1.89E-05	1.73E-07	1.59E-05	7.10E-04	1.57E-05	5.15E-06	0.00E+00	1.72E-07	7.10E-04	0.00E+00	0.00E+00	7.10E-04
115	CARTGRID	1	372100	3761700	NonCancerChronicDerived_Inh	1.56E-05	1.98E-04	2.42E-06	1.88E-05	1.75E-07	1.58E-05	7.07E-04	1.56E-05	5.24E-06	0.00E+00	1.74E-07	7.23E-04	0.00E+00	0.00E+00	7.23E-04
116	CARTGRID	1	372200	3761700	NonCancerChronicDerived_Inh	1.57E-05	1.98E-04	2.43E-06	1.89E-05	1.78E-07	1.58E-05	7.09E-04	1.57E-05	5.39E-06	0.00E+00	1.77E-07	7.45E-04	0.00E+00	0.00E+00	7.45E-04
117	CARTGRID	1	372300	3761700	NonCancerChronicDerived_Inh	1.56E-05	1.97E-04	2.41E-06	1.88E-05	1.79E-07	1.58E-05	7.05E-04	1.56E-05	5.48E-06	0.00E+00	1.79E-07	7.58E-04	0.00E+00	0.00E+00	7.58E-04
118	CARTGRID	1	372400	3761700	NonCancerChronicDerived_Inh	1.54E-05	1.95E-04	2.38E-06	1.85E-05	1.79E-07	1.56E-05	6.96E-04	1.54E-05	5.51E-06	0.00E+00	1.78E-07	7.63E-04	0.00E+00	0.00E+00	7.63E-04
119	CARTGRID	1	372500	3761700	NonCancerChronicDerived_Inh	1.54E-05	1.95E-04	2.39E-06	1.86E-05	1.82E-07	1.56E-05	6.98E-04	1.54E-05	5.67E-06	0.00E+00	1.81E-07	7.85E-04	0.00E+00	0.00E+00	7.85E-04
120	CARTGRID	1	372600	3761700	NonCancerChronicDerived_Inh	1.54E-05	1.94E-04	2.38E-06	1.85E-05	1.84E-07	1.55E-05	6.96E-04	1.54E-05	5.79E-06	0.00E+00	1.83E-07	8.03E-04	0.00E+00	0.00E+00	8.03E-04
121	CARTGRID	1	372700	3761700	NonCancerChronicDerived_Inh	1.53E-05	1.94E-04	2.37E-06	1.84E-05	1.86E-07	1.55E-05	6.93E-04	1.53E-05	5.91E-06	0.00E+00	1.85E-07	8.18E-04	0.00E+00	0.00E+00	8.18E-04
122	CARTGRID	1	372800	3761700	NonCancerChronicDerived_Inh	1.52E-05	1.92E-04	2.35E-06	1.83E-05	1.88E-07	1.54E-05	6.88E-04	1.52E-05	6.02E-06	0.00E+00	1.87E-07	8.31E-04	0.00E+00	0.00E+00	8.31E-04
123	CARTGRID	1	372900	3761700	NonCancerChronicDerived_Inh	1.51E-05	1.91E-04	2.34E-06	1.82E-05	1.91E-07	1.53E-05	6.84E-04	1.51E-05	6.16E-06	0.00E+00	1.90E-07	8.48E-04	0.00E+00	0.00E+00	8.48E-04
124	CARTGRID	1	373000	3761700	NonCancerChronicDerived_Inh	1.48E-05	1.88E-04	2.30E-06	1.79E-05	1.94E-07	1.51E-05	6.74E-04	1.48E-05	6.28E-06	0.00E+00	1.93E-07	8.60E-04	0.00E+00	0.00E+00	8.60E-04
125	CARTGRID	1	373100	3761700	NonCancerChronicDerived_Inh	1.46E-05	1.85E-04	2.26E-06	1.76E-05	2.00E-07	1.48E-05	6.64E-04	1.46E-05	6.46E-06	0.00E+00	1.99E-07	8.80E-04	0.00E+00	0.00E+00	8.80E-04
126	CARTGRID	1	373200	3761700	NonCancerChronicDerived_Inh	1.42E-05	1.80E-04	2.20E-06	1.71E-05	2.04E-07	1.44E-05	6.46E-04	1.42E-05	6.61E-06	0.00E+00	2.04E-07	8.92E-04	0.00E+00	0.00E+00	8.92E-04
127	CARTGRID	1	373300	3761700	NonCancerChronicDerived_Inh	1.39E-05	1.77E-04	2.16E-06	1.69E-05	2.14E-07	1.42E-05	6.37E-04	1.39E-05	6.89E-06	0.00E+00	2.14E-07	9.20E-04	0.00E+00	0.00E+00	9.20E-04
128	CARTGRID	1	373400	3761700	NonCancerChronicDerived_Inh	1.33E-05	1.69E-04	2.07E-06	1.61E-05	2.16E-07	1.36E-05	6.10E-04	1.33E-05	6.88E-06	0.00E+00	2.15E-07	9.05E-04	0.00E+00	0.00E+00	9.05E-04
129	CARTGRID	1	373500	3761700	NonCancerChronicDerived_Inh	1.29E-05	1.65E-04	2.01E-06	1.57E-05	2.19E-07	1.32E-05	5.94E-04	1.29E-05	6.88E-06	0.00E+00	2.18E-07	8.93E-04	0.00E+00	0.00E+00	8.93E-04
130	CARTGRID	1	373600	3761700	NonCancerChronicDerived_Inh	1.32E-05	1.68E-04	2.05E-06	1.60E-05	2.33E-07	1.34E-05	6.06E-04	1.32E-05	7.27E-06	0.00E+00	2.32E-07	9.34E-04	0.00E+00	0.00E+00	9.34E-04
131	CARTGRID	1	373700	3761700	NonCancerChronicDerived_Inh	1.32E-05	1.68E-04	2.05E-06	1.60E-05	2.42E-07	1.34E-05	6.07E-04	1.32E-05	7.50E-06	0.00E+00	2.41E-07	9.57E-04	0.00E+00	0.00E+00	9.57E-04
132	CARTGRID	1	373800	3761700	NonCancerChronicDerived_Inh	1.32E-05	1.68E-04	2.05E-06	1.60E-05	2.50E-07	1.35E-05	6.10E-04	1.32E-05	7.72E-06	0.00E+00	2.50E-07	9.80E-04	0.00E+00	0.00E+00	9.80E-04
133	CARTGRID	1	373900	3761700	NonCancerChronicDerived_Inh	1.32E-05	1.67E-04	2.04E-06	1.60E-05	2.53E-07	1.34E-05	6.07E-04	1.32E-05	7.78E-06	0.00E+00	2.53E-07	9.86E-04	0.00E+00	0.00E+00	9.86E-04
134	CARTGRID	1	374000	3761700	NonCancerChronicDerived_Inh	1.31E-05	1.66E-04	2.02E-06	1.58E-05	2.50E-07	1.33E-05	6.02E-04	1.31E-05	7.66E-06	0.00E+00	2.50E-07	9.76E-04	0.00E+00	0.00E+00	9.76E-04
135	CARTGRID	1	374100	3761700	NonCancerChronicDerived_Inh	1.29E-05	1.64E-04	1.99E-06	1.56E-05	2.36E-07	1.31E-05	5.92E-04	1.29E-05	7.21E-06	0.00E+00	2.36E-07	9.36E-04	0.00E+00	0.00E+00	9.36E-04
136	CARTGRID	1	374200	3761700	NonCancerChronicDerived_Inh	1.24E-05	1.58E-04	1.93E-06	1.51E-05	2.15E-07	1.27E-05	5.70E-04	1.24E-05	6.54E-06	0.00E+00	2.14E-07	8.79E-04	0.00E+00	0.00E+00	8.79E-04
137	CARTGRID	1	374300	3761700	NonCancerChronicDerived_Inh	1.15E-05	1.46E-04	1.79E-06	1.39E-05	1.73E-07	1.17E-05	5.26E-04	1.15E-05	5.25E-06	0.00E+00	1.72E-07	7.26E-04	0.00E+00	0.00E+00	7.26E-04
138	CARTGRID	1	374400	3761700	NonCancerChronicDerived_Inh	1.09E-05	1.38E-04	1.69E-06	1.31E-05	1.36E-07	1.10E-05	4.92E-04	1.09E-05	4.13E-06	0.00E+00	1.36E-07	5.85E-04	0.00E+00	0.00E+00	5.85E-04
139	CARTGRID	1	374500	3761700	NonCancerChronicDerived_Inh	1.02E-05	1.29E-04	1.59E-06	1.23E-05	1.16E-07	1.04E-05	4.62E-04	1.02E-05	3.53E-06	0.00E+00	1.16E-07	4.95E-04	0.00E+00	0.00E+00	4.95E-04
140	CARTGRID	1	374600	3761700	NonCancerChronicDerived_Inh	9.57E-06	1.21E-04	1.48E-06	1.15E-05	1.04E-07	9.67E-06	4.31E-04	9.56E-06	3.13E-06	0.00E+00	1.03E-07	4.34E-04	0.00E+00	0.00E+00	4.34E-04
141	CARTGRID	1	374700	3761700	NonCancerChronicDerived_Inh	9.07E-06	1.15E-04	1.41E-06	1.09E-05	9.31E-08	9.17E-06	4.09E-04	9.07E-06	2.79E-06	0.00E+00	9.26E-08	3.81E-04	0.00E+00	0.00E+00	4.09E-04
142	CARTGRID	1	374800	3761700	NonCancerChronicDerived_Inh	8.49E-06	1.07E-04	1.32E-06	1.02E-05	8.20E-08	8.58E-06	3.82E-04	8.49E-06	2.43E-06	0.00E+00	8.16E-08	3.33E-04	0.00E+00	0.00E+00	3.82E-04
143	CARTGRID	1	374900	3761700	NonCancerChronicDerived_Inh	7.98E-06	1.01E-04	1.24E-06	9.60E-06	7.38E-08	8.06E-06	3.59E-04	7.98E-06	2.18E-06	0.00E+00	7.34E-08	3.02E-04	0.00E+00	0.00E+00	3.59E-04
144	CARTGRID	1	375000	3761700	NonCancerChronicDerived_Inh	7.63E-06	9.64E-05	1.18E-06	9.18E-06	6.66E-08	7.70E-06	3.43E-04	7.63E-06	1.96E-06	0.00E+00	6.62E-08	2.73E-04	0.00E+00	0.00E+00	3.43E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
145	CARTGRID	1	371500	3761800	NonCancerChronicDerived_Inh	1.47E-05	1.87E-04	2.29E-06	1.78E-05	1.53E-07	1.49E-05	6.66E-04	1.47E-05	4.44E-06	0.00E+00	1.52E-07	6.09E-04	0.00E+00	0.00E+00	6.66E-04
146	CARTGRID	1	371600	3761800	NonCancerChronicDerived_Inh	1.52E-05	1.92E-04	2.36E-06	1.83E-05	1.58E-07	1.54E-05	6.87E-04	1.52E-05	4.61E-06	0.00E+00	1.58E-07	6.33E-04	0.00E+00	0.00E+00	6.87E-04
147	CARTGRID	1	371700	3761800	NonCancerChronicDerived_Inh	1.57E-05	1.98E-04	2.43E-06	1.89E-05	1.64E-07	1.58E-05	7.08E-04	1.57E-05	4.79E-06	0.00E+00	1.63E-07	6.59E-04	0.00E+00	0.00E+00	7.08E-04
148	CARTGRID	1	371800	3761800	NonCancerChronicDerived_Inh	1.61E-05	2.04E-04	2.49E-06	1.94E-05	1.70E-07	1.63E-05	7.27E-04	1.61E-05	4.98E-06	0.00E+00	1.69E-07	6.86E-04	0.00E+00	0.00E+00	7.27E-04
149	CARTGRID	1	371900	3761800	NonCancerChronicDerived_Inh	1.65E-05	2.08E-04	2.55E-06	1.98E-05	1.76E-07	1.66E-05	7.44E-04	1.65E-05	5.19E-06	0.00E+00	1.75E-07	7.15E-04	0.00E+00	0.00E+00	7.44E-04
150	CARTGRID	1	372000	3761800	NonCancerChronicDerived_Inh	1.67E-05	2.12E-04	2.60E-06	2.02E-05	1.82E-07	1.69E-05	7.57E-04	1.67E-05	5.40E-06	0.00E+00	1.81E-07	7.45E-04	0.00E+00	0.00E+00	7.57E-04
151	CARTGRID	1	372100	3761800	NonCancerChronicDerived_Inh	1.69E-05	2.14E-04	2.62E-06	2.04E-05	1.87E-07	1.71E-05	7.65E-04	1.69E-05	5.60E-06	0.00E+00	1.86E-07	7.73E-04	0.00E+00	0.00E+00	7.73E-04
152	CARTGRID	1	372200	3761800	NonCancerChronicDerived_Inh	1.69E-05	2.14E-04	2.63E-06	2.04E-05	1.90E-07	1.71E-05	7.67E-04	1.69E-05	5.76E-06	0.00E+00	1.89E-07	7.95E-04	0.00E+00	0.00E+00	7.95E-04
153	CARTGRID	1	372300	3761800	NonCancerChronicDerived_Inh	1.69E-05	2.15E-04	2.63E-06	2.04E-05	1.93E-07	1.72E-05	7.67E-04	1.69E-05	5.90E-06	0.00E+00	1.92E-07	8.16E-04	0.00E+00	0.00E+00	8.16E-04
154	CARTGRID	1	372400	3761800	NonCancerChronicDerived_Inh	1.70E-05	2.15E-04	2.63E-06	2.04E-05	1.96E-07	1.72E-05	7.68E-04	1.70E-05	6.05E-06	0.00E+00	1.95E-07	8.38E-04	0.00E+00	0.00E+00	8.38E-04
155	CARTGRID	1	372500	3761800	NonCancerChronicDerived_Inh	1.69E-05	2.15E-04	2.63E-06	2.04E-05	1.98E-07	1.72E-05	7.68E-04	1.69E-05	6.18E-06	0.00E+00	1.97E-07	8.57E-04	0.00E+00	0.00E+00	8.57E-04
156	CARTGRID	1	372600	3761800	NonCancerChronicDerived_Inh	1.69E-05	2.14E-04	2.62E-06	2.04E-05	1.99E-07	1.71E-05	7.67E-04	1.69E-05	6.30E-06	0.00E+00	1.99E-07	8.75E-04	0.00E+00	0.00E+00	8.75E-04
157	CARTGRID	1	372700	3761800	NonCancerChronicDerived_Inh	1.70E-05	2.15E-04	2.63E-06	2.04E-05	2.02E-07	1.72E-05	7.68E-04	1.70E-05	6.46E-06	0.00E+00	2.01E-07	8.97E-04	0.00E+00	0.00E+00	8.97E-04
158	CARTGRID	1	372800	3761800	NonCancerChronicDerived_Inh	1.69E-05	2.14E-04	2.62E-06	2.04E-05	2.04E-07	1.71E-05	7.66E-04	1.69E-05	6.58E-06	0.00E+00	2.03E-07	9.13E-04	0.00E+00	0.00E+00	9.13E-04
159	CARTGRID	1	372900	3761800	NonCancerChronicDerived_Inh	1.69E-05	2.14E-04	2.62E-06	2.04E-05	2.09E-07	1.71E-05	7.67E-04	1.69E-05	6.78E-06	0.00E+00	2.08E-07	9.38E-04	0.00E+00	0.00E+00	9.38E-04
160	CARTGRID	1	373000	3761800	NonCancerChronicDerived_Inh	1.70E-05	2.15E-04	2.63E-06	2.05E-05	2.16E-07	1.72E-05	7.69E-04	1.70E-05	7.06E-06	0.00E+00	2.15E-07	9.74E-04	0.00E+00	0.00E+00	9.74E-04
161	CARTGRID	1	373100	3761800	NonCancerChronicDerived_Inh	1.68E-05	2.13E-04	2.61E-06	2.03E-05	2.24E-07	1.71E-05	7.64E-04	1.68E-05	7.33E-06	0.00E+00	2.23E-07	1.01E-03	0.00E+00	0.00E+00	1.01E-03
162	CARTGRID	1	373200	3761800	NonCancerChronicDerived_Inh	1.63E-05	2.07E-04	2.52E-06	1.97E-05	2.28E-07	1.65E-05	7.41E-04	1.63E-05	7.47E-06	0.00E+00	2.27E-07	1.02E-03	0.00E+00	0.00E+00	1.02E-03
163	CARTGRID	1	373300	3761800	NonCancerChronicDerived_Inh	1.61E-05	2.04E-04	2.50E-06	1.95E-05	2.42E-07	1.63E-05	7.35E-04	1.61E-05	7.92E-06	0.00E+00	2.41E-07	1.07E-03	0.00E+00	0.00E+00	1.07E-03
164	CARTGRID	1	373400	3761800	NonCancerChronicDerived_Inh	1.58E-05	2.00E-04	2.45E-06	1.91E-05	2.56E-07	1.60E-05	7.22E-04	1.58E-05	8.31E-06	0.00E+00	2.55E-07	1.11E-03	0.00E+00	0.00E+00	1.11E-03
165	CARTGRID	1	373500	3761800	NonCancerChronicDerived_Inh	1.45E-05	1.84E-04	2.25E-06	1.76E-05	2.50E-07	1.48E-05	6.66E-04	1.45E-05	7.96E-06	0.00E+00	2.49E-07	1.04E-03	0.00E+00	0.00E+00	1.04E-03
166	CARTGRID	1	373600	3761800	NonCancerChronicDerived_Inh	1.48E-05	1.88E-04	2.29E-06	1.79E-05	2.71E-07	1.51E-05	6.81E-04	1.48E-05	8.51E-06	0.00E+00	2.70E-07	1.09E-03	0.00E+00	0.00E+00	1.09E-03
167	CARTGRID	1	373700	3761800	NonCancerChronicDerived_Inh	1.48E-05	1.89E-04	2.30E-06	1.80E-05	2.86E-07	1.51E-05	6.84E-04	1.48E-05	8.93E-06	0.00E+00	2.85E-07	1.14E-03	0.00E+00	0.00E+00	1.14E-03
168	CARTGRID	1	373800	3761800	NonCancerChronicDerived_Inh	1.48E-05	1.89E-04	2.30E-06	1.80E-05	3.02E-07	1.52E-05	6.87E-04	1.48E-05	9.34E-06	0.00E+00	3.01E-07	1.18E-03	0.00E+00	0.00E+00	1.18E-03
169	CARTGRID	1	373900	3761800	NonCancerChronicDerived_Inh	1.46E-05	1.87E-04	2.27E-06	1.78E-05	3.13E-07	1.50E-05	6.79E-04	1.46E-05	9.62E-06	0.00E+00	3.12E-07	1.20E-03	0.00E+00	0.00E+00	1.20E-03
170	CARTGRID	1	374000	3761800	NonCancerChronicDerived_Inh	1.44E-05	1.84E-04	2.24E-06	1.76E-05	3.20E-07	1.48E-05	6.71E-04	1.44E-05	9.81E-06	0.00E+00	3.20E-07	1.23E-03	0.00E+00	0.00E+00	1.23E-03
171	CARTGRID	1	374100	3761800	NonCancerChronicDerived_Inh	1.42E-05	1.81E-04	2.20E-06	1.73E-05	3.18E-07	1.45E-05	6.61E-04	1.42E-05	9.69E-06	0.00E+00	3.17E-07	1.22E-03	0.00E+00	0.00E+00	1.22E-03
172	CARTGRID	1	374200	3761800	NonCancerChronicDerived_Inh	1.35E-05	1.72E-04	2.09E-06	1.64E-05	3.08E-07	1.38E-05	6.27E-04	1.35E-05	9.39E-06	0.00E+00	3.08E-07	1.25E-03	0.00E+00	0.00E+00	1.25E-03
173	CARTGRID	1	374300	3761800	NonCancerChronicDerived_Inh	1.25E-05	1.61E-04	1.94E-06	1.54E-05	3.75E-07	1.29E-05	5.95E-04	1.25E-05	1.14E-05	0.00E+00	3.75E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03
174	CARTGRID	1	374400	3761800	NonCancerChronicDerived_Inh	1.17E-05	1.49E-04	1.81E-06	1.42E-05	2.05E-07	1.19E-05	5.37E-04	1.17E-05	6.23E-06	0.00E+00	2.04E-07	9.25E-04	0.00E+00	0.00E+00	9.25E-04
175	CARTGRID	1	374500	3761800	NonCancerChronicDerived_Inh	1.09E-05	1.39E-04	1.70E-06	1.32E-05	1.48E-07	1.11E-05	4.97E-04	1.09E-05	4.50E-06	0.00E+00	1.48E-07	6.27E-04	0.00E+00	0.00E+00	6.27E-04
176	CARTGRID	1	374600	3761800	NonCancerChronicDerived_Inh	1.03E-05	1.31E-04	1.60E-06	1.24E-05	1.24E-07	1.04E-05	4.66E-04	1.03E-05	3.74E-06	0.00E+00	1.23E-07	5.05E-04	0.00E+00	0.00E+00	5.05E-04
177	CARTGRID	1	374700	3761800	NonCancerChronicDerived_Inh	9.65E-06	1.22E-04	1.50E-06	1.16E-05	1.01E-07	9.75E-06	4.35E-04	9.65E-06	3.00E-06	0.00E+00	1.00E-07	4.06E-04	0.00E+00	0.00E+00	4.35E-04
178	CARTGRID	1	374800	3761800	NonCancerChronicDerived_Inh	8.92E-06	1.13E-04	1.38E-06	1.07E-05	9.12E-08	9.01E-06	4.02E-04	8.92E-06	2.73E-06	0.00E+00	9.08E-08	3.72E-04	0.00E+00	0.00E+00	4.02E-04
179	CARTGRID	1	374900	3761800	NonCancerChronicDerived_Inh	8.52E-06	1.08E-04	1.32E-06	1.03E-05	7.98E-08	8.60E-06	3.83E-04	8.52E-06	2.36E-06	0.00E+00	7.94E-08	3.26E-04	0.00E+00	0.00E+00	3.83E-04
180	CARTGRID	1	375000	3761800	NonCancerChronicDerived_Inh	8.15E-06	1.03E-04	1.26E-06	9.80E-06	7.16E-08	8.23E-06	3.66E-04	8.15E-06	2.11E-06	0.00E+00	7.11E-08	2.94E-04	0.00E+00	0.00E+00	3.66E-04
181	CARTGRID	1	371500	3761900	NonCancerChronicDerived_Inh	1.55E-05	1.96E-04	2.40E-06	1.86E-05	1.59E-07	1.56E-05	6.98E-04	1.55E-05	4.61E-06	0.00E+00	1.58E-07	6.33E-04	0.00E+00	0.00E+00	6.98E-04
182	CARTGRID	1	371600	3761900	NonCancerChronicDerived_Inh	1.60E-05	2.02E-04	2.48E-06	1.93E-05	1.65E-07	1.62E-05	7.22E-04	1.60E-05	4.79E-06	0.00E+00	1.64E-07	6.58E-04	0.00E+00	0.00E+00	7.22E-04
183	CARTGRID	1	371700	3761900	NonCancerChronicDerived_Inh	1.66E-05	2.10E-04	2.58E-06	2.00E-05	1.73E-07	1.68E-05	7.51E-04	1.66E-05	5.06E-06	0.00E+00	1.72E-07	6.94E-04	0.00E+00	0.00E+00	7.51E-04
184	CARTGRID	1	371800	3761900	NonCancerChronicDerived_Inh	1.71E-05	2.17E-04	2.66E-06	2.06E-05	1.79E-07	1.73E-05	7.74E-04	1.71E-05	5.26E-06	0.00E+00	1.78E-07	7.23E-04	0.00E+00	0.00E+00	7.74E-04
185	CARTGRID	1	371900	3761900	NonCancerChronicDerived_Inh	1.76E-05	2.22E-04	2.72E-06	2.12E-05	1.85E-07	1.78E-05	7.94E-04	1.76E-05	5.47E-06	0.00E+00	1.84E-07	7.53E-04	0.00E+00	0.00E+00	7.94E-04
186	CARTGRID	1	372000	3761900	NonCancerChronicDerived_Inh	1.80E-05	2.27E-04	2.79E-06	2.16E-05	1.92E-07	1.82E-05	8.12E-04	1.80E-05	5.71E-06	0.00E+00	1.91E-07	7.87E-04	0.00E+00	0.00E+00	8.12E-04
187	CARTGRID	1	372100	3761900	NonCancerChronicDerived_Inh	1.83E-05	2.32E-04	2.84E-06	2.21E-05	1.99E-07	1.85E-05	8.28E-04	1.83E-05	5.98E-06	0.00E+00	1.98E-07	8.24E-04	0.00E+00	0.00E+00	8.28E-04
188	CARTGRID	1	372200	3761900	NonCancerChronicDerived_Inh	1.84E-05	2.33E-04	2.86E-06	2.22E-05	2.04E-07	1.87E-05	8.34E-04	1.84E-05	6.18E-06	0.00E+00	2.03E-07	8.53E-04	0.00E+00	0.00E+00	8.53E-04
189	CARTGRID	1	372300	3761900	NonCancerChronicDerived_Inh	1.85E-05	2.34E-04	2.87E-06	2.23E-05	2.09E-07	1.87E-05	8.38E-04	1.85E-05	6.38E-06	0.00E+00	2.08E-07	8.82E-04	0.00E+00	0.00E+00	8.82E-04
190	CARTGRID	1	372400	3761900	NonCancerChronicDerived_Inh	1.86E-05	2.36E-04	2.88E-06	2.24E-05	2.13E-07	1.88E-05	8.42E-04	1.86E-05	6.57E-06	0.00E+00	2.12E-07	9.10E-04	0.00E+00	0.00E+00	9.10E-04
191	CARTGRID	1	372500	3761900	NonCancerChronicDerived_Inh	1.87E-05	2.37E-04	2.90E-06	2.25E-05	2.16E-07	1.89E-05	8.46E-04	1.87E-05	6.75E-06	0.00E+00	2.15E-07	9.37E-04	0.00E+00	0.00E+00	9.37E-04
192	CARTGRID	1	372600	3761900	NonCancerChronicDerived_Inh	1.90E-05	2.41E-04	2.94E-06	2.29E-05	2.21E-07	1.92E-05	8.60E-04	1.90E-05	7.02E-06	0.00E+00	2.20E-07	9.77E-04	0.00E+00	0.00E+00	9.77E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
193	CARTGRID	1	372700	3761900	NonCancerChronicDerived_Inh	1.91E-05	2.41E-04	2.95E-06	2.30E-05	2.23E-07	1.93E-05	8.62E-04	1.91E-05	7.17E-06	0.00E+00	2.22E-07	9.99E-04	0.00E+00	0.00E+00	9.99E-04
194	CARTGRID	1	372800	3761900	NonCancerChronicDerived_Inh	1.91E-05	2.42E-04	2.95E-06	2.30E-05	2.26E-07	1.93E-05	8.63E-04	1.91E-05	7.31E-06	0.00E+00	2.25E-07	1.02E-03	0.00E+00	0.00E+00	1.02E-03
195	CARTGRID	1	372900	3761900	NonCancerChronicDerived_Inh	1.93E-05	2.44E-04	2.99E-06	2.32E-05	2.32E-07	1.95E-05	8.72E-04	1.93E-05	7.58E-06	0.00E+00	2.31E-07	1.06E-03	0.00E+00	0.00E+00	1.06E-03
196	CARTGRID	1	373000	3761900	NonCancerChronicDerived_Inh	1.95E-05	2.47E-04	3.03E-06	2.35E-05	2.41E-07	1.98E-05	8.84E-04	1.95E-05	7.95E-06	0.00E+00	2.40E-07	1.10E-03	0.00E+00	0.00E+00	1.10E-03
197	CARTGRID	1	373100	3761900	NonCancerChronicDerived_Inh	1.95E-05	2.47E-04	3.02E-06	2.35E-05	2.50E-07	1.97E-05	8.83E-04	1.95E-05	8.29E-06	0.00E+00	2.49E-07	1.15E-03	0.00E+00	0.00E+00	1.15E-03
198	CARTGRID	1	373200	3761900	NonCancerChronicDerived_Inh	1.91E-05	2.43E-04	2.97E-06	2.31E-05	2.59E-07	1.94E-05	8.69E-04	1.91E-05	8.62E-06	0.00E+00	2.58E-07	1.19E-03	0.00E+00	0.00E+00	1.19E-03
199	CARTGRID	1	373300	3761900	NonCancerChronicDerived_Inh	1.89E-05	2.40E-04	2.93E-06	2.29E-05	2.74E-07	1.92E-05	8.62E-04	1.89E-05	9.17E-06	0.00E+00	2.73E-07	1.26E-03	0.00E+00	0.00E+00	1.26E-03
200	CARTGRID	1	373400	3761900	NonCancerChronicDerived_Inh	1.85E-05	2.35E-04	2.86E-06	2.23E-05	2.91E-07	1.88E-05	8.44E-04	1.85E-05	9.72E-06	0.00E+00	2.90E-07	1.32E-03	0.00E+00	0.00E+00	1.32E-03
201	CARTGRID	1	373500	3761900	NonCancerChronicDerived_Inh	1.69E-05	2.16E-04	2.63E-06	2.05E-05	3.05E-07	1.72E-05	7.79E-04	1.69E-05	9.88E-06	0.00E+00	3.04E-07	1.30E-03	0.00E+00	0.00E+00	1.30E-03
202	CARTGRID	1	373600	3761900	NonCancerChronicDerived_Inh	1.58E-05	2.01E-04	2.44E-06	1.91E-05	3.06E-07	1.61E-05	7.28E-04	1.58E-05	9.69E-06	0.00E+00	3.05E-07	1.24E-03	0.00E+00	0.00E+00	1.24E-03
203	CARTGRID	1	373700	3761900	NonCancerChronicDerived_Inh	1.65E-05	2.10E-04	2.55E-06	2.00E-05	3.34E-07	1.68E-05	7.62E-04	1.65E-05	1.05E-05	0.00E+00	3.33E-07	1.33E-03	0.00E+00	0.00E+00	1.33E-03
204	CARTGRID	1	373800	3761900	NonCancerChronicDerived_Inh	1.65E-05	2.11E-04	2.56E-06	2.01E-05	3.59E-07	1.69E-05	7.67E-04	1.65E-05	1.11E-05	0.00E+00	3.58E-07	1.39E-03	0.00E+00	0.00E+00	1.39E-03
205	CARTGRID	1	373900	3761900	NonCancerChronicDerived_Inh	1.63E-05	2.08E-04	2.53E-06	1.98E-05	3.80E-07	1.67E-05	7.61E-04	1.63E-05	1.17E-05	0.00E+00	3.80E-07	1.44E-03	0.00E+00	0.00E+00	1.44E-03
206	CARTGRID	1	374000	3761900	NonCancerChronicDerived_Inh	1.61E-05	2.06E-04	2.49E-06	1.96E-05	4.04E-07	1.65E-05	7.53E-04	1.61E-05	1.24E-05	0.00E+00	4.04E-07	1.52E-03	0.00E+00	0.00E+00	1.52E-03
207	CARTGRID	1	374100	3761900	NonCancerChronicDerived_Inh	1.58E-05	2.03E-04	2.46E-06	1.93E-05	4.27E-07	1.63E-05	7.46E-04	1.58E-05	1.30E-05	0.00E+00	4.27E-07	1.59E-03	0.00E+00	0.00E+00	1.59E-03
208	CARTGRID	1	374200	3761900	NonCancerChronicDerived_Inh	1.48E-05	1.90E-04	2.30E-06	1.81E-05	4.50E-07	1.53E-05	7.04E-04	1.48E-05	1.37E-05	0.00E+00	4.49E-07	1.72E-03	0.00E+00	0.00E+00	1.72E-03
209	CARTGRID	1	374300	3761900	NonCancerChronicDerived_Inh	1.35E-05	1.74E-04	2.09E-06	1.66E-05	4.50E-07	1.40E-05	6.47E-04	1.35E-05	1.37E-05	0.00E+00	4.50E-07	2.15E-03	0.00E+00	0.00E+00	2.15E-03
210	CARTGRID	1	374400	3761900	NonCancerChronicDerived_Inh	1.28E-05	1.66E-04	1.98E-06	1.59E-05	6.36E-07	1.34E-05	6.36E-04	1.28E-05	1.93E-05	0.00E+00	6.35E-07	2.85E-03	0.00E+00	0.00E+00	2.85E-03
211	CARTGRID	1	374500	3761900	NonCancerChronicDerived_Inh	1.18E-05	1.50E-04	1.83E-06	1.43E-05	2.39E-07	1.20E-05	5.46E-04	1.18E-05	7.26E-06	0.00E+00	2.38E-07	9.79E-04	0.00E+00	0.00E+00	9.79E-04
212	CARTGRID	1	374600	3761900	NonCancerChronicDerived_Inh	1.09E-05	1.39E-04	1.70E-06	1.32E-05	1.34E-07	1.11E-05	4.95E-04	1.09E-05	4.03E-06	0.00E+00	1.34E-07	5.41E-04	0.00E+00	0.00E+00	5.41E-04
213	CARTGRID	1	374700	3761900	NonCancerChronicDerived_Inh	9.85E-06	1.25E-04	1.53E-06	1.19E-05	1.05E-07	9.96E-06	4.44E-04	9.85E-06	3.14E-06	0.00E+00	1.05E-07	4.26E-04	0.00E+00	0.00E+00	4.44E-04
214	CARTGRID	1	374800	3761900	NonCancerChronicDerived_Inh	9.57E-06	1.21E-04	1.48E-06	1.15E-05	9.70E-08	9.67E-06	4.31E-04	9.57E-06	2.90E-06	0.00E+00	9.65E-08	3.94E-04	0.00E+00	0.00E+00	4.31E-04
215	CARTGRID	1	374900	3761900	NonCancerChronicDerived_Inh	9.01E-06	1.14E-04	1.40E-06	1.08E-05	8.14E-08	9.10E-06	4.04E-04	9.01E-06	2.42E-06	0.00E+00	8.10E-08	3.34E-04	0.00E+00	0.00E+00	4.04E-04
216	CARTGRID	1	375000	3761900	NonCancerChronicDerived_Inh	8.69E-06	1.10E-04	1.35E-06	1.05E-05	7.58E-08	8.77E-06	3.90E-04	8.69E-06	2.25E-06	0.00E+00	7.53E-08	3.12E-04	0.00E+00	0.00E+00	3.90E-04
217	CARTGRID	1	371500	3762000	NonCancerChronicDerived_Inh	1.62E-05	2.05E-04	2.52E-06	1.95E-05	1.65E-07	1.64E-05	7.33E-04	1.62E-05	4.79E-06	0.00E+00	1.64E-07	6.57E-04	0.00E+00	0.00E+00	7.33E-04
218	CARTGRID	1	371600	3762000	NonCancerChronicDerived_Inh	1.69E-05	2.13E-04	2.61E-06	2.03E-05	1.71E-07	1.70E-05	7.61E-04	1.69E-05	5.00E-06	0.00E+00	1.70E-07	6.86E-04	0.00E+00	0.00E+00	7.61E-04
219	CARTGRID	1	371700	3762000	NonCancerChronicDerived_Inh	1.76E-05	2.23E-04	2.73E-06	2.12E-05	1.81E-07	1.78E-05	7.95E-04	1.76E-05	5.30E-06	0.00E+00	1.80E-07	7.28E-04	0.00E+00	0.00E+00	7.95E-04
220	CARTGRID	1	371800	3762000	NonCancerChronicDerived_Inh	1.86E-05	2.35E-04	2.88E-06	2.24E-05	1.94E-07	1.88E-05	8.39E-04	1.86E-05	5.72E-06	0.00E+00	1.93E-07	7.85E-04	0.00E+00	0.00E+00	8.39E-04
221	CARTGRID	1	371900	3762000	NonCancerChronicDerived_Inh	1.89E-05	2.40E-04	2.94E-06	2.28E-05	1.97E-07	1.91E-05	8.55E-04	1.89E-05	5.85E-06	0.00E+00	1.96E-07	8.04E-04	0.00E+00	0.00E+00	8.55E-04
222	CARTGRID	1	372000	3762000	NonCancerChronicDerived_Inh	1.92E-05	2.43E-04	2.97E-06	2.31E-05	2.00E-07	1.94E-05	8.66E-04	1.92E-05	5.95E-06	0.00E+00	1.99E-07	8.20E-04	0.00E+00	0.00E+00	8.66E-04
223	CARTGRID	1	372100	3762000	NonCancerChronicDerived_Inh	1.96E-05	2.47E-04	3.03E-06	2.36E-05	2.08E-07	1.98E-05	8.83E-04	1.95E-05	6.22E-06	0.00E+00	2.07E-07	8.58E-04	0.00E+00	0.00E+00	8.83E-04
224	CARTGRID	1	372200	3762000	NonCancerChronicDerived_Inh	1.99E-05	2.52E-04	3.08E-06	2.40E-05	2.16E-07	2.01E-05	8.99E-04	1.99E-05	6.53E-06	0.00E+00	2.15E-07	9.01E-04	0.00E+00	0.00E+00	9.01E-04
225	CARTGRID	1	372300	3762000	NonCancerChronicDerived_Inh	2.03E-05	2.57E-04	3.15E-06	2.45E-05	2.26E-07	2.06E-05	9.19E-04	2.03E-05	6.91E-06	0.00E+00	2.25E-07	9.55E-04	0.00E+00	0.00E+00	9.55E-04
226	CARTGRID	1	372400	3762000	NonCancerChronicDerived_Inh	2.05E-05	2.60E-04	3.18E-06	2.47E-05	2.32E-07	2.07E-05	9.28E-04	2.05E-05	7.17E-06	0.00E+00	2.31E-07	9.92E-04	0.00E+00	0.00E+00	9.92E-04
227	CARTGRID	1	372500	3762000	NonCancerChronicDerived_Inh	2.07E-05	2.63E-04	3.21E-06	2.50E-05	2.37E-07	2.10E-05	9.38E-04	2.07E-05	7.42E-06	0.00E+00	2.36E-07	1.03E-03	0.00E+00	0.00E+00	1.03E-03
228	CARTGRID	1	372600	3762000	NonCancerChronicDerived_Inh	2.05E-05	2.59E-04	3.17E-06	2.47E-05	2.34E-07	2.07E-05	9.26E-04	2.05E-05	7.39E-06	0.00E+00	2.33E-07	1.03E-03	0.00E+00	0.00E+00	1.03E-03
229	CARTGRID	1	372700	3762000	NonCancerChronicDerived_Inh	2.14E-05	2.71E-04	3.32E-06	2.58E-05	2.47E-07	2.17E-05	9.68E-04	2.14E-05	7.95E-06	0.00E+00	2.46E-07	1.11E-03	0.00E+00	0.00E+00	1.11E-03
230	CARTGRID	1	372800	3762000	NonCancerChronicDerived_Inh	2.16E-05	2.74E-04	3.35E-06	2.60E-05	2.50E-07	2.19E-05	9.77E-04	2.16E-05	8.15E-06	0.00E+00	2.49E-07	1.14E-03	0.00E+00	0.00E+00	1.14E-03
231	CARTGRID	1	372900	3762000	NonCancerChronicDerived_Inh	2.21E-05	2.81E-04	3.43E-06	2.67E-05	2.59E-07	2.24E-05	1.00E-03	2.21E-05	8.53E-06	0.00E+00	2.58E-07	1.20E-03	0.00E+00	0.00E+00	1.20E-03
232	CARTGRID	1	373000	3762000	NonCancerChronicDerived_Inh	2.27E-05	2.88E-04	3.52E-06	2.74E-05	2.71E-07	2.30E-05	1.03E-03	2.27E-05	9.00E-06	0.00E+00	2.69E-07	1.26E-03	0.00E+00	0.00E+00	1.26E-03
233	CARTGRID	1	373100	3762000	NonCancerChronicDerived_Inh	2.29E-05	2.90E-04	3.54E-06	2.76E-05	2.81E-07	2.32E-05	1.03E-03	2.29E-05	9.43E-06	0.00E+00	2.80E-07	1.32E-03	0.00E+00	0.00E+00	1.32E-03
234	CARTGRID	1	373200	3762000	NonCancerChronicDerived_Inh	2.27E-05	2.88E-04	3.53E-06	2.74E-05	2.94E-07	2.30E-05	1.03E-03	2.27E-05	9.91E-06	0.00E+00	2.92E-07	1.38E-03	0.00E+00	0.00E+00	1.38E-03
235	CARTGRID	1	373300	3762000	NonCancerChronicDerived_Inh	2.25E-05	2.86E-04	3.49E-06	2.72E-05	3.10E-07	2.28E-05	1.02E-03	2.25E-05	1.06E-05	0.00E+00	3.09E-07	1.48E-03	0.00E+00	0.00E+00	1.48E-03
236	CARTGRID	1	373400	3762000	NonCancerChronicDerived_Inh	2.19E-05	2.78E-04	3.39E-06	2.65E-05	3.28E-07	2.22E-05	9.98E-04	2.19E-05	1.13E-05	0.00E+00	3.27E-07	1.58E-03	0.00E+00	0.00E+00	1.58E-03
237	CARTGRID	1	373500	3762000	NonCancerChronicDerived_Inh	2.06E-05	2.62E-04	3.19E-06	2.49E-05	3.53E-07	2.09E-05	9.44E-04	2.06E-05	1.21E-05	0.00E+00	3.52E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03
238	CARTGRID	1	373600	3762000	NonCancerChronicDerived_Inh	1.82E-05	2.36E-04	2.82E-06	2.25E-05	7.72E-07	1.90E-05	8.99E-04	1.82E-05	2.41E-05	0.00E+00	7.71E-07	2.90E-03	0.00E+00	0.00E+00	2.90E-03
239	CARTGRID	1	373700	3762000	NonCancerChronicDerived_Inh	1.80E-05	2.30E-04	2.79E-06	2.19E-05	4.17E-07	1.84E-05	8.39E-04	1.80E-05	1.32E-05	0.00E+00	4.16E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03
240	CARTGRID	1	373800	3762000	NonCancerChronicDerived_Inh	1.85E-05	2.36E-04	2.86E-06	2.25E-05	4.30E-07	1.89E-05	8.62E-04	1.85E-05	1.34E-05	0.00E+00	4.29E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
241	CARTGRID	1	373900	3762000	NonCancerChronicDerived_Inh	1.84E-05	2.35E-04	2.85E-06	2.24E-05	4.59E-07	1.88E-05	8.61E-04	1.84E-05	1.41E-05	0.00E+00	4.58E-07	1.72E-03	0.00E+00	0.00E+00	1.72E-03
242	CARTGRID	1	374000	3762000	NonCancerChronicDerived_Inh	1.82E-05	2.33E-04	2.82E-06	2.22E-05	4.98E-07	1.87E-05	8.58E-04	1.82E-05	1.52E-05	0.00E+00	4.97E-07	1.84E-03	0.00E+00	0.00E+00	1.84E-03
243	CARTGRID	1	374100	3762000	NonCancerChronicDerived_Inh	1.79E-05	2.29E-04	2.77E-06	2.19E-05	5.62E-07	1.84E-05	8.51E-04	1.79E-05	1.71E-05	0.00E+00	5.61E-07	2.04E-03	0.00E+00	0.00E+00	2.04E-03
244	CARTGRID	1	374200	3762000	NonCancerChronicDerived_Inh	1.69E-05	2.19E-04	2.62E-06	2.09E-05	7.42E-07	1.77E-05	8.34E-04	1.69E-05	2.26E-05	0.00E+00	7.41E-07	2.65E-03	0.00E+00	0.00E+00	2.65E-03
245	CARTGRID	1	374300	3762000	NonCancerChronicDerived_Inh	1.49E-05	1.96E-04	2.31E-06	1.88E-05	1.05E-06	1.60E-05	7.82E-04	1.49E-05	3.19E-05	0.00E+00	1.05E-06	3.71E-03	0.00E+00	0.00E+00	3.71E-03
246	CARTGRID	1	374400	3762000	NonCancerChronicDerived_Inh	1.39E-05	1.84E-04	2.16E-06	1.76E-05	9.65E-07	1.49E-05	7.40E-04	1.39E-05	2.93E-05	0.00E+00	9.64E-07	3.42E-03	0.00E+00	0.00E+00	3.42E-03
247	CARTGRID	1	374500	3762000	NonCancerChronicDerived_Inh	1.27E-05	1.62E-04	1.97E-06	1.55E-05	3.12E-07	1.30E-05	5.95E-04	1.27E-05	9.49E-06	0.00E+00	3.12E-07	1.24E-03	0.00E+00	0.00E+00	1.24E-03
248	CARTGRID	1	374600	3762000	NonCancerChronicDerived_Inh	1.08E-05	1.37E-04	1.67E-06	1.30E-05	1.54E-07	1.09E-05	4.91E-04	1.08E-05	4.61E-06	0.00E+00	1.53E-07	6.29E-04	0.00E+00	0.00E+00	6.29E-04
249	CARTGRID	1	374700	3762000	NonCancerChronicDerived_Inh	1.02E-05	1.29E-04	1.58E-06	1.23E-05	1.20E-07	1.03E-05	4.61E-04	1.02E-05	3.60E-06	0.00E+00	1.20E-07	4.90E-04	0.00E+00	0.00E+00	4.90E-04
250	CARTGRID	1	374800	3762000	NonCancerChronicDerived_Inh	1.03E-05	1.30E-04	1.59E-06	1.23E-05	1.12E-07	1.04E-05	4.63E-04	1.03E-05	3.35E-06	0.00E+00	1.11E-07	4.55E-04	0.00E+00	0.00E+00	4.63E-04
251	CARTGRID	1	374900	3762000	NonCancerChronicDerived_Inh	9.31E-06	1.18E-04	1.44E-06	1.12E-05	8.59E-08	9.40E-06	4.18E-04	9.31E-06	2.56E-06	0.00E+00	8.54E-08	3.53E-04	0.00E+00	0.00E+00	4.18E-04
252	CARTGRID	1	375000	3762000	NonCancerChronicDerived_Inh	9.09E-06	1.15E-04	1.41E-06	1.09E-05	8.03E-08	9.18E-06	4.08E-04	9.09E-06	2.39E-06	0.00E+00	7.98E-08	3.31E-04	0.00E+00	0.00E+00	4.08E-04
253	CARTGRID	1	371500	3762100	NonCancerChronicDerived_Inh	1.70E-05	2.15E-04	2.64E-06	2.05E-05	1.71E-07	1.72E-05	7.68E-04	1.70E-05	4.98E-06	0.00E+00	1.70E-07	6.82E-04	0.00E+00	0.00E+00	7.68E-04
254	CARTGRID	1	371600	3762100	NonCancerChronicDerived_Inh	1.78E-05	2.25E-04	2.76E-06	2.14E-05	1.78E-07	1.80E-05	8.01E-04	1.78E-05	5.20E-06	0.00E+00	1.77E-07	7.14E-04	0.00E+00	0.00E+00	8.01E-04
255	CARTGRID	1	371700	3762100	NonCancerChronicDerived_Inh	1.86E-05	2.36E-04	2.89E-06	2.24E-05	1.88E-07	1.88E-05	8.41E-04	1.86E-05	5.52E-06	0.00E+00	1.87E-07	7.58E-04	0.00E+00	0.00E+00	8.41E-04
256	CARTGRID	1	371800	3762100	NonCancerChronicDerived_Inh	1.99E-05	2.52E-04	3.09E-06	2.40E-05	2.05E-07	2.01E-05	8.98E-04	1.99E-05	6.07E-06	0.00E+00	2.04E-07	8.33E-04	0.00E+00	0.00E+00	8.98E-04
257	CARTGRID	1	371900	3762100	NonCancerChronicDerived_Inh	2.03E-05	2.57E-04	3.15E-06	2.45E-05	2.09E-07	2.05E-05	9.17E-04	2.03E-05	6.20E-06	0.00E+00	2.08E-07	8.51E-04	0.00E+00	0.00E+00	9.17E-04
258	CARTGRID	1	372000	3762100	NonCancerChronicDerived_Inh	2.07E-05	2.61E-04	3.20E-06	2.49E-05	2.12E-07	2.09E-05	9.32E-04	2.07E-05	6.31E-06	0.00E+00	2.11E-07	8.69E-04	0.00E+00	0.00E+00	9.32E-04
259	CARTGRID	1	372100	3762100	NonCancerChronicDerived_Inh	2.12E-05	2.68E-04	3.28E-06	2.55E-05	2.21E-07	2.14E-05	9.56E-04	2.12E-05	6.60E-06	0.00E+00	2.19E-07	9.09E-04	0.00E+00	0.00E+00	9.56E-04
260	CARTGRID	1	372200	3762100	NonCancerChronicDerived_Inh	2.14E-05	2.71E-04	3.32E-06	2.58E-05	2.26E-07	2.16E-05	9.67E-04	2.14E-05	6.81E-06	0.00E+00	2.25E-07	9.40E-04	0.00E+00	0.00E+00	9.67E-04
261	CARTGRID	1	372300	3762100	NonCancerChronicDerived_Inh	2.17E-05	2.75E-04	3.36E-06	2.61E-05	2.35E-07	2.19E-05	9.81E-04	2.17E-05	7.14E-06	0.00E+00	2.34E-07	9.87E-04	0.00E+00	0.00E+00	9.87E-04
262	CARTGRID	1	372400	3762100	NonCancerChronicDerived_Inh	2.26E-05	2.86E-04	3.51E-06	2.73E-05	2.52E-07	2.29E-05	1.02E-03	2.26E-05	7.79E-06	0.00E+00	2.51E-07	1.08E-03	0.00E+00	0.00E+00	1.08E-03
263	CARTGRID	1	372500	3762100	NonCancerChronicDerived_Inh	2.31E-05	2.92E-04	3.57E-06	2.78E-05	2.61E-07	2.33E-05	1.04E-03	2.31E-05	8.16E-06	0.00E+00	2.59E-07	1.13E-03	0.00E+00	0.00E+00	1.13E-03
264	CARTGRID	1	372600	3762100	NonCancerChronicDerived_Inh	2.33E-05	2.95E-04	3.61E-06	2.81E-05	2.65E-07	2.36E-05	1.05E-03	2.33E-05	8.41E-06	0.00E+00	2.64E-07	1.17E-03	0.00E+00	0.00E+00	1.17E-03
265	CARTGRID	1	372700	3762100	NonCancerChronicDerived_Inh	2.33E-05	2.95E-04	3.61E-06	2.81E-05	2.64E-07	2.36E-05	1.05E-03	2.33E-05	8.49E-06	0.00E+00	2.63E-07	1.19E-03	0.00E+00	0.00E+00	1.19E-03
266	CARTGRID	1	372800	3762100	NonCancerChronicDerived_Inh	2.42E-05	3.07E-04	3.76E-06	2.92E-05	2.74E-07	2.45E-05	1.09E-03	2.42E-05	8.96E-06	0.00E+00	2.73E-07	1.26E-03	0.00E+00	0.00E+00	1.26E-03
267	CARTGRID	1	372900	3762100	NonCancerChronicDerived_Inh	2.53E-05	3.21E-04	3.92E-06	3.05E-05	2.87E-07	2.56E-05	1.14E-03	2.53E-05	9.51E-06	0.00E+00	2.86E-07	1.34E-03	0.00E+00	0.00E+00	1.34E-03
268	CARTGRID	1	373000	3762100	NonCancerChronicDerived_Inh	2.65E-05	3.36E-04	4.11E-06	3.19E-05	3.02E-07	2.68E-05	1.20E-03	2.65E-05	1.01E-05	0.00E+00	3.01E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
269	CARTGRID	1	373100	3762100	NonCancerChronicDerived_Inh	2.72E-05	3.44E-04	4.21E-06	3.28E-05	3.16E-07	2.75E-05	1.23E-03	2.72E-05	1.06E-05	0.00E+00	3.15E-07	1.50E-03	0.00E+00	0.00E+00	1.50E-03
270	CARTGRID	1	373200	3762100	NonCancerChronicDerived_Inh	2.70E-05	3.43E-04	4.19E-06	3.26E-05	3.29E-07	2.74E-05	1.22E-03	2.70E-05	1.12E-05	0.00E+00	3.27E-07	1.57E-03	0.00E+00	0.00E+00	1.57E-03
271	CARTGRID	1	373300	3762100	NonCancerChronicDerived_Inh	2.69E-05	3.42E-04	4.18E-06	3.25E-05	3.48E-07	2.73E-05	1.22E-03	2.69E-05	1.19E-05	0.00E+00	3.46E-07	1.68E-03	0.00E+00	0.00E+00	1.68E-03
272	CARTGRID	1	373400	3762100	NonCancerChronicDerived_Inh	2.62E-05	3.33E-04	4.06E-06	3.17E-05	3.68E-07	2.66E-05	1.19E-03	2.62E-05	1.29E-05	0.00E+00	3.67E-07	1.83E-03	0.00E+00	0.00E+00	1.83E-03
273	CARTGRID	1	373500	3762100	NonCancerChronicDerived_Inh	2.47E-05	3.14E-04	3.83E-06	2.99E-05	3.91E-07	2.51E-05	1.13E-03	2.47E-05	1.43E-05	0.00E+00	3.90E-07	2.07E-03	0.00E+00	0.00E+00	2.07E-03
274	CARTGRID	1	373600	3762100	NonCancerChronicDerived_Inh	2.21E-05	2.81E-04	3.42E-06	2.68E-05	4.19E-07	2.25E-05	1.02E-03	2.21E-05	1.47E-05	0.00E+00	4.18E-07	2.03E-03	0.00E+00	0.00E+00	2.03E-03
275	CARTGRID	1	373700	3762100	NonCancerChronicDerived_Inh	1.93E-05	2.47E-04	2.99E-06	2.36E-05	5.64E-07	1.98E-05	9.15E-04	1.93E-05	1.79E-05	0.00E+00	5.63E-07	2.22E-03	0.00E+00	0.00E+00	2.22E-03
276	CARTGRID	1	373800	3762100	NonCancerChronicDerived_Inh	1.88E-05	2.42E-04	2.92E-06	2.31E-05	6.49E-07	1.95E-05	9.07E-04	1.88E-05	2.02E-05	0.00E+00	6.48E-07	2.43E-03	0.00E+00	0.00E+00	2.43E-03
277	CARTGRID	1	373900	3762100	NonCancerChronicDerived_Inh	2.07E-05	2.65E-04	3.21E-06	2.53E-05	5.68E-07	2.13E-05	9.76E-04	2.07E-05	1.75E-05	0.00E+00	5.67E-07	2.12E-03	0.00E+00	0.00E+00	2.12E-03
278	CARTGRID	1	374000	3762100	NonCancerChronicDerived_Inh	2.07E-05	2.65E-04	3.21E-06	2.53E-05	5.92E-07	2.13E-05	9.79E-04	2.07E-05	1.81E-05	0.00E+00	5.91E-07	2.16E-03	0.00E+00	0.00E+00	2.16E-03
279	CARTGRID	1	374100	3762100	NonCancerChronicDerived_Inh	2.03E-05	2.61E-04	3.15E-06	2.49E-05	6.75E-07	2.10E-05	9.72E-04	2.03E-05	2.05E-05	0.00E+00	6.74E-07	2.43E-03	0.00E+00	0.00E+00	2.43E-03
280	CARTGRID	1	374200	3762100	NonCancerChronicDerived_Inh	1.90E-05	2.46E-04	2.94E-06	2.36E-05	9.16E-07	1.99E-05	9.44E-04	1.90E-05	2.79E-05	0.00E+00	9.15E-07	3.24E-03	0.00E+00	0.00E+00	3.24E-03
281	CARTGRID	1	374300	3762100	NonCancerChronicDerived_Inh	1.62E-05	2.21E-04	2.52E-06	2.13E-05	1.89E-06	1.81E-05	9.55E-04	1.62E-05	5.74E-05	0.00E+00	1.89E-06	6.50E-03	0.00E+00	0.00E+00	6.50E-03
282	CARTGRID	1	374400	3762100	NonCancerChronicDerived_Inh	1.52E-05	2.14E-04	2.35E-06	2.08E-05	2.63E-06	1.78E-05	1.00E-03	1.52E-05	7.96E-05	0.00E+00	2.63E-06	8.93E-03	0.00E+00	0.00E+00	8.93E-03
283	CARTGRID	1	374500	3762100	NonCancerChronicDerived_Inh	1.38E-05	1.78E-04	2.14E-06	1.70E-05	5.44E-07	1.43E-05	6.71E-04	1.38E-05	1.65E-05	0.00E+00	5.43E-07	1.95E-03	0.00E+00	0.00E+00	1.95E-03
284	CARTGRID	1	374600	3762100	NonCancerChronicDerived_Inh	1.19E-05	1.52E-04	1.85E-06	1.45E-05	2.17E-07	1.22E-05	5.50E-04	1.19E-05	6.56E-06	0.00E+00	2.17E-07	8.37E-04	0.00E+00	0.00E+00	8.37E-04
285	CARTGRID	1	374700	3762100	NonCancerChronicDerived_Inh	1.09E-05	1.38E-04	1.68E-06	1.31E-05	1.49E-07	1.10E-05	4.94E-04	1.09E-05	4.47E-06	0.00E+00	1.48E-07	5.95E-04	0.00E+00	0.00E+00	5.95E-04
286	CARTGRID	1	374800	3762100	NonCancerChronicDerived_Inh	1.08E-05	1.37E-04	1.67E-06	1.30E-05	1.28E-07	1.09E-05	4.88E-04	1.08E-05	3.84E-06	0.00E+00	1.27E-07	5.17E-04	0.00E+00	0.00E+00	5.17E-04
287	CARTGRID	1	374900	3762100	NonCancerChronicDerived_Inh	9.58E-06	1.21E-04	1.48E-06	1.15E-05	9.73E-08	9.67E-06	4.31E-04	9.57E-06	2.90E-06	0.00E+00	9.68E-08	3.98E-04	0.00E+00	0.00E+00	4.31E-04
288	CARTGRID	1	375000	3762100	NonCancerChronicDerived_Inh	9.24E-06	1.17E-04	1.43E-06	1.11E-05	8.73E-08	9.33E-06	4.15E-04	9.24E-06	2.61E-06	0.00E+00	8.68E-08	3.59E-04	0.00E+00	0.00E+00	4.15E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
289	CARTGRID	1	371500	3762200	NonCancerChronicDerived_Inh	1.78E-05	2.25E-04	2.76E-06	2.14E-05	1.76E-07	1.80E-05	8.02E-04	1.78E-05	5.16E-06	0.00E+00	1.75E-07	7.07E-04	0.00E+00	0.00E+00	8.02E-04
290	CARTGRID	1	371600	3762200	NonCancerChronicDerived_Inh	1.87E-05	2.37E-04	2.90E-06	2.25E-05	1.85E-07	1.89E-05	8.44E-04	1.87E-05	5.42E-06	0.00E+00	1.84E-07	7.43E-04	0.00E+00	0.00E+00	8.44E-04
291	CARTGRID	1	371700	3762200	NonCancerChronicDerived_Inh	1.97E-05	2.49E-04	3.05E-06	2.37E-05	1.95E-07	1.99E-05	8.87E-04	1.97E-05	5.73E-06	0.00E+00	1.94E-07	7.86E-04	0.00E+00	0.00E+00	8.87E-04
292	CARTGRID	1	371800	3762200	NonCancerChronicDerived_Inh	2.12E-05	2.68E-04	3.29E-06	2.55E-05	2.15E-07	2.14E-05	9.56E-04	2.12E-05	6.38E-06	0.00E+00	2.14E-07	8.74E-04	0.00E+00	0.00E+00	9.56E-04
293	CARTGRID	1	371900	3762200	NonCancerChronicDerived_Inh	2.19E-05	2.77E-04	3.40E-06	2.64E-05	2.22E-07	2.21E-05	9.88E-04	2.19E-05	6.59E-06	0.00E+00	2.20E-07	9.05E-04	0.00E+00	0.00E+00	9.88E-04
294	CARTGRID	1	372000	3762200	NonCancerChronicDerived_Inh	2.23E-05	2.83E-04	3.46E-06	2.69E-05	2.25E-07	2.26E-05	1.01E-03	2.23E-05	6.70E-06	0.00E+00	2.24E-07	9.22E-04	0.00E+00	0.00E+00	1.01E-03
295	CARTGRID	1	372100	3762200	NonCancerChronicDerived_Inh	2.33E-05	2.95E-04	3.62E-06	2.81E-05	2.39E-07	2.36E-05	1.05E-03	2.33E-05	7.18E-06	0.00E+00	2.38E-07	9.90E-04	0.00E+00	0.00E+00	1.05E-03
296	CARTGRID	1	372200	3762200	NonCancerChronicDerived_Inh	2.37E-05	3.00E-04	3.67E-06	2.85E-05	2.46E-07	2.40E-05	1.07E-03	2.37E-05	7.42E-06	0.00E+00	2.45E-07	1.02E-03	0.00E+00	0.00E+00	1.07E-03
297	CARTGRID	1	372300	3762200	NonCancerChronicDerived_Inh	2.40E-05	3.03E-04	3.72E-06	2.89E-05	2.54E-07	2.42E-05	1.08E-03	2.40E-05	7.72E-06	0.00E+00	2.53E-07	1.07E-03	0.00E+00	0.00E+00	1.08E-03
298	CARTGRID	1	372400	3762200	NonCancerChronicDerived_Inh	2.42E-05	3.06E-04	3.75E-06	2.91E-05	2.62E-07	2.44E-05	1.09E-03	2.42E-05	8.03E-06	0.00E+00	2.60E-07	1.11E-03	0.00E+00	0.00E+00	1.11E-03
299	CARTGRID	1	372500	3762200	NonCancerChronicDerived_Inh	2.51E-05	3.18E-04	3.89E-06	3.02E-05	2.79E-07	2.54E-05	1.13E-03	2.51E-05	8.69E-06	0.00E+00	2.77E-07	1.21E-03	0.00E+00	0.00E+00	1.21E-03
300	CARTGRID	1	372600	3762200	NonCancerChronicDerived_Inh	2.62E-05	3.32E-04	4.06E-06	3.16E-05	2.94E-07	2.65E-05	1.18E-03	2.62E-05	9.33E-06	0.00E+00	2.93E-07	1.30E-03	0.00E+00	0.00E+00	1.30E-03
301	CARTGRID	1	372700	3762200	NonCancerChronicDerived_Inh	2.69E-05	3.41E-04	4.17E-06	3.24E-05	3.01E-07	2.72E-05	1.22E-03	2.69E-05	9.71E-06	0.00E+00	3.00E-07	1.36E-03	0.00E+00	0.00E+00	1.36E-03
302	CARTGRID	1	372800	3762200	NonCancerChronicDerived_Inh	2.82E-05	3.57E-04	4.37E-06	3.40E-05	3.13E-07	2.85E-05	1.27E-03	2.82E-05	1.03E-05	0.00E+00	3.11E-07	1.44E-03	0.00E+00	0.00E+00	1.44E-03
303	CARTGRID	1	372900	3762200	NonCancerChronicDerived_Inh	2.91E-05	3.69E-04	4.51E-06	3.51E-05	3.20E-07	2.95E-05	1.31E-03	2.91E-05	1.06E-05	0.00E+00	3.18E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
304	CARTGRID	1	373000	3762200	NonCancerChronicDerived_Inh	3.08E-05	3.90E-04	4.77E-06	3.71E-05	3.35E-07	3.11E-05	1.39E-03	3.08E-05	1.12E-05	0.00E+00	3.33E-07	1.60E-03	0.00E+00	0.00E+00	1.60E-03
305	CARTGRID	1	373100	3762200	NonCancerChronicDerived_Inh	3.21E-05	4.06E-04	4.98E-06	3.87E-05	3.50E-07	3.25E-05	1.45E-03	3.21E-05	1.18E-05	0.00E+00	3.48E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03
306	CARTGRID	1	373200	3762200	NonCancerChronicDerived_Inh	3.25E-05	4.11E-04	5.03E-06	3.91E-05	3.66E-07	3.29E-05	1.46E-03	3.25E-05	1.24E-05	0.00E+00	3.65E-07	1.75E-03	0.00E+00	0.00E+00	1.75E-03
307	CARTGRID	1	373300	3762200	NonCancerChronicDerived_Inh	3.26E-05	4.14E-04	5.06E-06	3.93E-05	3.89E-07	3.30E-05	1.47E-03	3.26E-05	1.32E-05	0.00E+00	3.87E-07	1.85E-03	0.00E+00	0.00E+00	1.85E-03
308	CARTGRID	1	373400	3762200	NonCancerChronicDerived_Inh	3.20E-05	4.06E-04	4.96E-06	3.86E-05	4.15E-07	3.24E-05	1.45E-03	3.20E-05	1.42E-05	0.00E+00	4.13E-07	2.00E-03	0.00E+00	0.00E+00	2.00E-03
309	CARTGRID	1	373500	3762200	NonCancerChronicDerived_Inh	3.02E-05	3.83E-04	4.68E-06	3.64E-05	4.44E-07	3.06E-05	1.37E-03	3.02E-05	1.62E-05	0.00E+00	4.42E-07	2.35E-03	0.00E+00	0.00E+00	2.35E-03
310	CARTGRID	1	373600	3762200	NonCancerChronicDerived_Inh	2.70E-05	3.45E-04	4.19E-06	3.27E-05	4.74E-07	2.75E-05	1.24E-03	2.70E-05	2.26E-05	0.00E+00	4.72E-07	3.74E-03	0.00E+00	0.00E+00	3.74E-03
311	CARTGRID	1	373700	3762200	NonCancerChronicDerived_Inh	2.24E-05	2.87E-04	3.48E-06	2.73E-05	5.25E-07	2.30E-05	1.05E-03	2.24E-05	1.78E-05	0.00E+00	5.24E-07	2.36E-03	0.00E+00	0.00E+00	2.36E-03
312	CARTGRID	1	373800	3762200	NonCancerChronicDerived_Inh	2.40E-05	3.08E-04	3.73E-06	2.93E-05	6.38E-07	2.47E-05	1.13E-03	2.40E-05	2.02E-05	0.00E+00	6.36E-07	2.51E-03	0.00E+00	0.00E+00	2.51E-03
313	CARTGRID	1	373900	3762200	NonCancerChronicDerived_Inh	2.28E-05	2.92E-04	3.53E-06	2.79E-05	7.36E-07	2.35E-05	1.09E-03	2.28E-05	2.30E-05	0.00E+00	7.34E-07	2.79E-03	0.00E+00	0.00E+00	2.79E-03
314	CARTGRID	1	374000	3762200	NonCancerChronicDerived_Inh	2.35E-05	3.02E-04	3.65E-06	2.89E-05	7.87E-07	2.43E-05	1.13E-03	2.35E-05	2.41E-05	0.00E+00	7.86E-07	2.85E-03	0.00E+00	0.00E+00	2.85E-03
315	CARTGRID	1	374100	3762200	NonCancerChronicDerived_Inh	2.30E-05	2.97E-04	3.57E-06	2.83E-05	8.22E-07	2.39E-05	1.11E-03	2.30E-05	2.50E-05	0.00E+00	8.21E-07	2.95E-03	0.00E+00	0.00E+00	2.95E-03
316	CARTGRID	1	374200	3762200	NonCancerChronicDerived_Inh	2.09E-05	2.74E-04	3.24E-06	2.62E-05	1.30E-06	2.22E-05	1.07E-03	2.09E-05	3.96E-05	0.00E+00	1.30E-06	4.55E-03	0.00E+00	0.00E+00	4.55E-03
317	CARTGRID	1	374300	3762200	NonCancerChronicDerived_Inh	1.81E-05	2.46E-04	2.80E-06	2.38E-05	2.22E-06	2.03E-05	1.07E-03	1.81E-05	6.74E-05	0.00E+00	2.22E-06	7.60E-03	0.00E+00	0.00E+00	7.60E-03
318	CARTGRID	1	374400	3762200	NonCancerChronicDerived_Inh	1.66E-05	2.26E-04	2.57E-06	2.18E-05	2.05E-06	1.86E-05	9.83E-04	1.66E-05	6.23E-05	0.00E+00	2.05E-06	7.02E-03	0.00E+00	0.00E+00	7.02E-03
319	CARTGRID	1	374500	3762200	NonCancerChronicDerived_Inh	1.48E-05	1.91E-04	2.29E-06	1.83E-05	6.22E-07	1.54E-05	7.27E-04	1.48E-05	1.89E-05	0.00E+00	6.21E-07	2.20E-03	0.00E+00	0.00E+00	2.20E-03
320	CARTGRID	1	374600	3762200	NonCancerChronicDerived_Inh	1.30E-05	1.67E-04	2.02E-06	1.59E-05	3.22E-07	1.34E-05	6.11E-04	1.30E-05	9.75E-06	0.00E+00	3.22E-07	1.18E-03	0.00E+00	0.00E+00	1.18E-03
321	CARTGRID	1	374700	3762200	NonCancerChronicDerived_Inh	1.11E-05	1.42E-04	1.73E-06	1.35E-05	1.98E-07	1.13E-05	5.12E-04	1.11E-05	5.95E-06	0.00E+00	1.97E-07	7.49E-04	0.00E+00	0.00E+00	7.49E-04
322	CARTGRID	1	374800	3762200	NonCancerChronicDerived_Inh	1.06E-05	1.34E-04	1.64E-06	1.28E-05	1.49E-07	1.07E-05	4.82E-04	1.06E-05	4.48E-06	0.00E+00	1.48E-07	5.83E-04	0.00E+00	0.00E+00	5.83E-04
323	CARTGRID	1	374900	3762200	NonCancerChronicDerived_Inh	9.91E-06	1.25E-04	1.54E-06	1.19E-05	1.20E-07	1.00E-05	4.48E-04	9.91E-06	3.60E-06	0.00E+00	1.19E-07	4.79E-04	0.00E+00	0.00E+00	4.79E-04
324	CARTGRID	1	375000	3762200	NonCancerChronicDerived_Inh	9.39E-06	1.19E-04	1.46E-06	1.13E-05	1.04E-07	9.50E-06	4.24E-04	9.39E-06	3.12E-06	0.00E+00	1.03E-07	4.19E-04	0.00E+00	0.00E+00	4.24E-04
325	CARTGRID	1	371500	3762300	NonCancerChronicDerived_Inh	1.85E-05	2.34E-04	2.87E-06	2.23E-05	1.82E-07	1.87E-05	8.35E-04	1.85E-05	5.34E-06	0.00E+00	1.81E-07	7.31E-04	0.00E+00	0.00E+00	8.35E-04
326	CARTGRID	1	371600	3762300	NonCancerChronicDerived_Inh	1.96E-05	2.48E-04	3.04E-06	2.36E-05	1.91E-07	1.98E-05	8.84E-04	1.96E-05	5.62E-06	0.00E+00	1.90E-07	7.70E-04	0.00E+00	0.00E+00	8.84E-04
327	CARTGRID	1	371700	3762300	NonCancerChronicDerived_Inh	2.08E-05	2.63E-04	3.23E-06	2.50E-05	2.03E-07	2.10E-05	9.37E-04	2.08E-05	5.97E-06	0.00E+00	2.01E-07	8.19E-04	0.00E+00	0.00E+00	9.37E-04
328	CARTGRID	1	371800	3762300	NonCancerChronicDerived_Inh	2.20E-05	2.78E-04	3.41E-06	2.64E-05	2.14E-07	2.22E-05	9.89E-04	2.20E-05	6.34E-06	0.00E+00	2.13E-07	8.70E-04	0.00E+00	0.00E+00	9.89E-04
329	CARTGRID	1	371900	3762300	NonCancerChronicDerived_Inh	2.34E-05	2.97E-04	3.64E-06	2.82E-05	2.32E-07	2.37E-05	1.06E-03	2.34E-05	6.92E-06	0.00E+00	2.31E-07	9.50E-04	0.00E+00	0.00E+00	1.06E-03
330	CARTGRID	1	372000	3762300	NonCancerChronicDerived_Inh	2.43E-05	3.07E-04	3.76E-06	2.92E-05	2.40E-07	2.45E-05	1.09E-03	2.43E-05	7.15E-06	0.00E+00	2.38E-07	9.84E-04	0.00E+00	0.00E+00	1.09E-03
331	CARTGRID	1	372100	3762300	NonCancerChronicDerived_Inh	2.57E-05	3.25E-04	3.99E-06	3.09E-05	2.58E-07	2.60E-05	1.16E-03	2.57E-05	7.77E-06	0.00E+00	2.57E-07	1.07E-03	0.00E+00	0.00E+00	1.16E-03
332	CARTGRID	1	372200	3762300	NonCancerChronicDerived_Inh	2.66E-05	3.37E-04	4.12E-06	3.20E-05	2.71E-07	2.69E-05	1.20E-03	2.66E-05	8.20E-06	0.00E+00	2.69E-07	1.13E-03	0.00E+00	0.00E+00	1.20E-03
333	CARTGRID	1	372300	3762300	NonCancerChronicDerived_Inh	2.71E-05	3.43E-04	4.20E-06	3.27E-05	2.81E-07	2.74E-05	1.22E-03	2.71E-05	8.57E-06	0.00E+00	2.80E-07	1.18E-03	0.00E+00	0.00E+00	1.22E-03
334	CARTGRID	1	372400	3762300	NonCancerChronicDerived_Inh	2.70E-05	3.42E-04	4.19E-06	3.26E-05	2.86E-07	2.73E-05	1.22E-03	2.70E-05	8.77E-06	0.00E+00	2.84E-07	1.21E-03	0.00E+00	0.00E+00	1.22E-03
335	CARTGRID	1	372500	3762300	NonCancerChronicDerived_Inh	2.79E-05	3.53E-04	4.33E-06	3.36E-05	3.03E-07	2.82E-05	1.26E-03	2.79E-05	9.44E-06	0.00E+00	3.02E-07	1.31E-03	0.00E+00	0.00E+00	1.31E-03
336	CARTGRID	1	372600	3762300	NonCancerChronicDerived_Inh	2.81E-05	3.55E-04	4.35E-06	3.38E-05	3.08E-07	2.84E-05	1.27E-03	2.81E-05	9.71E-06	0.00E+00	3.06E-07	1.35E-03	0.00E+00	0.00E+00	1.35E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
337	CARTGRID	1	372700	3762300	NonCancerChronicDerived_Inh	3.07E-05	3.89E-04	4.76E-06	3.70E-05	3.38E-07	3.11E-05	1.39E-03	3.07E-05	1.09E-05	0.00E+00	3.37E-07	1.52E-03	0.00E+00	0.00E+00	1.52E-03
338	CARTGRID	1	372800	3762300	NonCancerChronicDerived_Inh	3.24E-05	4.10E-04	5.02E-06	3.90E-05	3.52E-07	3.28E-05	1.46E-03	3.24E-05	1.15E-05	0.00E+00	3.50E-07	1.62E-03	0.00E+00	0.00E+00	1.62E-03
339	CARTGRID	1	372900	3762300	NonCancerChronicDerived_Inh	3.38E-05	4.27E-04	5.23E-06	4.06E-05	3.60E-07	3.41E-05	1.52E-03	3.37E-05	1.19E-05	0.00E+00	3.58E-07	1.69E-03	0.00E+00	0.00E+00	1.69E-03
340	CARTGRID	1	373000	3762300	NonCancerChronicDerived_Inh	3.56E-05	4.51E-04	5.52E-06	4.29E-05	3.71E-07	3.60E-05	1.60E-03	3.56E-05	1.24E-05	0.00E+00	3.69E-07	1.77E-03	0.00E+00	0.00E+00	1.77E-03
341	CARTGRID	1	373100	3762300	NonCancerChronicDerived_Inh	3.76E-05	4.76E-04	5.83E-06	4.53E-05	3.81E-07	3.80E-05	1.69E-03	3.76E-05	1.27E-05	0.00E+00	3.79E-07	1.80E-03	0.00E+00	0.00E+00	1.80E-03
342	CARTGRID	1	373200	3762300	NonCancerChronicDerived_Inh	3.87E-05	4.89E-04	5.99E-06	4.65E-05	3.99E-07	3.91E-05	1.74E-03	3.87E-05	1.33E-05	0.00E+00	3.96E-07	1.88E-03	0.00E+00	0.00E+00	1.88E-03
343	CARTGRID	1	373300	3762300	NonCancerChronicDerived_Inh	3.91E-05	4.95E-04	6.06E-06	4.71E-05	4.22E-07	3.95E-05	1.76E-03	3.91E-05	1.40E-05	0.00E+00	4.20E-07	1.95E-03	0.00E+00	0.00E+00	1.95E-03
344	CARTGRID	1	373400	3762300	NonCancerChronicDerived_Inh	3.86E-05	4.89E-04	5.98E-06	4.65E-05	4.56E-07	3.90E-05	1.74E-03	3.86E-05	1.50E-05	0.00E+00	4.54E-07	2.06E-03	0.00E+00	0.00E+00	2.06E-03
345	CARTGRID	1	373500	3762300	NonCancerChronicDerived_Inh	3.57E-05	4.53E-04	5.54E-06	4.31E-05	5.02E-07	3.62E-05	1.62E-03	3.57E-05	1.75E-05	0.00E+00	5.00E-07	2.47E-03	0.00E+00	0.00E+00	2.47E-03
346	CARTGRID	1	373600	3762300	NonCancerChronicDerived_Inh	3.07E-05	3.91E-04	4.76E-06	3.72E-05	5.15E-07	3.12E-05	1.41E-03	3.07E-05	1.92E-05	0.00E+00	5.14E-07	2.77E-03	0.00E+00	0.00E+00	2.77E-03
347	CARTGRID	1	373700	3762300	NonCancerChronicDerived_Inh	2.71E-05	3.47E-04	4.19E-06	3.29E-05	5.73E-07	2.76E-05	1.25E-03	2.71E-05	2.76E-05	0.00E+00	5.71E-07	4.55E-03	0.00E+00	0.00E+00	4.55E-03
348	CARTGRID	1	373800	3762300	NonCancerChronicDerived_Inh	2.86E-05	3.68E-04	4.44E-06	3.50E-05	8.42E-07	2.95E-05	1.36E-03	2.86E-05	2.83E-05	0.00E+00	8.41E-07	3.69E-03	0.00E+00	0.00E+00	3.69E-03
349	CARTGRID	1	373900	3762300	NonCancerChronicDerived_Inh	2.77E-05	3.56E-04	4.29E-06	3.40E-05	9.46E-07	2.86E-05	1.33E-03	2.77E-05	3.00E-05	0.00E+00	9.44E-07	3.68E-03	0.00E+00	0.00E+00	3.68E-03
350	CARTGRID	1	374000	3762300	NonCancerChronicDerived_Inh	2.68E-05	3.55E-04	4.16E-06	3.41E-05	2.04E-06	2.89E-05	1.43E-03	2.68E-05	6.23E-05	0.00E+00	2.04E-06	7.11E-03	0.00E+00	0.00E+00	7.11E-03
351	CARTGRID	1	374100	3762300	NonCancerChronicDerived_Inh	2.66E-05	3.56E-04	4.13E-06	3.42E-05	2.36E-06	2.90E-05	1.46E-03	2.66E-05	7.18E-05	0.00E+00	2.36E-06	8.15E-03	0.00E+00	0.00E+00	8.15E-03
352	CARTGRID	1	374200	3762300	NonCancerChronicDerived_Inh	2.27E-05	3.05E-04	3.51E-06	2.93E-05	2.25E-06	2.49E-05	1.27E-03	2.27E-05	6.86E-05	0.00E+00	2.25E-06	7.78E-03	0.00E+00	0.00E+00	7.78E-03
353	CARTGRID	1	374300	3762300	NonCancerChronicDerived_Inh	2.05E-05	3.13E-04	3.18E-06	3.08E-05	6.30E-06	2.68E-05	1.65E-03	2.05E-05	1.91E-04	0.00E+00	6.30E-06	2.12E-02	0.00E+00	0.00E+00	2.12E-02
354	CARTGRID	1	374400	3762300	NonCancerChronicDerived_Inh	1.81E-05	2.71E-04	2.80E-06	2.65E-05	4.91E-06	2.30E-05	1.40E-03	1.81E-05	1.49E-04	0.00E+00	4.91E-06	1.66E-02	0.00E+00	0.00E+00	1.66E-02
355	CARTGRID	1	374500	3762300	NonCancerChronicDerived_Inh	1.54E-05	2.00E-04	2.39E-06	1.92E-05	7.51E-07	1.62E-05	7.68E-04	1.54E-05	2.28E-05	0.00E+00	7.50E-07	2.63E-03	0.00E+00	0.00E+00	2.63E-03
356	CARTGRID	1	374600	3762300	NonCancerChronicDerived_Inh	1.22E-05	1.57E-04	1.90E-06	1.50E-05	3.75E-07	1.26E-05	5.82E-04	1.22E-05	1.13E-05	0.00E+00	3.75E-07	1.34E-03	0.00E+00	0.00E+00	1.34E-03
357	CARTGRID	1	374700	3762300	NonCancerChronicDerived_Inh	1.16E-05	1.48E-04	1.80E-06	1.41E-05	2.63E-07	1.19E-05	5.40E-04	1.16E-05	7.94E-06	0.00E+00	2.62E-07	9.67E-04	0.00E+00	0.00E+00	9.67E-04
358	CARTGRID	1	374800	3762300	NonCancerChronicDerived_Inh	1.03E-05	1.31E-04	1.60E-06	1.25E-05	1.89E-07	1.05E-05	4.76E-04	1.03E-05	5.71E-06	0.00E+00	1.89E-07	7.12E-04	0.00E+00	0.00E+00	7.12E-04
359	CARTGRID	1	374900	3762300	NonCancerChronicDerived_Inh	9.82E-06	1.25E-04	1.52E-06	1.19E-05	1.51E-07	9.97E-06	4.48E-04	9.82E-06	4.54E-06	0.00E+00	1.50E-07	5.80E-04	0.00E+00	0.00E+00	5.80E-04
360	CARTGRID	1	375000	3762300	NonCancerChronicDerived_Inh	9.15E-06	1.16E-04	1.42E-06	1.10E-05	1.27E-07	9.28E-06	4.16E-04	9.15E-06	3.82E-06	0.00E+00	1.26E-07	4.96E-04	0.00E+00	0.00E+00	4.96E-04
361	CARTGRID	1	371500	3762400	NonCancerChronicDerived_Inh	1.92E-05	2.43E-04	2.98E-06	2.31E-05	1.88E-07	1.94E-05	8.65E-04	1.92E-05	5.53E-06	0.00E+00	1.87E-07	7.56E-04	0.00E+00	0.00E+00	8.65E-04
362	CARTGRID	1	371600	3762400	NonCancerChronicDerived_Inh	2.05E-05	2.59E-04	3.18E-06	2.47E-05	1.98E-07	2.07E-05	9.23E-04	2.05E-05	5.83E-06	0.00E+00	1.97E-07	7.99E-04	0.00E+00	0.00E+00	9.23E-04
363	CARTGRID	1	371700	3762400	NonCancerChronicDerived_Inh	2.20E-05	2.79E-04	3.42E-06	2.65E-05	2.13E-07	2.23E-05	9.92E-04	2.20E-05	6.29E-06	0.00E+00	2.12E-07	8.63E-04	0.00E+00	0.00E+00	9.92E-04
364	CARTGRID	1	371800	3762400	NonCancerChronicDerived_Inh	2.33E-05	2.95E-04	3.62E-06	2.81E-05	2.23E-07	2.36E-05	1.05E-03	2.33E-05	6.62E-06	0.00E+00	2.22E-07	9.09E-04	0.00E+00	0.00E+00	1.05E-03
365	CARTGRID	1	371900	3762400	NonCancerChronicDerived_Inh	2.50E-05	3.16E-04	3.87E-06	3.00E-05	2.41E-07	2.52E-05	1.12E-03	2.50E-05	7.17E-06	0.00E+00	2.39E-07	9.85E-04	0.00E+00	0.00E+00	1.12E-03
366	CARTGRID	1	372000	3762400	NonCancerChronicDerived_Inh	2.63E-05	3.33E-04	4.08E-06	3.17E-05	2.54E-07	2.66E-05	1.19E-03	2.63E-05	7.61E-06	0.00E+00	2.53E-07	1.05E-03	0.00E+00	0.00E+00	1.19E-03
367	CARTGRID	1	372100	3762400	NonCancerChronicDerived_Inh	2.77E-05	3.50E-04	4.29E-06	3.33E-05	2.69E-07	2.79E-05	1.24E-03	2.77E-05	8.08E-06	0.00E+00	2.67E-07	1.11E-03	0.00E+00	0.00E+00	1.24E-03
368	CARTGRID	1	372200	3762400	NonCancerChronicDerived_Inh	2.95E-05	3.74E-04	4.58E-06	3.56E-05	2.92E-07	2.98E-05	1.33E-03	2.95E-05	8.87E-06	0.00E+00	2.91E-07	1.22E-03	0.00E+00	0.00E+00	1.33E-03
369	CARTGRID	1	372300	3762400	NonCancerChronicDerived_Inh	3.10E-05	3.92E-04	4.80E-06	3.73E-05	3.12E-07	3.13E-05	1.39E-03	3.10E-05	9.54E-06	0.00E+00	3.10E-07	1.32E-03	0.00E+00	0.00E+00	1.39E-03
370	CARTGRID	1	372400	3762400	NonCancerChronicDerived_Inh	3.16E-05	4.00E-04	4.89E-06	3.80E-05	3.25E-07	3.19E-05	1.42E-03	3.16E-05	1.00E-05	0.00E+00	3.23E-07	1.38E-03	0.00E+00	0.00E+00	1.42E-03
371	CARTGRID	1	372500	3762400	NonCancerChronicDerived_Inh	3.30E-05	4.17E-04	5.11E-06	3.97E-05	3.48E-07	3.33E-05	1.49E-03	3.30E-05	1.09E-05	0.00E+00	3.46E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
372	CARTGRID	1	372600	3762400	NonCancerChronicDerived_Inh	3.15E-05	3.99E-04	4.88E-06	3.80E-05	3.38E-07	3.19E-05	1.42E-03	3.15E-05	1.06E-05	0.00E+00	3.36E-07	1.48E-03	0.00E+00	0.00E+00	1.48E-03
373	CARTGRID	1	372700	3762400	NonCancerChronicDerived_Inh	3.53E-05	4.47E-04	5.47E-06	4.25E-05	3.81E-07	3.57E-05	1.59E-03	3.53E-05	1.22E-05	0.00E+00	3.79E-07	1.70E-03	0.00E+00	0.00E+00	1.70E-03
374	CARTGRID	1	372800	3762400	NonCancerChronicDerived_Inh	3.72E-05	4.71E-04	5.76E-06	4.48E-05	3.96E-07	3.76E-05	1.68E-03	3.72E-05	1.28E-05	0.00E+00	3.94E-07	1.79E-03	0.00E+00	0.00E+00	1.79E-03
375	CARTGRID	1	372900	3762400	NonCancerChronicDerived_Inh	3.90E-05	4.94E-04	6.05E-06	4.70E-05	4.04E-07	3.95E-05	1.76E-03	3.90E-05	1.32E-05	0.00E+00	4.02E-07	1.87E-03	0.00E+00	0.00E+00	1.87E-03
376	CARTGRID	1	373000	3762400	NonCancerChronicDerived_Inh	4.12E-05	5.21E-04	6.39E-06	4.96E-05	4.11E-07	4.17E-05	1.85E-03	4.12E-05	1.36E-05	0.00E+00	4.08E-07	1.93E-03	0.00E+00	0.00E+00	1.93E-03
377	CARTGRID	1	373100	3762400	NonCancerChronicDerived_Inh	4.33E-05	5.48E-04	6.72E-06	5.21E-05	4.10E-07	4.38E-05	1.95E-03	4.33E-05	1.35E-05	0.00E+00	4.08E-07	1.92E-03	0.00E+00	0.00E+00	1.95E-03
378	CARTGRID	1	373200	3762400	NonCancerChronicDerived_Inh	4.51E-05	5.70E-04	6.99E-06	5.42E-05	4.20E-07	4.55E-05	2.02E-03	4.51E-05	1.39E-05	0.00E+00	4.17E-07	1.97E-03	0.00E+00	0.00E+00	2.02E-03
379	CARTGRID	1	373300	3762400	NonCancerChronicDerived_Inh	4.61E-05	5.83E-04	7.14E-06	5.54E-05	4.46E-07	4.65E-05	2.07E-03	4.61E-05	1.47E-05	0.00E+00	4.44E-07	2.06E-03	0.00E+00	0.00E+00	2.07E-03
380	CARTGRID	1	373400	3762400	NonCancerChronicDerived_Inh	4.59E-05	5.81E-04	7.12E-06	5.53E-05	4.86E-07	4.64E-05	2.07E-03	4.59E-05	1.58E-05	0.00E+00	4.83E-07	2.17E-03	0.00E+00	0.00E+00	2.17E-03
381	CARTGRID	1	373500	3762400	NonCancerChronicDerived_Inh	4.50E-05	5.70E-04	6.97E-06	5.42E-05	5.82E-07	4.55E-05	2.04E-03	4.49E-05	1.90E-05	0.00E+00	5.80E-07	2.56E-03	0.00E+00	0.00E+00	2.56E-03
382	CARTGRID	1	373600	3762400	NonCancerChronicDerived_Inh	3.81E-05	4.84E-04	5.90E-06	4.61E-05	6.33E-07	3.87E-05	1.74E-03	3.81E-05	2.08E-05	0.00E+00	6.31E-07	2.75E-03	0.00E+00	0.00E+00	2.75E-03
383	CARTGRID	1	373700	3762400	NonCancerChronicDerived_Inh	3.46E-05	4.41E-04	5.37E-06	4.20E-05	6.81E-07	3.53E-05	1.60E-03	3.46E-05	2.32E-05	0.00E+00	6.79E-07	3.12E-03	0.00E+00	0.00E+00	3.12E-03
384	CARTGRID	1	373800	3762400	NonCancerChronicDerived_Inh	3.50E-05	4.49E-04	5.43E-06	4.28E-05	1.05E-06	3.61E-05	1.66E-03	3.50E-05	3.38E-05	0.00E+00	1.05E-06	4.24E-03	0.00E+00	0.00E+00	4.24E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
385	CARTGRID	1	373900	3762400	NonCancerChronicDerived_Inh	3.34E-05	4.35E-04	5.18E-06	4.15E-05	1.64E-06	3.51E-05	1.67E-03	3.34E-05	5.13E-05	0.00E+00	1.64E-06	6.10E-03	0.00E+00	0.00E+00	6.10E-03
386	CARTGRID	1	374000	3762400	NonCancerChronicDerived_Inh	3.20E-05	4.15E-04	4.96E-06	3.97E-05	1.47E-06	3.35E-05	1.58E-03	3.20E-05	4.53E-05	0.00E+00	1.47E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03
387	CARTGRID	1	374100	3762400	NonCancerChronicDerived_Inh	3.04E-05	4.07E-04	4.71E-06	3.92E-05	2.90E-06	3.33E-05	1.70E-03	3.04E-05	8.86E-05	0.00E+00	2.90E-06	1.01E-02	0.00E+00	0.00E+00	1.01E-02
388	CARTGRID	1	374200	3762400	NonCancerChronicDerived_Inh	2.59E-05	3.51E-04	4.01E-06	3.39E-05	2.97E-06	2.89E-05	1.51E-03	2.59E-05	9.04E-05	0.00E+00	2.97E-06	1.02E-02	0.00E+00	0.00E+00	1.02E-02
389	CARTGRID	1	374300	3762400	NonCancerChronicDerived_Inh	2.24E-05	3.16E-04	3.47E-06	3.06E-05	3.93E-06	2.63E-05	1.46E-03	2.24E-05	1.19E-04	0.00E+00	3.93E-06	1.34E-02	0.00E+00	0.00E+00	1.34E-02
390	CARTGRID	1	374400	3762400	NonCancerChronicDerived_Inh	1.98E-05	2.78E-04	3.07E-06	2.69E-05	3.29E-06	2.31E-05	1.27E-03	1.98E-05	9.96E-05	0.00E+00	3.29E-06	1.12E-02	0.00E+00	0.00E+00	1.12E-02
391	CARTGRID	1	374500	3762400	NonCancerChronicDerived_Inh	1.56E-05	2.05E-04	2.42E-06	1.97E-05	1.04E-06	1.67E-05	8.09E-04	1.56E-05	3.14E-05	0.00E+00	1.04E-06	3.59E-03	0.00E+00	0.00E+00	3.59E-03
392	CARTGRID	1	374600	3762400	NonCancerChronicDerived_Inh	1.16E-05	1.50E-04	1.80E-06	1.43E-05	5.07E-07	1.21E-05	5.69E-04	1.16E-05	1.53E-05	0.00E+00	5.07E-07	1.78E-03	0.00E+00	0.00E+00	1.78E-03
393	CARTGRID	1	374700	3762400	NonCancerChronicDerived_Inh	1.10E-05	1.41E-04	1.70E-06	1.35E-05	3.33E-07	1.13E-05	5.22E-04	1.10E-05	1.01E-05	0.00E+00	3.32E-07	1.20E-03	0.00E+00	0.00E+00	1.20E-03
394	CARTGRID	1	374800	3762400	NonCancerChronicDerived_Inh	1.01E-05	1.29E-04	1.56E-06	1.23E-05	2.40E-07	1.03E-05	4.71E-04	1.01E-05	7.24E-06	0.00E+00	2.39E-07	8.78E-04	0.00E+00	0.00E+00	8.78E-04
395	CARTGRID	1	374900	3762400	NonCancerChronicDerived_Inh	9.38E-06	1.19E-04	1.45E-06	1.14E-05	1.89E-07	9.57E-06	4.34E-04	9.38E-06	5.71E-06	0.00E+00	1.88E-07	7.05E-04	0.00E+00	0.00E+00	7.05E-04
396	CARTGRID	1	375000	3762400	NonCancerChronicDerived_Inh	9.03E-06	1.15E-04	1.40E-06	1.10E-05	1.67E-07	9.20E-06	4.16E-04	9.03E-06	5.06E-06	0.00E+00	1.67E-07	6.34E-04	0.00E+00	0.00E+00	6.34E-04
397	CARTGRID	1	371500	3762500	NonCancerChronicDerived_Inh	1.98E-05	2.51E-04	3.07E-06	2.39E-05	1.94E-07	2.00E-05	8.93E-04	1.98E-05	5.72E-06	0.00E+00	1.93E-07	7.80E-04	0.00E+00	0.00E+00	8.93E-04
398	CARTGRID	1	371600	3762500	NonCancerChronicDerived_Inh	2.13E-05	2.69E-04	3.30E-06	2.56E-05	2.05E-07	2.15E-05	9.58E-04	2.13E-05	6.04E-06	0.00E+00	2.04E-07	8.26E-04	0.00E+00	0.00E+00	9.58E-04
399	CARTGRID	1	371700	3762500	NonCancerChronicDerived_Inh	2.29E-05	2.89E-04	3.55E-06	2.75E-05	2.17E-07	2.31E-05	1.03E-03	2.29E-05	6.42E-06	0.00E+00	2.16E-07	8.80E-04	0.00E+00	0.00E+00	1.03E-03
400	CARTGRID	1	371800	3762500	NonCancerChronicDerived_Inh	2.51E-05	3.18E-04	3.90E-06	3.02E-05	2.41E-07	2.54E-05	1.13E-03	2.51E-05	7.17E-06	0.00E+00	2.39E-07	9.84E-04	0.00E+00	0.00E+00	1.13E-03
401	CARTGRID	1	371900	3762500	NonCancerChronicDerived_Inh	2.68E-05	3.40E-04	4.16E-06	3.23E-05	2.55E-07	2.71E-05	1.21E-03	2.68E-05	7.62E-06	0.00E+00	2.53E-07	1.05E-03	0.00E+00	0.00E+00	1.21E-03
402	CARTGRID	1	372000	3762500	NonCancerChronicDerived_Inh	2.88E-05	3.65E-04	4.47E-06	3.47E-05	2.73E-07	2.91E-05	1.30E-03	2.88E-05	8.21E-06	0.00E+00	2.72E-07	1.13E-03	0.00E+00	0.00E+00	1.30E-03
403	CARTGRID	1	372100	3762500	NonCancerChronicDerived_Inh	2.99E-05	3.79E-04	4.64E-06	3.60E-05	2.81E-07	3.02E-05	1.35E-03	2.99E-05	8.45E-06	0.00E+00	2.79E-07	1.17E-03	0.00E+00	0.00E+00	1.35E-03
404	CARTGRID	1	372200	3762500	NonCancerChronicDerived_Inh	3.21E-05	4.07E-04	4.98E-06	3.87E-05	3.06E-07	3.25E-05	1.45E-03	3.21E-05	9.28E-06	0.00E+00	3.04E-07	1.28E-03	0.00E+00	0.00E+00	1.45E-03
405	CARTGRID	1	372300	3762500	NonCancerChronicDerived_Inh	3.49E-05	4.42E-04	5.42E-06	4.21E-05	3.39E-07	3.53E-05	1.57E-03	3.49E-05	1.04E-05	0.00E+00	3.37E-07	1.43E-03	0.00E+00	0.00E+00	1.57E-03
406	CARTGRID	1	372400	3762500	NonCancerChronicDerived_Inh	3.67E-05	4.64E-04	5.69E-06	4.42E-05	3.62E-07	3.71E-05	1.65E-03	3.67E-05	1.12E-05	0.00E+00	3.60E-07	1.55E-03	0.00E+00	0.00E+00	1.65E-03
407	CARTGRID	1	372500	3762500	NonCancerChronicDerived_Inh	3.68E-05	4.65E-04	5.70E-06	4.43E-05	3.73E-07	3.72E-05	1.65E-03	3.68E-05	1.16E-05	0.00E+00	3.71E-07	1.61E-03	0.00E+00	0.00E+00	1.65E-03
408	CARTGRID	1	372600	3762500	NonCancerChronicDerived_Inh	3.64E-05	4.61E-04	5.65E-06	4.39E-05	3.79E-07	3.68E-05	1.64E-03	3.64E-05	1.19E-05	0.00E+00	3.77E-07	1.65E-03	0.00E+00	0.00E+00	1.65E-03
409	CARTGRID	1	372700	3762500	NonCancerChronicDerived_Inh	3.89E-05	4.92E-04	6.03E-06	4.68E-05	4.12E-07	3.93E-05	1.75E-03	3.89E-05	1.31E-05	0.00E+00	4.10E-07	1.83E-03	0.00E+00	0.00E+00	1.83E-03
410	CARTGRID	1	372800	3762500	NonCancerChronicDerived_Inh	4.24E-05	5.36E-04	6.57E-06	5.10E-05	4.42E-07	4.29E-05	1.91E-03	4.24E-05	1.41E-05	0.00E+00	4.40E-07	1.96E-03	0.00E+00	0.00E+00	1.96E-03
411	CARTGRID	1	372900	3762500	NonCancerChronicDerived_Inh	4.46E-05	5.65E-04	6.91E-06	5.37E-05	4.49E-07	4.51E-05	2.01E-03	4.46E-05	1.44E-05	0.00E+00	4.46E-07	2.03E-03	0.00E+00	0.00E+00	2.03E-03
412	CARTGRID	1	373000	3762500	NonCancerChronicDerived_Inh	4.73E-05	5.99E-04	7.34E-06	5.70E-05	4.53E-07	4.78E-05	2.13E-03	4.73E-05	1.48E-05	0.00E+00	4.51E-07	2.10E-03	0.00E+00	0.00E+00	2.13E-03
413	CARTGRID	1	373100	3762500	NonCancerChronicDerived_Inh	4.97E-05	6.29E-04	7.71E-06	5.98E-05	4.40E-07	5.02E-05	2.23E-03	4.97E-05	1.44E-05	0.00E+00	4.37E-07	2.06E-03	0.00E+00	0.00E+00	2.23E-03
414	CARTGRID	1	373200	3762500	NonCancerChronicDerived_Inh	5.13E-05	6.49E-04	7.96E-06	6.17E-05	4.35E-07	5.18E-05	2.30E-03	5.13E-05	1.43E-05	0.00E+00	4.32E-07	2.04E-03	0.00E+00	0.00E+00	2.30E-03
415	CARTGRID	1	373300	3762500	NonCancerChronicDerived_Inh	5.29E-05	6.69E-04	8.21E-06	6.36E-05	4.58E-07	5.34E-05	2.37E-03	5.29E-05	1.50E-05	0.00E+00	4.55E-07	2.13E-03	0.00E+00	0.00E+00	2.37E-03
416	CARTGRID	1	373400	3762500	NonCancerChronicDerived_Inh	5.37E-05	6.79E-04	8.32E-06	6.45E-05	5.05E-07	5.42E-05	2.40E-03	5.37E-05	1.64E-05	0.00E+00	5.02E-07	2.28E-03	0.00E+00	0.00E+00	2.40E-03
417	CARTGRID	1	373500	3762500	NonCancerChronicDerived_Inh	5.61E-05	7.11E-04	8.71E-06	6.77E-05	6.54E-07	5.68E-05	2.53E-03	5.61E-05	2.12E-05	0.00E+00	6.51E-07	2.86E-03	0.00E+00	0.00E+00	2.86E-03
418	CARTGRID	1	373600	3762500	NonCancerChronicDerived_Inh	4.82E-05	6.14E-04	7.48E-06	5.85E-05	9.34E-07	4.92E-05	2.22E-03	4.82E-05	2.98E-05	0.00E+00	9.32E-07	3.77E-03	0.00E+00	0.00E+00	3.77E-03
419	CARTGRID	1	373700	3762500	NonCancerChronicDerived_Inh	4.68E-05	5.98E-04	7.25E-06	5.70E-05	1.20E-06	4.80E-05	2.19E-03	4.68E-05	3.80E-05	0.00E+00	1.20E-06	4.69E-03	0.00E+00	0.00E+00	4.69E-03
420	CARTGRID	1	373800	3762500	NonCancerChronicDerived_Inh	4.52E-05	5.82E-04	7.01E-06	5.56E-05	1.62E-06	4.69E-05	2.18E-03	4.52E-05	5.01E-05	0.00E+00	1.62E-06	5.94E-03	0.00E+00	0.00E+00	5.94E-03
421	CARTGRID	1	373900	3762500	NonCancerChronicDerived_Inh	4.00E-05	5.15E-04	6.20E-06	4.92E-05	1.48E-06	4.15E-05	1.94E-03	4.00E-05	4.56E-05	0.00E+00	1.47E-06	5.41E-03	0.00E+00	0.00E+00	5.41E-03
422	CARTGRID	1	374000	3762500	NonCancerChronicDerived_Inh	4.03E-05	5.22E-04	6.24E-06	4.99E-05	1.79E-06	4.21E-05	1.99E-03	4.03E-05	5.49E-05	0.00E+00	1.78E-06	6.44E-03	0.00E+00	0.00E+00	6.44E-03
423	CARTGRID	1	374100	3762500	NonCancerChronicDerived_Inh	3.43E-05	4.47E-04	5.32E-06	4.28E-05	1.84E-06	3.61E-05	1.74E-03	3.43E-05	5.67E-05	0.00E+00	1.84E-06	6.63E-03	0.00E+00	0.00E+00	6.63E-03
424	CARTGRID	1	374200	3762500	NonCancerChronicDerived_Inh	3.01E-05	4.05E-04	4.67E-06	3.89E-05	2.99E-06	3.31E-05	1.69E-03	3.01E-05	9.12E-05	0.00E+00	2.99E-06	1.04E-02	0.00E+00	0.00E+00	1.04E-02
425	CARTGRID	1	374300	3762500	NonCancerChronicDerived_Inh	2.52E-05	3.41E-04	3.91E-06	3.29E-05	2.77E-06	2.80E-05	1.45E-03	2.52E-05	8.42E-05	0.00E+00	2.77E-06	9.53E-03	0.00E+00	0.00E+00	9.53E-03
426	CARTGRID	1	374400	3762500	NonCancerChronicDerived_Inh	2.09E-05	2.78E-04	3.24E-06	2.68E-05	1.83E-06	2.27E-05	1.14E-03	2.09E-05	5.54E-05	0.00E+00	1.82E-06	6.29E-03	0.00E+00	0.00E+00	6.29E-03
427	CARTGRID	1	374500	3762500	NonCancerChronicDerived_Inh	1.51E-05	1.97E-04	2.33E-06	1.89E-05	9.49E-07	1.60E-05	7.75E-04	1.51E-05	2.88E-05	0.00E+00	9.48E-07	3.30E-03	0.00E+00	0.00E+00	3.30E-03
428	CARTGRID	1	374600	3762500	NonCancerChronicDerived_Inh	1.18E-05	1.54E-04	1.83E-06	1.47E-05	6.03E-07	1.24E-05	5.91E-04	1.18E-05	1.83E-05	0.00E+00	6.03E-07	2.11E-03	0.00E+00	0.00E+00	2.11E-03
429	CARTGRID	1	374700	3762500	NonCancerChronicDerived_Inh	1.05E-05	1.35E-04	1.62E-06	1.29E-05	4.06E-07	1.09E-05	5.08E-04	1.05E-05	1.23E-05	0.00E+00	4.05E-07	1.44E-03	0.00E+00	0.00E+00	1.44E-03
430	CARTGRID	1	374800	3762500	NonCancerChronicDerived_Inh	9.28E-06	1.19E-04	1.44E-06	1.14E-05	2.95E-07	9.58E-06	4.43E-04	9.28E-06	8.92E-06	0.00E+00	2.94E-07	1.06E-03	0.00E+00	0.00E+00	1.06E-03
431	CARTGRID	1	374900	3762500	NonCancerChronicDerived_Inh	8.51E-06	1.09E-04	1.32E-06	1.04E-05	2.31E-07	8.75E-06	4.01E-04	8.51E-06	7.00E-06	0.00E+00	2.31E-07	8.42E-04	0.00E+00	0.00E+00	8.42E-04
432	CARTGRID	1	375000	3762500	NonCancerChronicDerived_Inh	8.45E-06	1.08E-04	1.31E-06	1.03E-05	2.04E-07	8.66E-06	3.95E-04	8.45E-06	6.19E-06	0.00E+00	2.04E-07	7.55E-04	0.00E+00	0.00E+00	7.55E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
433	CARTGRID	1	371500	3762600	NonCancerChronicDerived_Inh	2.04E-05	2.58E-04	3.17E-06	2.46E-05	2.00E-07	2.06E-05	9.20E-04	2.04E-05	5.90E-06	0.00E+00	1.99E-07	8.05E-04	0.00E+00	0.00E+00	9.20E-04
434	CARTGRID	1	371600	3762600	NonCancerChronicDerived_Inh	2.20E-05	2.79E-04	3.42E-06	2.65E-05	2.12E-07	2.23E-05	9.92E-04	2.20E-05	6.26E-06	0.00E+00	2.10E-07	8.55E-04	0.00E+00	0.00E+00	9.92E-04
435	CARTGRID	1	371700	3762600	NonCancerChronicDerived_Inh	2.38E-05	3.01E-04	3.69E-06	2.87E-05	2.25E-07	2.40E-05	1.07E-03	2.38E-05	6.66E-06	0.00E+00	2.23E-07	9.12E-04	0.00E+00	0.00E+00	1.07E-03
436	CARTGRID	1	371800	3762600	NonCancerChronicDerived_Inh	2.59E-05	3.28E-04	4.02E-06	3.12E-05	2.42E-07	2.62E-05	1.16E-03	2.59E-05	7.20E-06	0.00E+00	2.41E-07	9.88E-04	0.00E+00	0.00E+00	1.16E-03
437	CARTGRID	1	371900	3762600	NonCancerChronicDerived_Inh	2.89E-05	3.65E-04	4.48E-06	3.48E-05	2.72E-07	2.92E-05	1.30E-03	2.89E-05	8.17E-06	0.00E+00	2.70E-07	1.12E-03	0.00E+00	0.00E+00	1.30E-03
438	CARTGRID	1	372000	3762600	NonCancerChronicDerived_Inh	3.13E-05	3.96E-04	4.85E-06	3.76E-05	2.91E-07	3.16E-05	1.41E-03	3.13E-05	8.78E-06	0.00E+00	2.90E-07	1.21E-03	0.00E+00	0.00E+00	1.41E-03
439	CARTGRID	1	372100	3762600	NonCancerChronicDerived_Inh	3.33E-05	4.22E-04	5.17E-06	4.01E-05	3.07E-07	3.36E-05	1.50E-03	3.33E-05	9.28E-06	0.00E+00	3.05E-07	1.28E-03	0.00E+00	0.00E+00	1.50E-03
440	CARTGRID	1	372200	3762600	NonCancerChronicDerived_Inh	3.49E-05	4.42E-04	5.42E-06	4.20E-05	3.18E-07	3.53E-05	1.57E-03	3.49E-05	9.65E-06	0.00E+00	3.16E-07	1.33E-03	0.00E+00	0.00E+00	1.57E-03
441	CARTGRID	1	372300	3762600	NonCancerChronicDerived_Inh	3.84E-05	4.86E-04	5.96E-06	4.63E-05	3.56E-07	3.88E-05	1.73E-03	3.84E-05	1.09E-05	0.00E+00	3.54E-07	1.51E-03	0.00E+00	0.00E+00	1.73E-03
442	CARTGRID	1	372400	3762600	NonCancerChronicDerived_Inh	4.23E-05	5.35E-04	6.56E-06	5.09E-05	3.98E-07	4.27E-05	1.90E-03	4.23E-05	1.23E-05	0.00E+00	3.96E-07	1.70E-03	0.00E+00	0.00E+00	1.90E-03
443	CARTGRID	1	372500	3762600	NonCancerChronicDerived_Inh	4.38E-05	5.54E-04	6.79E-06	5.27E-05	4.22E-07	4.43E-05	1.97E-03	4.38E-05	1.31E-05	0.00E+00	4.20E-07	1.82E-03	0.00E+00	0.00E+00	1.97E-03
444	CARTGRID	1	372600	3762600	NonCancerChronicDerived_Inh	4.52E-05	5.72E-04	7.01E-06	5.44E-05	4.50E-07	4.57E-05	2.03E-03	4.52E-05	1.41E-05	0.00E+00	4.48E-07	1.95E-03	0.00E+00	0.00E+00	2.03E-03
445	CARTGRID	1	372700	3762600	NonCancerChronicDerived_Inh	4.32E-05	5.46E-04	6.69E-06	5.20E-05	4.43E-07	4.36E-05	1.94E-03	4.32E-05	1.41E-05	0.00E+00	4.41E-07	1.96E-03	0.00E+00	0.00E+00	1.96E-03
446	CARTGRID	1	372800	3762600	NonCancerChronicDerived_Inh	4.57E-05	5.79E-04	7.08E-06	5.51E-05	4.72E-07	4.62E-05	2.06E-03	4.57E-05	1.52E-05	0.00E+00	4.69E-07	2.13E-03	0.00E+00	0.00E+00	2.13E-03
447	CARTGRID	1	372900	3762600	NonCancerChronicDerived_Inh	5.08E-05	6.42E-04	7.87E-06	6.11E-05	5.05E-07	5.13E-05	2.28E-03	5.08E-05	1.62E-05	0.00E+00	5.03E-07	2.27E-03	0.00E+00	0.00E+00	2.28E-03
448	CARTGRID	1	373000	3762600	NonCancerChronicDerived_Inh	5.37E-05	6.79E-04	8.33E-06	6.46E-05	4.91E-07	5.43E-05	2.41E-03	5.37E-05	1.58E-05	0.00E+00	4.88E-07	2.23E-03	0.00E+00	0.00E+00	2.41E-03
449	CARTGRID	1	373100	3762600	NonCancerChronicDerived_Inh	5.66E-05	7.16E-04	8.78E-06	6.81E-05	4.79E-07	5.72E-05	2.53E-03	5.66E-05	1.56E-05	0.00E+00	4.76E-07	2.22E-03	0.00E+00	0.00E+00	2.53E-03
450	CARTGRID	1	373200	3762600	NonCancerChronicDerived_Inh	5.82E-05	7.36E-04	9.03E-06	7.00E-05	4.63E-07	5.87E-05	2.60E-03	5.82E-05	1.52E-05	0.00E+00	4.60E-07	2.19E-03	0.00E+00	0.00E+00	2.60E-03
451	CARTGRID	1	373300	3762600	NonCancerChronicDerived_Inh	5.93E-05	7.49E-04	9.19E-06	7.12E-05	4.71E-07	5.98E-05	2.64E-03	5.93E-05	1.55E-05	0.00E+00	4.68E-07	2.23E-03	0.00E+00	0.00E+00	2.64E-03
452	CARTGRID	1	373400	3762600	NonCancerChronicDerived_Inh	6.20E-05	7.84E-04	9.62E-06	7.46E-05	5.26E-07	6.26E-05	2.77E-03	6.20E-05	1.72E-05	0.00E+00	5.22E-07	2.45E-03	0.00E+00	0.00E+00	2.77E-03
453	CARTGRID	1	373500	3762600	NonCancerChronicDerived_Inh	6.82E-05	8.64E-04	1.06E-05	8.22E-05	7.64E-07	6.90E-05	3.07E-03	6.82E-05	2.56E-05	0.00E+00	7.61E-07	3.54E-03	0.00E+00	0.00E+00	3.54E-03
454	CARTGRID	1	373600	3762600	NonCancerChronicDerived_Inh	6.41E-05	8.17E-04	9.94E-06	7.78E-05	1.30E-06	6.54E-05	2.96E-03	6.41E-05	4.12E-05	0.00E+00	1.29E-06	5.18E-03	0.00E+00	0.00E+00	5.18E-03
455	CARTGRID	1	373700	3762600	NonCancerChronicDerived_Inh	7.20E-05	9.22E-04	1.12E-05	8.79E-05	1.97E-06	7.40E-05	3.39E-03	7.20E-05	6.12E-05	0.00E+00	1.97E-06	7.38E-03	0.00E+00	0.00E+00	7.38E-03
456	CARTGRID	1	373800	3762600	NonCancerChronicDerived_Inh	6.59E-05	8.39E-04	1.02E-05	8.00E-05	1.33E-06	6.72E-05	3.05E-03	6.59E-05	4.09E-05	0.00E+00	1.32E-06	5.01E-03	0.00E+00	0.00E+00	5.01E-03
457	CARTGRID	1	373900	3762600	NonCancerChronicDerived_Inh	5.54E-05	7.15E-04	8.60E-06	6.83E-05	2.18E-06	5.76E-05	2.70E-03	5.54E-05	6.65E-05	0.00E+00	2.17E-06	7.78E-03	0.00E+00	0.00E+00	7.78E-03
458	CARTGRID	1	374000	3762600	NonCancerChronicDerived_Inh	5.55E-05	7.16E-04	8.60E-06	6.84E-05	2.21E-06	5.77E-05	2.70E-03	5.55E-05	6.77E-05	0.00E+00	2.21E-06	7.93E-03	0.00E+00	0.00E+00	7.93E-03
459	CARTGRID	1	374100	3762600	NonCancerChronicDerived_Inh	4.08E-05	5.25E-04	6.33E-06	5.01E-05	1.45E-06	4.23E-05	1.96E-03	4.08E-05	4.49E-05	0.00E+00	1.45E-06	5.35E-03	0.00E+00	0.00E+00	5.35E-03
460	CARTGRID	1	374200	3762600	NonCancerChronicDerived_Inh	3.50E-05	4.54E-04	5.42E-06	4.35E-05	1.73E-06	3.67E-05	1.75E-03	3.50E-05	5.31E-05	0.00E+00	1.73E-06	6.17E-03	0.00E+00	0.00E+00	6.17E-03
461	CARTGRID	1	374300	3762600	NonCancerChronicDerived_Inh	2.81E-05	3.68E-04	4.35E-06	3.53E-05	1.77E-06	2.98E-05	1.45E-03	2.81E-05	5.41E-05	0.00E+00	1.77E-06	6.21E-03	0.00E+00	0.00E+00	6.21E-03
462	CARTGRID	1	374400	3762600	NonCancerChronicDerived_Inh	2.02E-05	2.63E-04	3.13E-06	2.51E-05	1.07E-06	2.12E-05	1.02E-03	2.02E-05	3.27E-05	0.00E+00	1.07E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
463	CARTGRID	1	374500	3762600	NonCancerChronicDerived_Inh	1.51E-05	1.96E-04	2.35E-06	1.88E-05	7.12E-07	1.59E-05	7.51E-04	1.51E-05	2.17E-05	0.00E+00	7.11E-07	2.52E-03	0.00E+00	0.00E+00	2.52E-03
464	CARTGRID	1	374600	3762600	NonCancerChronicDerived_Inh	1.28E-05	1.65E-04	1.98E-06	1.58E-05	5.32E-07	1.33E-05	6.25E-04	1.28E-05	1.62E-05	0.00E+00	5.31E-07	1.89E-03	0.00E+00	0.00E+00	1.89E-03
465	CARTGRID	1	374700	3762600	NonCancerChronicDerived_Inh	1.00E-05	1.30E-04	1.56E-06	1.24E-05	4.13E-07	1.05E-05	4.90E-04	1.00E-05	1.25E-05	0.00E+00	4.12E-07	1.47E-03	0.00E+00	0.00E+00	1.47E-03
466	CARTGRID	1	374800	3762600	NonCancerChronicDerived_Inh	8.66E-06	1.12E-04	1.34E-06	1.07E-05	3.29E-07	8.99E-06	4.20E-04	8.66E-06	9.99E-06	0.00E+00	3.29E-07	1.18E-03	0.00E+00	0.00E+00	1.18E-03
467	CARTGRID	1	374900	3762600	NonCancerChronicDerived_Inh	8.16E-06	1.05E-04	1.27E-06	1.00E-05	2.73E-07	8.44E-06	3.91E-04	8.16E-06	8.28E-06	0.00E+00	2.72E-07	9.84E-04	0.00E+00	0.00E+00	9.84E-04
468	CARTGRID	1	375000	3762600	NonCancerChronicDerived_Inh	7.97E-06	1.02E-04	1.24E-06	9.75E-06	2.33E-07	8.21E-06	3.78E-04	7.97E-06	7.07E-06	0.00E+00	2.32E-07	8.49E-04	0.00E+00	0.00E+00	8.49E-04
469	CARTGRID	1	371500	3762700	NonCancerChronicDerived_Inh	2.11E-05	2.67E-04	3.27E-06	2.54E-05	2.06E-07	2.13E-05	9.50E-04	2.11E-05	6.09E-06	0.00E+00	2.05E-07	8.30E-04	0.00E+00	0.00E+00	9.50E-04
470	CARTGRID	1	371600	3762700	NonCancerChronicDerived_Inh	2.28E-05	2.89E-04	3.54E-06	2.75E-05	2.19E-07	2.31E-05	1.03E-03	2.28E-05	6.48E-06	0.00E+00	2.18E-07	8.84E-04	0.00E+00	0.00E+00	1.03E-03
471	CARTGRID	1	371700	3762700	NonCancerChronicDerived_Inh	2.48E-05	3.13E-04	3.84E-06	2.98E-05	2.33E-07	2.50E-05	1.11E-03	2.48E-05	6.93E-06	0.00E+00	2.32E-07	9.47E-04	0.00E+00	0.00E+00	1.11E-03
472	CARTGRID	1	371800	3762700	NonCancerChronicDerived_Inh	2.70E-05	3.41E-04	4.18E-06	3.25E-05	2.49E-07	2.72E-05	1.21E-03	2.70E-05	7.43E-06	0.00E+00	2.48E-07	1.02E-03	0.00E+00	0.00E+00	1.21E-03
473	CARTGRID	1	371900	3762700	NonCancerChronicDerived_Inh	3.00E-05	3.79E-04	4.65E-06	3.61E-05	2.77E-07	3.02E-05	1.35E-03	3.00E-05	8.30E-06	0.00E+00	2.75E-07	1.14E-03	0.00E+00	0.00E+00	1.35E-03
474	CARTGRID	1	372000	3762700	NonCancerChronicDerived_Inh	3.38E-05	4.27E-04	5.24E-06	4.06E-05	3.11E-07	3.41E-05	1.52E-03	3.38E-05	9.40E-06	0.00E+00	3.09E-07	1.29E-03	0.00E+00	0.00E+00	1.52E-03
475	CARTGRID	1	372100	3762700	NonCancerChronicDerived_Inh	3.69E-05	4.67E-04	5.72E-06	4.44E-05	3.34E-07	3.72E-05	1.65E-03	3.69E-05	1.01E-05	0.00E+00	3.32E-07	1.40E-03	0.00E+00	0.00E+00	1.65E-03
476	CARTGRID	1	372200	3762700	NonCancerChronicDerived_Inh	3.86E-05	4.88E-04	5.99E-06	4.64E-05	3.40E-07	3.90E-05	1.73E-03	3.86E-05	1.03E-05	0.00E+00	3.38E-07	1.43E-03	0.00E+00	0.00E+00	1.73E-03
477	CARTGRID	1	372300	3762700	NonCancerChronicDerived_Inh	4.22E-05	5.34E-04	6.55E-06	5.08E-05	3.72E-07	4.26E-05	1.89E-03	4.22E-05	1.14E-05	0.00E+00	3.70E-07	1.58E-03	0.00E+00	0.00E+00	1.89E-03
478	CARTGRID	1	372400	3762700	NonCancerChronicDerived_Inh	4.67E-05	5.91E-04	7.24E-06	5.62E-05	4.16E-07	4.71E-05	2.09E-03	4.67E-05	1.28E-05	0.00E+00	4.14E-07	1.78E-03	0.00E+00	0.00E+00	2.09E-03
479	CARTGRID	1	372500	3762700	NonCancerChronicDerived_Inh	5.20E-05	6.59E-04	8.07E-06	6.26E-05	4.71E-07	5.25E-05	2.33E-03	5.20E-05	1.45E-05	0.00E+00	4.68E-07	2.01E-03	0.00E+00	0.00E+00	2.33E-03
480	CARTGRID	1	372600	3762700	NonCancerChronicDerived_Inh	5.32E-05	6.73E-04	8.25E-06	6.40E-05	5.00E-07	5.38E-05	2.39E-03	5.32E-05	1.55E-05	0.00E+00	4.97E-07	2.14E-03	0.00E+00	0.00E+00	2.39E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
481	CARTGRID	1	372700	3762700	NonCancerChronicDerived_Inh	5.34E-05	6.75E-04	8.27E-06	6.42E-05	5.24E-07	5.39E-05	2.40E-03	5.34E-05	1.64E-05	0.00E+00	5.21E-07	2.27E-03	0.00E+00	0.00E+00	2.40E-03
482	CARTGRID	1	372800	3762700	NonCancerChronicDerived_Inh	5.43E-05	6.87E-04	8.41E-06	6.54E-05	5.46E-07	5.49E-05	2.44E-03	5.43E-05	1.73E-05	0.00E+00	5.43E-07	2.41E-03	0.00E+00	0.00E+00	2.44E-03
483	CARTGRID	1	372900	3762700	NonCancerChronicDerived_Inh	5.69E-05	7.20E-04	8.82E-06	6.85E-05	5.64E-07	5.76E-05	2.56E-03	5.69E-05	1.83E-05	0.00E+00	5.61E-07	2.56E-03	0.00E+00	0.00E+00	2.56E-03
484	CARTGRID	1	373000	3762700	NonCancerChronicDerived_Inh	6.16E-05	7.78E-04	9.54E-06	7.40E-05	5.54E-07	6.22E-05	2.76E-03	6.16E-05	1.76E-05	0.00E+00	5.50E-07	2.47E-03	0.00E+00	0.00E+00	2.76E-03
485	CARTGRID	1	373100	3762700	NonCancerChronicDerived_Inh	6.50E-05	8.22E-04	1.01E-05	7.82E-05	5.48E-07	6.56E-05	2.91E-03	6.50E-05	1.76E-05	0.00E+00	5.45E-07	2.51E-03	0.00E+00	0.00E+00	2.91E-03
486	CARTGRID	1	373200	3762700	NonCancerChronicDerived_Inh	6.76E-05	8.54E-04	1.05E-05	8.12E-05	5.44E-07	6.81E-05	3.02E-03	6.75E-05	1.77E-05	0.00E+00	5.40E-07	2.55E-03	0.00E+00	0.00E+00	3.02E-03
487	CARTGRID	1	373300	3762700	NonCancerChronicDerived_Inh	7.03E-05	8.88E-04	1.09E-05	8.45E-05	5.34E-07	7.09E-05	3.13E-03	7.03E-05	1.77E-05	0.00E+00	5.30E-07	2.58E-03	0.00E+00	0.00E+00	3.13E-03
488	CARTGRID	1	373400	3762700	NonCancerChronicDerived_Inh	7.72E-05	9.76E-04	1.20E-05	9.28E-05	5.86E-07	7.78E-05	3.44E-03	7.72E-05	1.96E-05	0.00E+00	5.82E-07	2.86E-03	0.00E+00	0.00E+00	3.44E-03
489	CARTGRID	1	373500	3762700	NonCancerChronicDerived_Inh	8.67E-05	1.10E-03	1.34E-05	1.04E-04	7.94E-07	8.75E-05	3.88E-03	8.67E-05	2.76E-05	0.00E+00	7.89E-07	4.02E-03	0.00E+00	0.00E+00	4.02E-03
490	CARTGRID	1	373600	3762700	NonCancerChronicDerived_Inh	8.71E-05	1.10E-03	1.35E-05	1.05E-04	1.07E-06	8.82E-05	3.93E-03	8.71E-05	3.57E-05	0.00E+00	1.06E-06	4.87E-03	0.00E+00	0.00E+00	4.87E-03
491	CARTGRID	1	373700	3762700	NonCancerChronicDerived_Inh	1.13E-04	1.44E-03	1.75E-05	1.37E-04	1.87E-06	1.15E-04	5.17E-03	1.13E-04	5.84E-05	0.00E+00	1.86E-06	7.31E-03	0.00E+00	0.00E+00	7.31E-03
492	CARTGRID	1	373800	3762700	NonCancerChronicDerived_Inh	1.22E-04	1.55E-03	1.90E-05	1.47E-04	1.57E-06	1.24E-04	5.52E-03	1.22E-04	4.85E-05	0.00E+00	1.57E-06	6.16E-03	0.00E+00	0.00E+00	6.16E-03
493	CARTGRID	1	373900	3762700	NonCancerChronicDerived_Inh	9.37E-05	1.19E-03	1.45E-05	1.13E-04	1.26E-06	9.49E-05	4.24E-03	9.37E-05	3.90E-05	0.00E+00	1.26E-06	4.95E-03	0.00E+00	0.00E+00	4.95E-03
494	CARTGRID	1	374000	3762700	NonCancerChronicDerived_Inh	7.58E-05	9.65E-04	1.18E-05	9.19E-05	1.49E-06	7.73E-05	3.49E-03	7.58E-05	4.60E-05	0.00E+00	1.49E-06	5.65E-03	0.00E+00	0.00E+00	5.65E-03
495	CARTGRID	1	374100	3762700	NonCancerChronicDerived_Inh	5.26E-05	6.75E-04	8.16E-06	6.44E-05	1.64E-06	5.42E-05	2.50E-03	5.26E-05	5.04E-05	0.00E+00	1.63E-06	5.99E-03	0.00E+00	0.00E+00	5.99E-03
496	CARTGRID	1	374200	3762700	NonCancerChronicDerived_Inh	4.05E-05	5.26E-04	6.27E-06	5.03E-05	2.05E-06	4.25E-05	2.03E-03	4.04E-05	6.26E-05	0.00E+00	2.05E-06	7.24E-03	0.00E+00	0.00E+00	7.24E-03
497	CARTGRID	1	374300	3762700	NonCancerChronicDerived_Inh	2.70E-05	3.48E-04	4.19E-06	3.33E-05	1.00E-06	2.80E-05	1.31E-03	2.70E-05	3.07E-05	0.00E+00	1.00E-06	3.60E-03	0.00E+00	0.00E+00	3.60E-03
498	CARTGRID	1	374400	3762700	NonCancerChronicDerived_Inh	1.77E-05	2.38E-04	2.74E-06	2.29E-05	1.76E-06	1.95E-05	9.91E-04	1.77E-05	5.32E-05	0.00E+00	1.75E-06	6.04E-03	0.00E+00	0.00E+00	6.04E-03
499	CARTGRID	1	374500	3762700	NonCancerChronicDerived_Inh	1.44E-05	1.88E-04	2.22E-06	1.80E-05	8.23E-07	1.52E-05	7.30E-04	1.44E-05	2.50E-05	0.00E+00	8.22E-07	2.89E-03	0.00E+00	0.00E+00	2.89E-03
500	CARTGRID	1	374600	3762700	NonCancerChronicDerived_Inh	1.27E-05	1.64E-04	1.97E-06	1.57E-05	5.11E-07	1.32E-05	6.20E-04	1.27E-05	1.56E-05	0.00E+00	5.10E-07	1.83E-03	0.00E+00	0.00E+00	1.83E-03
501	CARTGRID	1	374700	3762700	NonCancerChronicDerived_Inh	1.10E-05	1.42E-04	1.70E-06	1.35E-05	4.15E-07	1.14E-05	5.32E-04	1.10E-05	1.27E-05	0.00E+00	4.15E-07	1.49E-03	0.00E+00	0.00E+00	1.49E-03
502	CARTGRID	1	374800	3762700	NonCancerChronicDerived_Inh	8.84E-06	1.14E-04	1.37E-06	1.09E-05	3.26E-07	9.17E-06	4.27E-04	8.84E-06	9.90E-06	0.00E+00	3.25E-07	1.17E-03	0.00E+00	0.00E+00	1.17E-03
503	CARTGRID	1	374900	3762700	NonCancerChronicDerived_Inh	7.99E-06	1.03E-04	1.24E-06	9.81E-06	2.77E-07	8.27E-06	3.84E-04	7.99E-06	8.41E-06	0.00E+00	2.76E-07	1.00E-03	0.00E+00	0.00E+00	1.00E-03
504	CARTGRID	1	375000	3762700	NonCancerChronicDerived_Inh	7.89E-06	1.01E-04	1.22E-06	9.66E-06	2.46E-07	8.14E-06	3.76E-04	7.89E-06	7.49E-06	0.00E+00	2.46E-07	8.96E-04	0.00E+00	0.00E+00	8.96E-04
505	CARTGRID	1	371500	3762800	NonCancerChronicDerived_Inh	2.19E-05	2.77E-04	3.39E-06	2.63E-05	2.12E-07	2.21E-05	9.84E-04	2.19E-05	6.28E-06	0.00E+00	2.11E-07	8.55E-04	0.00E+00	0.00E+00	9.84E-04
506	CARTGRID	1	371600	3762800	NonCancerChronicDerived_Inh	2.37E-05	3.00E-04	3.68E-06	2.86E-05	2.26E-07	2.40E-05	1.07E-03	2.37E-05	6.71E-06	0.00E+00	2.25E-07	9.15E-04	0.00E+00	0.00E+00	1.07E-03
507	CARTGRID	1	371700	3762800	NonCancerChronicDerived_Inh	2.58E-05	3.27E-04	4.01E-06	3.11E-05	2.41E-07	2.61E-05	1.16E-03	2.58E-05	7.18E-06	0.00E+00	2.40E-07	9.81E-04	0.00E+00	0.00E+00	1.16E-03
508	CARTGRID	1	371800	3762800	NonCancerChronicDerived_Inh	2.82E-05	3.57E-04	4.37E-06	3.39E-05	2.59E-07	2.85E-05	1.27E-03	2.82E-05	7.72E-06	0.00E+00	2.57E-07	1.06E-03	0.00E+00	0.00E+00	1.27E-03
509	CARTGRID	1	371900	3762800	NonCancerChronicDerived_Inh	3.10E-05	3.92E-04	4.80E-06	3.73E-05	2.80E-07	3.13E-05	1.39E-03	3.10E-05	8.37E-06	0.00E+00	2.78E-07	1.15E-03	0.00E+00	0.00E+00	1.39E-03
510	CARTGRID	1	372000	3762800	NonCancerChronicDerived_Inh	3.51E-05	4.44E-04	5.44E-06	4.22E-05	3.17E-07	3.54E-05	1.57E-03	3.51E-05	9.58E-06	0.00E+00	3.15E-07	1.32E-03	0.00E+00	0.00E+00	1.57E-03
511	CARTGRID	1	372100	3762800	NonCancerChronicDerived_Inh	4.05E-05	5.12E-04	6.28E-06	4.87E-05	3.62E-07	4.09E-05	1.82E-03	4.05E-05	1.10E-05	0.00E+00	3.60E-07	1.52E-03	0.00E+00	0.00E+00	1.82E-03
512	CARTGRID	1	372200	3762800	NonCancerChronicDerived_Inh	4.37E-05	5.53E-04	6.78E-06	5.26E-05	3.80E-07	4.41E-05	1.96E-03	4.37E-05	1.16E-05	0.00E+00	3.77E-07	1.60E-03	0.00E+00	0.00E+00	1.96E-03
513	CARTGRID	1	372300	3762800	NonCancerChronicDerived_Inh	4.75E-05	6.01E-04	7.37E-06	5.71E-05	4.03E-07	4.79E-05	2.13E-03	4.75E-05	1.23E-05	0.00E+00	4.00E-07	1.71E-03	0.00E+00	0.00E+00	2.13E-03
514	CARTGRID	1	372400	3762800	NonCancerChronicDerived_Inh	5.42E-05	6.85E-04	8.40E-06	6.51E-05	4.58E-07	5.46E-05	2.42E-03	5.42E-05	1.41E-05	0.00E+00	4.55E-07	1.96E-03	0.00E+00	0.00E+00	2.42E-03
515	CARTGRID	1	372500	3762800	NonCancerChronicDerived_Inh	5.95E-05	7.52E-04	9.23E-06	7.15E-05	5.04E-07	6.00E-05	2.66E-03	5.95E-05	1.55E-05	0.00E+00	5.01E-07	2.16E-03	0.00E+00	0.00E+00	2.66E-03
516	CARTGRID	1	372600	3762800	NonCancerChronicDerived_Inh	6.39E-05	8.08E-04	9.91E-06	7.68E-05	5.53E-07	6.45E-05	2.86E-03	6.39E-05	1.69E-05	0.00E+00	5.49E-07	2.35E-03	0.00E+00	0.00E+00	2.86E-03
517	CARTGRID	1	372700	3762800	NonCancerChronicDerived_Inh	6.42E-05	8.13E-04	9.96E-06	7.73E-05	5.91E-07	6.49E-05	2.88E-03	6.42E-05	1.82E-05	0.00E+00	5.87E-07	2.52E-03	0.00E+00	0.00E+00	2.88E-03
518	CARTGRID	1	372800	3762800	NonCancerChronicDerived_Inh	6.49E-05	8.21E-04	1.01E-05	7.81E-05	6.24E-07	6.55E-05	2.91E-03	6.49E-05	1.93E-05	0.00E+00	6.21E-07	2.66E-03	0.00E+00	0.00E+00	2.91E-03
519	CARTGRID	1	372900	3762800	NonCancerChronicDerived_Inh	6.74E-05	8.53E-04	1.04E-05	8.11E-05	6.56E-07	6.81E-05	3.02E-03	6.74E-05	2.09E-05	0.00E+00	6.52E-07	2.91E-03	0.00E+00	0.00E+00	3.02E-03
520	CARTGRID	1	373000	3762800	NonCancerChronicDerived_Inh	7.39E-05	9.34E-04	1.14E-05	8.89E-05	6.82E-07	7.46E-05	3.31E-03	7.39E-05	2.18E-05	0.00E+00	6.78E-07	3.05E-03	0.00E+00	0.00E+00	3.31E-03
521	CARTGRID	1	373100	3762800	NonCancerChronicDerived_Inh	7.61E-05	9.62E-04	1.18E-05	9.15E-05	6.46E-07	7.68E-05	3.40E-03	7.61E-05	2.05E-05	0.00E+00	6.42E-07	2.91E-03	0.00E+00	0.00E+00	3.40E-03
522	CARTGRID	1	373200	3762800	NonCancerChronicDerived_Inh	8.00E-05	1.01E-03	1.24E-05	9.64E-05	8.65E-07	8.09E-05	3.60E-03	8.00E-05	2.77E-05	0.00E+00	8.61E-07	3.75E-03	0.00E+00	0.00E+00	3.75E-03
523	CARTGRID	1	373300	3762800	NonCancerChronicDerived_Inh	8.56E-05	1.08E-03	1.33E-05	1.03E-04	7.60E-07	8.64E-05	3.83E-03	8.56E-05	2.50E-05	0.00E+00	7.56E-07	3.53E-03	0.00E+00	0.00E+00	3.83E-03
524	CARTGRID	1	373400	3762800	NonCancerChronicDerived_Inh	1.04E-04	1.31E-03	1.61E-05	1.25E-04	8.08E-07	1.05E-04	4.63E-03	1.04E-04	2.80E-05	0.00E+00	8.03E-07	4.14E-03	0.00E+00	0.00E+00	4.63E-03
525	CARTGRID	1	373500	3762800	NonCancerChronicDerived_Inh	1.09E-04	1.39E-03	1.70E-05	1.32E-04	9.82E-07	1.10E-04	4.89E-03	1.09E-04	3.57E-05	0.00E+00	9.76E-07	5.33E-03	0.00E+00	0.00E+00	5.33E-03
526	CARTGRID	1	373600	3762800	NonCancerChronicDerived_Inh	1.21E-04	1.53E-03	1.87E-05	1.46E-04	1.41E-06	1.22E-04	5.45E-03	1.21E-04	4.93E-05	0.00E+00	1.41E-06	6.97E-03	0.00E+00	0.00E+00	6.97E-03
527	CARTGRID	1	373700	3762800	NonCancerChronicDerived_Inh	1.61E-04	2.03E-03	2.49E-05	1.93E-04	1.51E-06	1.62E-04	7.19E-03	1.61E-04	4.94E-05	0.00E+00	1.50E-06	6.84E-03	0.00E+00	0.00E+00	7.19E-03
528	CARTGRID	1	373800	3762800	NonCancerChronicDerived_Inh	2.66E-04	3.35E-03	4.13E-05	3.19E-04	1.30E-06	2.68E-04	1.18E-02	2.66E-04	4.08E-05	0.00E+00	1.28E-06	6.12E-03	0.00E+00	0.00E+00	1.18E-02

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
529	CARTGRID	1	373900	3762800	NonCancerChronicDerived_Inh	4.97E-04	6.25E-03	7.71E-05	5.95E-04	2.11E-06	4.99E-04	2.19E-02	4.97E-04	6.45E-05	0.00E+00	2.09E-06	9.78E-03	0.00E+00	0.00E+00	2.19E-02
530	CARTGRID	1	374000	3762800	NonCancerChronicDerived_Inh	1.42E-04	1.80E-03	2.20E-05	1.71E-04	1.45E-06	1.44E-04	6.37E-03	1.42E-04	4.45E-05	0.00E+00	1.44E-06	5.78E-03	0.00E+00	0.00E+00	6.37E-03
531	CARTGRID	1	374100	3762800	NonCancerChronicDerived_Inh	7.45E-05	9.51E-04	1.16E-05	9.07E-05	1.78E-06	7.63E-05	3.49E-03	7.45E-05	5.44E-05	0.00E+00	1.78E-06	6.51E-03	0.00E+00	0.00E+00	6.51E-03
532	CARTGRID	1	374200	3762800	NonCancerChronicDerived_Inh	3.91E-05	5.08E-04	6.07E-06	4.86E-05	1.92E-06	4.11E-05	1.95E-03	3.91E-05	5.84E-05	0.00E+00	1.92E-06	6.75E-03	0.00E+00	0.00E+00	6.75E-03
533	CARTGRID	1	374300	3762800	NonCancerChronicDerived_Inh	2.81E-05	3.66E-04	4.36E-06	3.50E-05	1.45E-06	2.96E-05	1.42E-03	2.81E-05	4.42E-05	0.00E+00	1.45E-06	5.09E-03	0.00E+00	0.00E+00	5.09E-03
534	CARTGRID	1	374400	3762800	NonCancerChronicDerived_Inh	1.81E-05	2.35E-04	2.81E-06	2.24E-05	8.25E-07	1.89E-05	8.98E-04	1.81E-05	2.51E-05	0.00E+00	8.24E-07	2.92E-03	0.00E+00	0.00E+00	2.92E-03
535	CARTGRID	1	374500	3762800	NonCancerChronicDerived_Inh	1.55E-05	2.00E-04	2.40E-06	1.91E-05	6.43E-07	1.61E-05	7.58E-04	1.55E-05	1.96E-05	0.00E+00	6.42E-07	2.30E-03	0.00E+00	0.00E+00	2.30E-03
536	CARTGRID	1	374600	3762800	NonCancerChronicDerived_Inh	1.36E-05	1.75E-04	2.11E-06	1.68E-05	5.32E-07	1.41E-05	6.61E-04	1.36E-05	1.62E-05	0.00E+00	5.32E-07	1.91E-03	0.00E+00	0.00E+00	1.91E-03
537	CARTGRID	1	374700	3762800	NonCancerChronicDerived_Inh	1.35E-05	1.73E-04	2.09E-06	1.65E-05	4.58E-07	1.39E-05	6.47E-04	1.35E-05	1.40E-05	0.00E+00	4.57E-07	1.67E-03	0.00E+00	0.00E+00	1.67E-03
538	CARTGRID	1	374800	3762800	NonCancerChronicDerived_Inh	9.91E-06	1.27E-04	1.54E-06	1.21E-05	3.19E-07	1.02E-05	4.73E-04	9.91E-06	9.73E-06	0.00E+00	3.18E-07	1.16E-03	0.00E+00	0.00E+00	1.16E-03
539	CARTGRID	1	374900	3762800	NonCancerChronicDerived_Inh	8.93E-06	1.15E-04	1.38E-06	1.09E-05	2.75E-07	9.20E-06	4.25E-04	8.92E-06	8.39E-06	0.00E+00	2.75E-07	1.01E-03	0.00E+00	0.00E+00	1.01E-03
540	CARTGRID	1	375000	3762800	NonCancerChronicDerived_Inh	8.57E-06	1.10E-04	1.33E-06	1.05E-05	2.49E-07	8.83E-06	4.06E-04	8.57E-06	7.60E-06	0.00E+00	2.49E-07	9.14E-04	0.00E+00	0.00E+00	9.14E-04
541	CARTGRID	1	371500	3762900	NonCancerChronicDerived_Inh	2.26E-05	2.86E-04	3.51E-06	2.72E-05	2.18E-07	2.28E-05	1.02E-03	2.26E-05	6.46E-06	0.00E+00	2.17E-07	8.78E-04	0.00E+00	0.00E+00	1.02E-03
542	CARTGRID	1	371600	3762900	NonCancerChronicDerived_Inh	2.47E-05	3.13E-04	3.83E-06	2.97E-05	2.33E-07	2.50E-05	1.11E-03	2.47E-05	6.94E-06	0.00E+00	2.32E-07	9.45E-04	0.00E+00	0.00E+00	1.11E-03
543	CARTGRID	1	371700	3762900	NonCancerChronicDerived_Inh	2.70E-05	3.42E-04	4.19E-06	3.25E-05	2.50E-07	2.73E-05	1.21E-03	2.70E-05	7.45E-06	0.00E+00	2.49E-07	1.02E-03	0.00E+00	0.00E+00	1.21E-03
544	CARTGRID	1	371800	3762900	NonCancerChronicDerived_Inh	2.96E-05	3.74E-04	4.59E-06	3.56E-05	2.68E-07	2.99E-05	1.33E-03	2.96E-05	8.02E-06	0.00E+00	2.67E-07	1.10E-03	0.00E+00	0.00E+00	1.33E-03
545	CARTGRID	1	371900	3762900	NonCancerChronicDerived_Inh	3.28E-05	4.15E-04	5.09E-06	3.95E-05	2.94E-07	3.31E-05	1.47E-03	3.28E-05	8.82E-06	0.00E+00	2.92E-07	1.21E-03	0.00E+00	0.00E+00	1.47E-03
546	CARTGRID	1	372000	3762900	NonCancerChronicDerived_Inh	3.68E-05	4.65E-04	5.70E-06	4.42E-05	3.27E-07	3.71E-05	1.65E-03	3.68E-05	9.86E-06	0.00E+00	3.25E-07	1.35E-03	0.00E+00	0.00E+00	1.65E-03
547	CARTGRID	1	372100	3762900	NonCancerChronicDerived_Inh	4.37E-05	5.53E-04	6.78E-06	5.26E-05	3.88E-07	4.41E-05	1.96E-03	4.37E-05	1.18E-05	0.00E+00	3.86E-07	1.62E-03	0.00E+00	0.00E+00	1.96E-03
548	CARTGRID	1	372200	3762900	NonCancerChronicDerived_Inh	4.98E-05	6.29E-04	7.72E-06	5.98E-05	4.27E-07	5.02E-05	2.23E-03	4.97E-05	1.30E-05	0.00E+00	4.25E-07	1.79E-03	0.00E+00	0.00E+00	2.23E-03
549	CARTGRID	1	372300	3762900	NonCancerChronicDerived_Inh	5.36E-05	6.78E-04	8.32E-06	6.45E-05	4.42E-07	5.41E-05	2.40E-03	5.36E-05	1.35E-05	0.00E+00	4.39E-07	1.88E-03	0.00E+00	0.00E+00	2.40E-03
550	CARTGRID	1	372400	3762900	NonCancerChronicDerived_Inh	6.02E-05	7.61E-04	9.34E-06	7.23E-05	4.81E-07	6.07E-05	2.69E-03	6.02E-05	1.48E-05	0.00E+00	4.78E-07	2.07E-03	0.00E+00	0.00E+00	2.69E-03
551	CARTGRID	1	372500	3762900	NonCancerChronicDerived_Inh	7.15E-05	9.04E-04	1.11E-05	8.59E-05	5.59E-07	7.21E-05	3.19E-03	7.15E-05	1.70E-05	0.00E+00	5.55E-07	2.38E-03	0.00E+00	0.00E+00	3.19E-03
552	CARTGRID	1	372600	3762900	NonCancerChronicDerived_Inh	7.68E-05	9.71E-04	1.19E-05	9.23E-05	6.07E-07	7.74E-05	3.43E-03	7.68E-05	1.86E-05	0.00E+00	6.03E-07	2.60E-03	0.00E+00	0.00E+00	3.43E-03
553	CARTGRID	1	372700	3762900	NonCancerChronicDerived_Inh	7.94E-05	1.00E-03	1.23E-05	9.54E-05	6.54E-07	8.00E-05	3.55E-03	7.94E-05	2.00E-05	0.00E+00	6.49E-07	2.77E-03	0.00E+00	0.00E+00	3.55E-03
554	CARTGRID	1	372800	3762900	NonCancerChronicDerived_Inh	7.79E-05	9.85E-04	1.21E-05	9.37E-05	6.97E-07	7.86E-05	3.49E-03	7.79E-05	2.13E-05	0.00E+00	6.92E-07	2.93E-03	0.00E+00	0.00E+00	3.49E-03
555	CARTGRID	1	372900	3762900	NonCancerChronicDerived_Inh	7.99E-05	1.01E-03	1.24E-05	9.62E-05	7.45E-07	8.07E-05	3.58E-03	7.99E-05	2.29E-05	0.00E+00	7.40E-07	3.15E-03	0.00E+00	0.00E+00	3.58E-03
556	CARTGRID	1	373000	3762900	NonCancerChronicDerived_Inh	8.74E-05	1.11E-03	1.35E-05	1.05E-04	8.18E-07	8.82E-05	3.91E-03	8.74E-05	2.61E-05	0.00E+00	8.13E-07	3.64E-03	0.00E+00	0.00E+00	3.91E-03
557	CARTGRID	1	373100	3762900	NonCancerChronicDerived_Inh	9.49E-05	1.20E-03	1.47E-05	1.14E-04	8.34E-07	9.58E-05	4.24E-03	9.49E-05	2.65E-05	0.00E+00	8.29E-07	3.72E-03	0.00E+00	0.00E+00	4.24E-03
558	CARTGRID	1	373200	3762900	NonCancerChronicDerived_Inh	9.41E-05	1.19E-03	1.46E-05	1.13E-04	9.06E-07	9.51E-05	4.22E-03	9.41E-05	2.90E-05	0.00E+00	9.01E-07	4.00E-03	0.00E+00	0.00E+00	4.22E-03
559	CARTGRID	1	373300	3762900	NonCancerChronicDerived_Inh	1.08E-04	1.37E-03	1.67E-05	1.30E-04	1.46E-06	1.10E-04	4.90E-03	1.08E-04	4.68E-05	0.00E+00	1.45E-06	6.15E-03	0.00E+00	0.00E+00	6.15E-03
560	CARTGRID	1	373400	3762900	NonCancerChronicDerived_Inh	1.33E-04	1.70E-03	2.06E-05	1.62E-04	2.90E-06	1.36E-04	6.15E-03	1.33E-04	9.35E-05	0.00E+00	2.89E-06	1.18E-02	0.00E+00	0.00E+00	1.18E-02
561	CARTGRID	1	373500	3762900	NonCancerChronicDerived_Inh	1.72E-04	2.18E-03	2.67E-05	2.07E-04	1.48E-06	1.74E-04	7.68E-03	1.72E-04	5.40E-05	0.00E+00	1.47E-06	8.10E-03	0.00E+00	0.00E+00	8.10E-03
562	CARTGRID	1	373600	3762900	NonCancerChronicDerived_Inh	1.83E-04	2.34E-03	2.84E-05	2.22E-04	3.68E-06	1.87E-04	8.43E-03	1.83E-04	1.22E-04	0.00E+00	3.67E-06	1.58E-02	0.00E+00	0.00E+00	1.58E-02
563	CARTGRID	1	373700	3762900	NonCancerChronicDerived_Inh	2.16E-04	2.73E-03	3.35E-05	2.60E-04	1.91E-06	2.18E-04	9.65E-03	2.16E-04	6.99E-05	0.00E+00	1.89E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02
564	CARTGRID	1	373800	3762900	NonCancerChronicDerived_Inh	3.82E-04	4.82E-03	5.93E-05	4.58E-04	2.18E-06	3.85E-04	1.69E-02	3.82E-04	7.00E-05	0.00E+00	2.16E-06	1.03E-02	0.00E+00	0.00E+00	1.69E-02
565	CARTGRID	1	373900	3762900	NonCancerChronicDerived_Inh	8.69E-03	1.09E-01	1.35E-03	1.04E-02	2.36E-06	8.70E-03	3.79E-01	8.69E-03	6.15E-05	0.00E+00	1.89E-06	4.95E-02	0.00E+00	0.00E+00	3.79E-01
566	CARTGRID	1	374000	3762900	NonCancerChronicDerived_Inh	1.01E-03	1.27E-02	1.57E-04	1.21E-03	2.29E-06	1.01E-03	4.42E-02	1.01E-03	6.89E-05	0.00E+00	2.23E-06	1.27E-02	0.00E+00	0.00E+00	4.42E-02
567	CARTGRID	1	374100	3762900	NonCancerChronicDerived_Inh	2.02E-04	2.55E-03	3.14E-05	2.43E-04	1.63E-06	2.04E-04	9.01E-03	2.02E-04	4.96E-05	0.00E+00	1.62E-06	6.59E-03	0.00E+00	0.00E+00	9.01E-03
568	CARTGRID	1	374200	3762900	NonCancerChronicDerived_Inh	7.46E-05	9.48E-04	1.16E-05	9.04E-05	1.40E-06	7.60E-05	3.43E-03	7.46E-05	4.27E-05	0.00E+00	1.39E-06	5.18E-03	0.00E+00	0.00E+00	5.18E-03
569	CARTGRID	1	374300	3762900	NonCancerChronicDerived_Inh	3.69E-05	4.70E-04	5.72E-06	4.48E-05	8.19E-07	3.77E-05	1.71E-03	3.69E-05	2.51E-05	0.00E+00	8.17E-07	3.03E-03	0.00E+00	0.00E+00	3.03E-03
570	CARTGRID	1	374400	3762900	NonCancerChronicDerived_Inh	2.36E-05	3.01E-04	3.67E-06	2.87E-05	5.18E-07	2.42E-05	1.10E-03	2.36E-05	1.59E-05	0.00E+00	5.17E-07	1.93E-03	0.00E+00	0.00E+00	1.93E-03
571	CARTGRID	1	374500	3762900	NonCancerChronicDerived_Inh	1.92E-05	2.46E-04	2.98E-06	2.35E-05	5.28E-07	1.97E-05	9.06E-04	1.92E-05	1.61E-05	0.00E+00	5.27E-07	1.94E-03	0.00E+00	0.00E+00	1.94E-03
572	CARTGRID	1	374600	3762900	NonCancerChronicDerived_Inh	1.67E-05	2.14E-04	2.59E-06	2.04E-05	4.41E-07	1.72E-05	7.87E-04	1.67E-05	1.35E-05	0.00E+00	4.40E-07	1.63E-03	0.00E+00	0.00E+00	1.63E-03
573	CARTGRID	1	374700	3762900	NonCancerChronicDerived_Inh	1.85E-05	2.36E-04	2.87E-06	2.25E-05	4.62E-07	1.90E-05	8.67E-04	1.85E-05	1.42E-05	0.00E+00	4.61E-07	1.72E-03	0.00E+00	0.00E+00	1.72E-03
574	CARTGRID	1	374800	3762900	NonCancerChronicDerived_Inh	1.38E-05	1.77E-04	2.14E-06	1.69E-05	3.56E-07	1.42E-05	6.49E-04	1.38E-05	1.09E-05	0.00E+00	3.56E-07	1.32E-03	0.00E+00	0.00E+00	1.32E-03
575	CARTGRID	1	374900	3762900	NonCancerChronicDerived_Inh	1.11E-05	1.42E-04	1.73E-06	1.36E-05	2.81E-07	1.14E-05	5.22E-04	1.11E-05	8.61E-06	0.00E+00	2.81E-07	1.05E-03	0.00E+00	0.00E+00	1.05E-03
576	CARTGRID	1	375000	3762900	NonCancerChronicDerived_Inh	1.03E-05	1.32E-04	1.60E-06	1.26E-05	2.52E-07	1.06E-05	4.83E-04	1.03E-05	7.71E-06	0.00E+00	2.52E-07	9.39E-04	0.00E+00	0.00E+00	9.39E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
577	CARTGRID	1	371500	3763000	NonCancerChronicDerived_Inh	2.33E-05	2.94E-04	3.61E-06	2.80E-05	2.23E-07	2.35E-05	1.05E-03	2.33E-05	6.63E-06	0.00E+00	2.22E-07	9.00E-04	0.00E+00	0.00E+00	1.05E-03
578	CARTGRID	1	371600	3763000	NonCancerChronicDerived_Inh	2.56E-05	3.24E-04	3.97E-06	3.08E-05	2.40E-07	2.59E-05	1.15E-03	2.56E-05	7.15E-06	0.00E+00	2.39E-07	9.73E-04	0.00E+00	0.00E+00	1.15E-03
579	CARTGRID	1	371700	3763000	NonCancerChronicDerived_Inh	2.82E-05	3.57E-04	4.38E-06	3.40E-05	2.58E-07	2.85E-05	1.27E-03	2.82E-05	7.72E-06	0.00E+00	2.57E-07	1.05E-03	0.00E+00	0.00E+00	1.27E-03
580	CARTGRID	1	371800	3763000	NonCancerChronicDerived_Inh	3.12E-05	3.94E-04	4.84E-06	3.75E-05	2.79E-07	3.15E-05	1.40E-03	3.12E-05	8.35E-06	0.00E+00	2.77E-07	1.14E-03	0.00E+00	0.00E+00	1.40E-03
581	CARTGRID	1	371900	3763000	NonCancerChronicDerived_Inh	3.46E-05	4.37E-04	5.36E-06	4.16E-05	3.03E-07	3.49E-05	1.55E-03	3.46E-05	9.10E-06	0.00E+00	3.01E-07	1.25E-03	0.00E+00	0.00E+00	1.55E-03
582	CARTGRID	1	372000	3763000	NonCancerChronicDerived_Inh	3.87E-05	4.89E-04	6.00E-06	4.65E-05	3.34E-07	3.90E-05	1.73E-03	3.87E-05	1.01E-05	0.00E+00	3.32E-07	1.38E-03	0.00E+00	0.00E+00	1.73E-03
583	CARTGRID	1	372100	3763000	NonCancerChronicDerived_Inh	4.41E-05	5.58E-04	6.84E-06	5.31E-05	3.78E-07	4.45E-05	1.98E-03	4.41E-05	1.15E-05	0.00E+00	3.76E-07	1.58E-03	0.00E+00	0.00E+00	1.98E-03
584	CARTGRID	1	372200	3763000	NonCancerChronicDerived_Inh	5.40E-05	6.84E-04	8.39E-06	6.50E-05	4.58E-07	5.45E-05	2.42E-03	5.40E-05	1.39E-05	0.00E+00	4.55E-07	1.91E-03	0.00E+00	0.00E+00	2.42E-03
585	CARTGRID	1	372300	3763000	NonCancerChronicDerived_Inh	6.23E-05	7.89E-04	9.67E-06	7.50E-05	5.04E-07	6.29E-05	2.79E-03	6.23E-05	1.53E-05	0.00E+00	5.01E-07	2.11E-03	0.00E+00	0.00E+00	2.79E-03
586	CARTGRID	1	372400	3763000	NonCancerChronicDerived_Inh	7.05E-05	8.91E-04	1.09E-05	8.47E-05	5.44E-07	7.10E-05	3.14E-03	7.05E-05	1.66E-05	0.00E+00	5.40E-07	2.31E-03	0.00E+00	0.00E+00	3.14E-03
587	CARTGRID	1	372500	3763000	NonCancerChronicDerived_Inh	8.16E-05	1.03E-03	1.27E-05	9.81E-05	6.00E-07	8.22E-05	3.64E-03	8.16E-05	1.83E-05	0.00E+00	5.95E-07	2.58E-03	0.00E+00	0.00E+00	3.64E-03
588	CARTGRID	1	372600	3763000	NonCancerChronicDerived_Inh	9.52E-05	1.20E-03	1.48E-05	1.14E-04	6.69E-07	9.59E-05	4.24E-03	9.52E-05	2.04E-05	0.00E+00	6.64E-07	2.87E-03	0.00E+00	0.00E+00	4.24E-03
589	CARTGRID	1	372700	3763000	NonCancerChronicDerived_Inh	1.03E-04	1.30E-03	1.59E-05	1.23E-04	7.39E-07	1.03E-04	4.57E-03	1.03E-04	2.25E-05	0.00E+00	7.33E-07	3.17E-03	0.00E+00	0.00E+00	4.57E-03
590	CARTGRID	1	372800	3763000	NonCancerChronicDerived_Inh	9.91E-05	1.25E-03	1.54E-05	1.19E-04	7.84E-07	9.99E-05	4.42E-03	9.91E-05	2.38E-05	0.00E+00	7.79E-07	3.29E-03	0.00E+00	0.00E+00	4.42E-03
591	CARTGRID	1	372900	3763000	NonCancerChronicDerived_Inh	9.95E-05	1.26E-03	1.54E-05	1.20E-04	8.96E-07	1.00E-04	4.45E-03	9.95E-05	2.73E-05	0.00E+00	8.90E-07	3.73E-03	0.00E+00	0.00E+00	4.45E-03
592	CARTGRID	1	373000	3763000	NonCancerChronicDerived_Inh	1.08E-04	1.36E-03	1.67E-05	1.30E-04	1.01E-06	1.09E-04	4.82E-03	1.08E-04	3.14E-05	0.00E+00	1.00E-06	4.32E-03	0.00E+00	0.00E+00	4.82E-03
593	CARTGRID	1	373100	3763000	NonCancerChronicDerived_Inh	1.06E-04	1.34E-03	1.64E-05	1.28E-04	1.21E-06	1.07E-04	4.77E-03	1.06E-04	3.72E-05	0.00E+00	1.21E-06	4.92E-03	0.00E+00	0.00E+00	4.92E-03
594	CARTGRID	1	373200	3763000	NonCancerChronicDerived_Inh	1.12E-04	1.41E-03	1.73E-05	1.34E-04	1.05E-06	1.13E-04	5.01E-03	1.12E-04	3.33E-05	0.00E+00	1.05E-06	4.59E-03	0.00E+00	0.00E+00	5.01E-03
595	CARTGRID	1	373300	3763000	NonCancerChronicDerived_Inh	1.37E-04	1.73E-03	2.12E-05	1.65E-04	1.35E-06	1.39E-04	6.14E-03	1.37E-04	4.43E-05	0.00E+00	1.35E-06	6.14E-03	0.00E+00	0.00E+00	6.14E-03
596	CARTGRID	1	373400	3763000	NonCancerChronicDerived_Inh	1.72E-04	2.18E-03	2.67E-05	2.07E-04	1.45E-06	1.74E-04	7.68E-03	1.72E-04	5.14E-05	0.00E+00	1.44E-06	7.65E-03	0.00E+00	0.00E+00	7.68E-03
597	CARTGRID	1	373500	3763000	NonCancerChronicDerived_Inh	4.00E-04	5.06E-03	6.20E-05	4.80E-04	3.00E-06	4.03E-04	1.78E-02	4.00E-04	1.21E-04	0.00E+00	2.98E-06	1.95E-02	0.00E+00	0.00E+00	1.95E-02
598	CARTGRID	1	373600	3763000	NonCancerChronicDerived_Inh	6.86E-04	8.65E-03	1.07E-04	8.21E-04	1.77E-06	6.88E-04	3.01E-02	6.86E-04	9.33E-05	0.00E+00	1.73E-06	1.90E-02	0.00E+00	0.00E+00	3.01E-02
599	CARTGRID	1	373700	3763000	NonCancerChronicDerived_Inh	8.20E-04	1.03E-02	1.27E-04	9.80E-04	1.80E-06	8.21E-04	3.59E-02	8.20E-04	8.47E-05	0.00E+00	1.76E-06	1.75E-02	0.00E+00	0.00E+00	3.59E-02
600	CARTGRID	1	373800	3763000	NonCancerChronicDerived_Inh	4.89E-04	6.16E-03	7.59E-05	5.85E-04	1.29E-06	4.91E-04	2.15E-02	4.89E-04	7.09E-05	0.00E+00	1.26E-06	1.45E-02	0.00E+00	0.00E+00	2.15E-02
601	CARTGRID	1	373900	3763000	NonCancerChronicDerived_Inh	9.19E-03	1.15E-01	1.43E-03	1.10E-02	1.99E-06	9.19E-03	4.00E-01	9.18E-03	5.56E-05	0.00E+00	1.49E-06	5.20E-02	0.00E+00	0.00E+00	4.00E-01
602	CARTGRID	1	374000	3763000	NonCancerChronicDerived_Inh	8.64E-04	1.09E-02	1.34E-04	1.03E-03	1.69E-06	8.66E-04	3.78E-02	8.64E-04	5.17E-05	0.00E+00	1.64E-06	1.02E-02	0.00E+00	0.00E+00	3.78E-02
603	CARTGRID	1	374100	3763000	NonCancerChronicDerived_Inh	3.82E-04	4.80E-03	5.93E-05	4.57E-04	1.02E-06	3.83E-04	1.68E-02	3.82E-04	3.14E-05	0.00E+00	1.00E-06	5.50E-03	0.00E+00	0.00E+00	1.68E-02
604	CARTGRID	1	374200	3763000	NonCancerChronicDerived_Inh	1.70E-04	2.14E-03	2.64E-05	2.04E-04	8.67E-07	1.71E-04	7.53E-03	1.70E-04	2.66E-05	0.00E+00	8.57E-07	3.89E-03	0.00E+00	0.00E+00	7.53E-03
605	CARTGRID	1	374300	3763000	NonCancerChronicDerived_Inh	7.90E-05	9.97E-04	1.23E-05	9.49E-05	5.88E-07	7.96E-05	3.52E-03	7.90E-05	1.81E-05	0.00E+00	5.84E-07	2.48E-03	0.00E+00	0.00E+00	3.52E-03
606	CARTGRID	1	374400	3763000	NonCancerChronicDerived_Inh	4.62E-05	5.84E-04	7.17E-06	5.56E-05	4.69E-07	4.67E-05	2.07E-03	4.62E-05	1.45E-05	0.00E+00	4.66E-07	1.90E-03	0.00E+00	0.00E+00	2.07E-03
607	CARTGRID	1	374500	3763000	NonCancerChronicDerived_Inh	3.19E-05	4.04E-04	4.95E-06	3.85E-05	4.12E-07	3.23E-05	1.45E-03	3.19E-05	1.27E-05	0.00E+00	4.11E-07	1.63E-03	0.00E+00	0.00E+00	1.63E-03
608	CARTGRID	1	374600	3763000	NonCancerChronicDerived_Inh	2.48E-05	3.15E-04	3.85E-06	3.00E-05	3.93E-07	2.52E-05	1.13E-03	2.48E-05	1.21E-05	0.00E+00	3.91E-07	1.52E-03	0.00E+00	0.00E+00	1.52E-03
609	CARTGRID	1	374700	3763000	NonCancerChronicDerived_Inh	2.59E-05	3.29E-04	4.02E-06	3.14E-05	4.25E-07	2.64E-05	1.19E-03	2.59E-05	1.31E-05	0.00E+00	4.23E-07	1.65E-03	0.00E+00	0.00E+00	1.65E-03
610	CARTGRID	1	374800	3763000	NonCancerChronicDerived_Inh	2.03E-05	2.58E-04	3.14E-06	2.45E-05	3.65E-07	2.06E-05	9.31E-04	2.03E-05	1.13E-05	0.00E+00	3.64E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
611	CARTGRID	1	374900	3763000	NonCancerChronicDerived_Inh	1.39E-05	1.77E-04	2.16E-06	1.69E-05	2.69E-07	1.42E-05	6.43E-04	1.39E-05	8.26E-06	0.00E+00	2.69E-07	1.03E-03	0.00E+00	0.00E+00	1.03E-03
612	CARTGRID	1	375000	3763000	NonCancerChronicDerived_Inh	1.27E-05	1.62E-04	1.97E-06	1.54E-05	2.49E-07	1.30E-05	5.87E-04	1.27E-05	7.62E-06	0.00E+00	2.48E-07	9.46E-04	0.00E+00	0.00E+00	9.46E-04
613	CARTGRID	1	371500	3763100	NonCancerChronicDerived_Inh	2.37E-05	3.00E-04	3.68E-06	2.85E-05	2.27E-07	2.39E-05	1.07E-03	2.37E-05	6.77E-06	0.00E+00	2.26E-07	9.17E-04	0.00E+00	0.00E+00	1.07E-03
614	CARTGRID	1	371600	3763100	NonCancerChronicDerived_Inh	2.63E-05	3.33E-04	4.08E-06	3.17E-05	2.46E-07	2.66E-05	1.18E-03	2.63E-05	7.34E-06	0.00E+00	2.45E-07	9.98E-04	0.00E+00	0.00E+00	1.18E-03
615	CARTGRID	1	371700	3763100	NonCancerChronicDerived_Inh	2.92E-05	3.70E-04	4.53E-06	3.52E-05	2.66E-07	2.95E-05	1.31E-03	2.92E-05	7.95E-06	0.00E+00	2.64E-07	1.08E-03	0.00E+00	0.00E+00	1.31E-03
616	CARTGRID	1	371800	3763100	NonCancerChronicDerived_Inh	3.26E-05	4.12E-04	5.05E-06	3.92E-05	2.88E-07	3.29E-05	1.46E-03	3.26E-05	8.63E-06	0.00E+00	2.86E-07	1.18E-03	0.00E+00	0.00E+00	1.46E-03
617	CARTGRID	1	371900	3763100	NonCancerChronicDerived_Inh	3.65E-05	4.61E-04	5.66E-06	4.39E-05	3.14E-07	3.68E-05	1.63E-03	3.65E-05	9.44E-06	0.00E+00	3.12E-07	1.29E-03	0.00E+00	0.00E+00	1.63E-03
618	CARTGRID	1	372000	3763100	NonCancerChronicDerived_Inh	4.13E-05	5.22E-04	6.41E-06	4.97E-05	3.50E-07	4.17E-05	1.85E-03	4.13E-05	1.06E-05	0.00E+00	3.48E-07	1.45E-03	0.00E+00	0.00E+00	1.85E-03
619	CARTGRID	1	372100	3763100	NonCancerChronicDerived_Inh	4.62E-05	5.85E-04	7.17E-06	5.56E-05	3.79E-07	4.66E-05	2.07E-03	4.62E-05	1.14E-05	0.00E+00	3.76E-07	1.58E-03	0.00E+00	0.00E+00	2.07E-03
620	CARTGRID	1	372200	3763100	NonCancerChronicDerived_Inh	5.31E-05	6.71E-04	8.23E-06	6.38E-05	4.26E-07	5.35E-05	2.37E-03	5.31E-05	1.29E-05	0.00E+00	4.23E-07	1.79E-03	0.00E+00	0.00E+00	2.37E-03
621	CARTGRID	1	372300	3763100	NonCancerChronicDerived_Inh	6.76E-05	8.55E-04	1.05E-05	8.13E-05	5.36E-07	6.81E-05	3.02E-03	6.76E-05	1.62E-05	0.00E+00	5.32E-07	2.24E-03	0.00E+00	0.00E+00	3.02E-03
622	CARTGRID	1	372400	3763100	NonCancerChronicDerived_Inh	8.12E-05	1.03E-03	1.26E-05	9.76E-05	5.81E-07	8.18E-05	3.62E-03	8.12E-05	1.75E-05	0.00E+00	5.77E-07	2.44E-03	0.00E+00	0.00E+00	3.62E-03
623	CARTGRID	1	372500	3763100	NonCancerChronicDerived_Inh	9.28E-05	1.17E-03	1.44E-05	1.12E-04	6.51E-07	9.35E-05	4.13E-03	9.28E-05	1.99E-05	0.00E+00	6.46E-07	2.79E-03	0.00E+00	0.00E+00	4.13E-03
624	CARTGRID	1	372600	3763100	NonCancerChronicDerived_Inh	1.14E-04	1.44E-03	1.77E-05	1.37E-04	7.38E-07	1.15E-04	5.07E-03	1.14E-04	2.25E-05	0.00E+00	7.32E-07	3.21E-03	0.00E+00	0.00E+00	5.07E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
625	CARTGRID	1	372700	3763100	NonCancerChronicDerived_Inh	1.34E-04	1.70E-03	2.09E-05	1.61E-04	8.36E-07	1.35E-04	5.97E-03	1.34E-04	2.56E-05	0.00E+00	8.28E-07	3.67E-03	0.00E+00	0.00E+00	5.97E-03
626	CARTGRID	1	372800	3763100	NonCancerChronicDerived_Inh	1.42E-04	1.80E-03	2.21E-05	1.71E-04	1.01E-06	1.43E-04	6.33E-03	1.42E-04	3.04E-05	0.00E+00	1.00E-06	4.22E-03	0.00E+00	0.00E+00	6.33E-03
627	CARTGRID	1	372900	3763100	NonCancerChronicDerived_Inh	1.39E-04	1.75E-03	2.15E-05	1.67E-04	1.11E-06	1.40E-04	6.18E-03	1.39E-04	3.37E-05	0.00E+00	1.10E-06	4.63E-03	0.00E+00	0.00E+00	6.18E-03
628	CARTGRID	1	373000	3763100	NonCancerChronicDerived_Inh	1.13E-04	1.43E-03	1.75E-05	1.36E-04	1.42E-06	1.14E-04	5.13E-03	1.13E-04	4.21E-05	0.00E+00	1.42E-06	5.40E-03	0.00E+00	0.00E+00	5.40E-03
629	CARTGRID	1	373100	3763100	NonCancerChronicDerived_Inh	1.26E-04	1.60E-03	1.96E-05	1.52E-04	1.17E-06	1.27E-04	5.65E-03	1.26E-04	3.52E-05	0.00E+00	1.16E-06	4.79E-03	0.00E+00	0.00E+00	5.65E-03
630	CARTGRID	1	373200	3763100	NonCancerChronicDerived_Inh	1.49E-04	1.89E-03	2.30E-05	1.80E-04	2.10E-06	1.51E-04	6.73E-03	1.49E-04	6.52E-05	0.00E+00	2.09E-06	8.40E-03	0.00E+00	0.00E+00	8.40E-03
631	CARTGRID	1	373300	3763100	NonCancerChronicDerived_Inh	1.75E-04	2.23E-03	2.71E-05	2.12E-04	3.41E-06	1.79E-04	8.03E-03	1.75E-04	1.07E-04	0.00E+00	3.41E-06	1.33E-02	0.00E+00	0.00E+00	1.33E-02
632	CARTGRID	1	373400	3763100	NonCancerChronicDerived_Inh	2.44E-04	3.08E-03	3.78E-05	2.93E-04	1.56E-06	2.46E-04	1.08E-02	2.44E-04	5.77E-05	0.00E+00	1.55E-06	9.11E-03	0.00E+00	0.00E+00	1.08E-02
633	CARTGRID	1	373500	3763100	NonCancerChronicDerived_Inh	7.72E-04	9.72E-03	1.20E-04	9.23E-04	1.44E-06	7.74E-04	3.38E-02	7.72E-04	8.02E-05	0.00E+00	1.40E-06	1.76E-02	0.00E+00	0.00E+00	3.38E-02
634	CARTGRID	1	373600	3763100	NonCancerChronicDerived_Inh	4.11E-04	5.17E-03	6.36E-05	4.91E-04	1.28E-06	4.12E-04	1.80E-02	4.11E-04	5.67E-05	0.00E+00	1.26E-06	1.08E-02	0.00E+00	0.00E+00	1.80E-02
635	CARTGRID	1	373700	3763100	NonCancerChronicDerived_Inh	5.92E-04	7.46E-03	9.17E-05	7.08E-04	2.24E-06	5.94E-04	2.60E-02	5.92E-04	7.71E-05	0.00E+00	2.21E-06	1.29E-02	0.00E+00	0.00E+00	2.60E-02
636	CARTGRID	1	373800	3763100	NonCancerChronicDerived_Inh	1.26E-03	1.59E-02	1.96E-04	1.51E-03	2.10E-06	1.27E-03	5.53E-02	1.26E-03	8.98E-05	0.00E+00	2.03E-06	1.98E-02	0.00E+00	0.00E+00	5.53E-02
637	CARTGRID	1	373900	3763100	NonCancerChronicDerived_Inh	6.60E-03	8.28E-02	1.02E-03	7.88E-03	2.30E-06	6.60E-03	2.87E-01	6.60E-03	7.83E-05	0.00E+00	1.95E-06	4.33E-02	0.00E+00	0.00E+00	2.87E-01
638	CARTGRID	1	374000	3763100	NonCancerChronicDerived_Inh	7.74E-04	9.72E-03	1.20E-04	9.25E-04	1.26E-06	7.75E-04	3.38E-02	7.74E-04	4.23E-05	0.00E+00	1.22E-06	9.16E-03	0.00E+00	0.00E+00	3.38E-02
639	CARTGRID	1	374100	3763100	NonCancerChronicDerived_Inh	4.08E-04	5.12E-03	6.34E-05	4.88E-04	6.61E-07	4.09E-04	1.79E-02	4.08E-04	2.18E-05	0.00E+00	6.39E-07	4.76E-03	0.00E+00	0.00E+00	1.79E-02
640	CARTGRID	1	374200	3763100	NonCancerChronicDerived_Inh	2.52E-04	3.17E-03	3.91E-05	3.01E-04	9.37E-07	2.53E-04	1.11E-02	2.52E-04	2.93E-05	0.00E+00	9.23E-07	4.68E-03	0.00E+00	0.00E+00	1.11E-02
641	CARTGRID	1	374300	3763100	NonCancerChronicDerived_Inh	1.54E-04	1.93E-03	2.39E-05	1.84E-04	5.26E-07	1.54E-04	6.77E-03	1.54E-04	1.65E-05	0.00E+00	5.18E-07	2.72E-03	0.00E+00	0.00E+00	6.77E-03
642	CARTGRID	1	374400	3763100	NonCancerChronicDerived_Inh	9.81E-05	1.23E-03	1.52E-05	1.18E-04	4.58E-07	9.85E-05	4.33E-03	9.81E-05	1.43E-05	0.00E+00	4.53E-07	2.17E-03	0.00E+00	0.00E+00	4.33E-03
643	CARTGRID	1	374500	3763100	NonCancerChronicDerived_Inh	6.93E-05	8.74E-04	1.08E-05	8.32E-05	4.41E-07	6.98E-05	3.08E-03	6.93E-05	1.38E-05	0.00E+00	4.37E-07	1.96E-03	0.00E+00	0.00E+00	3.08E-03
644	CARTGRID	1	374600	3763100	NonCancerChronicDerived_Inh	4.49E-05	5.67E-04	6.97E-06	5.40E-05	3.71E-07	4.53E-05	2.01E-03	4.49E-05	1.15E-05	0.00E+00	3.69E-07	1.57E-03	0.00E+00	0.00E+00	2.01E-03
645	CARTGRID	1	374700	3763100	NonCancerChronicDerived_Inh	3.96E-05	5.00E-04	6.14E-06	4.76E-05	3.87E-07	4.00E-05	1.77E-03	3.96E-05	1.20E-05	0.00E+00	3.84E-07	1.60E-03	0.00E+00	0.00E+00	1.77E-03
646	CARTGRID	1	374800	3763100	NonCancerChronicDerived_Inh	3.62E-05	4.58E-04	5.61E-06	4.36E-05	3.87E-07	3.66E-05	1.63E-03	3.62E-05	1.21E-05	0.00E+00	3.85E-07	1.60E-03	0.00E+00	0.00E+00	1.63E-03
647	CARTGRID	1	374900	3763100	NonCancerChronicDerived_Inh	2.71E-05	3.43E-04	4.20E-06	3.26E-05	3.40E-07	2.74E-05	1.22E-03	2.71E-05	1.06E-05	0.00E+00	3.38E-07	1.37E-03	0.00E+00	0.00E+00	1.37E-03
648	CARTGRID	1	375000	3763100	NonCancerChronicDerived_Inh	1.69E-05	2.14E-04	2.62E-06	2.04E-05	2.45E-07	1.71E-05	7.68E-04	1.69E-05	7.52E-06	0.00E+00	2.44E-07	9.61E-04	0.00E+00	0.00E+00	9.61E-04
649	CARTGRID	1	371500	3763200	NonCancerChronicDerived_Inh	2.40E-05	3.03E-04	3.72E-06	2.89E-05	2.31E-07	2.42E-05	1.08E-03	2.40E-05	6.90E-06	0.00E+00	2.30E-07	9.33E-04	0.00E+00	0.00E+00	1.08E-03
650	CARTGRID	1	371600	3763200	NonCancerChronicDerived_Inh	2.67E-05	3.38E-04	4.15E-06	3.22E-05	2.51E-07	2.70E-05	1.20E-03	2.67E-05	7.51E-06	0.00E+00	2.50E-07	1.02E-03	0.00E+00	0.00E+00	1.20E-03
651	CARTGRID	1	371700	3763200	NonCancerChronicDerived_Inh	3.00E-05	3.79E-04	4.65E-06	3.61E-05	2.73E-07	3.02E-05	1.34E-03	3.00E-05	8.18E-06	0.00E+00	2.71E-07	1.11E-03	0.00E+00	0.00E+00	1.34E-03
652	CARTGRID	1	371800	3763200	NonCancerChronicDerived_Inh	3.37E-05	4.26E-04	5.22E-06	4.05E-05	2.96E-07	3.40E-05	1.51E-03	3.37E-05	8.90E-06	0.00E+00	2.95E-07	1.21E-03	0.00E+00	0.00E+00	1.51E-03
653	CARTGRID	1	371900	3763200	NonCancerChronicDerived_Inh	3.80E-05	4.80E-04	5.89E-06	4.57E-05	3.23E-07	3.83E-05	1.70E-03	3.80E-05	9.71E-06	0.00E+00	3.21E-07	1.33E-03	0.00E+00	0.00E+00	1.70E-03
654	CARTGRID	1	372000	3763200	NonCancerChronicDerived_Inh	4.42E-05	5.59E-04	6.86E-06	5.32E-05	3.74E-07	4.46E-05	1.98E-03	4.42E-05	1.13E-05	0.00E+00	3.71E-07	1.55E-03	0.00E+00	0.00E+00	1.98E-03
655	CARTGRID	1	372100	3763200	NonCancerChronicDerived_Inh	5.17E-05	6.53E-04	8.02E-06	6.22E-05	4.29E-07	5.21E-05	2.31E-03	5.17E-05	1.30E-05	0.00E+00	4.26E-07	1.78E-03	0.00E+00	0.00E+00	2.31E-03
656	CARTGRID	1	372200	3763200	NonCancerChronicDerived_Inh	5.74E-05	7.25E-04	8.90E-06	6.89E-05	4.48E-07	5.78E-05	2.56E-03	5.74E-05	1.36E-05	0.00E+00	4.44E-07	1.87E-03	0.00E+00	0.00E+00	2.56E-03
657	CARTGRID	1	372300	3763200	NonCancerChronicDerived_Inh	6.62E-05	8.36E-04	1.03E-05	7.95E-05	4.91E-07	6.67E-05	2.95E-03	6.62E-05	1.49E-05	0.00E+00	4.87E-07	2.07E-03	0.00E+00	0.00E+00	2.95E-03
658	CARTGRID	1	372400	3763200	NonCancerChronicDerived_Inh	8.21E-05	1.04E-03	1.27E-05	9.86E-05	5.92E-07	8.27E-05	3.66E-03	8.21E-05	1.81E-05	0.00E+00	5.88E-07	2.52E-03	0.00E+00	0.00E+00	3.66E-03
659	CARTGRID	1	372500	3763200	NonCancerChronicDerived_Inh	1.07E-04	1.35E-03	1.66E-05	1.28E-04	7.17E-07	1.07E-04	4.75E-03	1.07E-04	2.17E-05	0.00E+00	7.11E-07	3.06E-03	0.00E+00	0.00E+00	4.75E-03
660	CARTGRID	1	372600	3763200	NonCancerChronicDerived_Inh	1.40E-04	1.77E-03	2.18E-05	1.68E-04	7.77E-07	1.41E-04	6.21E-03	1.40E-04	2.32E-05	0.00E+00	7.69E-07	3.38E-03	0.00E+00	0.00E+00	6.21E-03
661	CARTGRID	1	372700	3763200	NonCancerChronicDerived_Inh	1.91E-04	2.41E-03	2.97E-05	2.29E-04	9.65E-07	1.92E-04	8.45E-03	1.91E-04	2.90E-05	0.00E+00	9.55E-07	4.29E-03	0.00E+00	0.00E+00	8.45E-03
662	CARTGRID	1	372800	3763200	NonCancerChronicDerived_Inh	2.50E-04	3.16E-03	3.89E-05	3.00E-04	1.14E-06	2.51E-04	1.11E-02	2.50E-04	3.41E-05	0.00E+00	1.12E-06	5.16E-03	0.00E+00	0.00E+00	1.11E-02
663	CARTGRID	1	372900	3763200	NonCancerChronicDerived_Inh	2.26E-04	2.86E-03	3.51E-05	2.72E-04	1.99E-06	2.28E-04	1.01E-02	2.26E-04	5.98E-05	0.00E+00	1.98E-06	7.90E-03	0.00E+00	0.00E+00	1.01E-02
664	CARTGRID	1	373000	3763200	NonCancerChronicDerived_Inh	1.83E-04	2.32E-03	2.84E-05	2.20E-04	1.45E-06	1.85E-04	8.16E-03	1.83E-04	4.32E-05	0.00E+00	1.44E-06	5.87E-03	0.00E+00	0.00E+00	8.16E-03
665	CARTGRID	1	373100	3763200	NonCancerChronicDerived_Inh	1.60E-04	2.05E-03	2.49E-05	1.95E-04	3.79E-06	1.64E-04	7.45E-03	1.60E-04	1.14E-04	0.00E+00	3.78E-06	1.36E-02	0.00E+00	0.00E+00	1.36E-02
666	CARTGRID	1	373200	3763200	NonCancerChronicDerived_Inh	1.81E-04	2.30E-03	2.81E-05	2.18E-04	2.40E-06	1.83E-04	8.15E-03	1.81E-04	7.32E-05	0.00E+00	2.39E-06	9.43E-03	0.00E+00	0.00E+00	9.43E-03
667	CARTGRID	1	373300	3763200	NonCancerChronicDerived_Inh	2.16E-04	2.75E-03	3.35E-05	2.61E-04	3.29E-06	2.20E-04	9.81E-03	2.16E-04	1.02E-04	0.00E+00	3.28E-06	1.30E-02	0.00E+00	0.00E+00	1.30E-02
668	CARTGRID	1	373400	3763200	NonCancerChronicDerived_Inh	4.43E-04	5.60E-03	6.87E-05	5.32E-04	3.04E-06	4.46E-04	1.97E-02	4.43E-04	1.01E-04	0.00E+00	3.01E-06	1.49E-02	0.00E+00	0.00E+00	1.97E-02
669	CARTGRID	1	373500	3763200	NonCancerChronicDerived_Inh	5.67E-04	7.15E-03	8.78E-05	6.79E-04	2.73E-06	5.70E-04	2.50E-02	5.67E-04	1.17E-04	0.00E+00	2.70E-06	2.04E-02	0.00E+00	0.00E+00	2.50E-02
670	CARTGRID	1	373600	3763200	NonCancerChronicDerived_Inh	6.13E-04	7.71E-03	9.47E-05	7.32E-04	1.43E-06	6.14E-04	2.68E-02	6.12E-04	5.05E-05	0.00E+00	1.39E-06	9.82E-03	0.00E+00	0.00E+00	2.68E-02
671	CARTGRID	1	373700	3763200	NonCancerChronicDerived_Inh	1.17E-03	1.48E-02	1.81E-04	1.40E-03	1.14E-06	1.17E-03	5.11E-02	1.17E-03	3.85E-05	0.00E+00	1.08E-06	1.08E-02	0.00E+00	0.00E+00	5.11E-02
672	CARTGRID	1	373800	3763200	NonCancerChronicDerived_Inh	1.33E-02	1.68E-01	2.06E-03	1.59E-02	2.17E-06	1.33E-02	5.79E-01	1.33E-02	5.45E-05	0.00E+00	1.45E-06	7.23E-02	0.00E+00	0.00E+00	5.79E-01

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
673	CARTGRID	1	373900	3763200	NonCancerChronicDerived_Inh	1.96E-03	2.46E-02	3.03E-04	2.34E-03	2.15E-06	1.96E-03	8.53E-02	1.96E-03	6.97E-05	0.00E+00	2.04E-06	1.83E-02	0.00E+00	0.00E+00	8.53E-02
674	CARTGRID	1	374000	3763200	NonCancerChronicDerived_Inh	7.03E-04	8.84E-03	1.09E-04	8.41E-04	1.26E-06	7.05E-04	3.08E-02	7.03E-04	4.28E-05	0.00E+00	1.22E-06	8.97E-03	0.00E+00	0.00E+00	3.08E-02
675	CARTGRID	1	374100	3763200	NonCancerChronicDerived_Inh	3.91E-04	4.92E-03	6.07E-05	4.68E-04	6.67E-07	3.92E-04	1.71E-02	3.91E-04	2.32E-05	0.00E+00	6.46E-07	4.99E-03	0.00E+00	0.00E+00	1.71E-02
676	CARTGRID	1	374200	3763200	NonCancerChronicDerived_Inh	2.73E-04	3.42E-03	4.23E-05	3.26E-04	4.19E-07	2.73E-04	1.19E-02	2.73E-04	1.45E-05	0.00E+00	4.04E-07	3.27E-03	0.00E+00	0.00E+00	1.19E-02
677	CARTGRID	1	374300	3763200	NonCancerChronicDerived_Inh	2.09E-04	2.62E-03	3.24E-05	2.49E-04	3.98E-07	2.09E-04	9.14E-03	2.09E-04	1.32E-05	0.00E+00	3.86E-07	2.70E-03	0.00E+00	0.00E+00	9.14E-03
678	CARTGRID	1	374400	3763200	NonCancerChronicDerived_Inh	1.59E-04	2.00E-03	2.47E-05	1.90E-04	4.24E-07	1.59E-04	6.97E-03	1.59E-04	1.36E-05	0.00E+00	4.15E-07	2.45E-03	0.00E+00	0.00E+00	6.97E-03
679	CARTGRID	1	374500	3763200	NonCancerChronicDerived_Inh	1.27E-04	1.60E-03	1.97E-05	1.52E-04	4.40E-07	1.28E-04	5.59E-03	1.27E-04	1.40E-05	0.00E+00	4.33E-07	2.31E-03	0.00E+00	0.00E+00	5.59E-03
680	CARTGRID	1	374600	3763200	NonCancerChronicDerived_Inh	7.72E-05	9.72E-04	1.20E-05	9.25E-05	3.50E-07	7.76E-05	3.41E-03	7.72E-05	1.10E-05	0.00E+00	3.46E-07	1.70E-03	0.00E+00	0.00E+00	3.41E-03
681	CARTGRID	1	374700	3763200	NonCancerChronicDerived_Inh	6.19E-05	7.80E-04	9.60E-06	7.42E-05	3.54E-07	6.23E-05	2.74E-03	6.19E-05	1.11E-05	0.00E+00	3.50E-07	1.62E-03	0.00E+00	0.00E+00	2.74E-03
682	CARTGRID	1	374800	3763200	NonCancerChronicDerived_Inh	5.29E-05	6.67E-04	8.21E-06	6.35E-05	3.57E-07	5.33E-05	2.35E-03	5.29E-05	1.12E-05	0.00E+00	3.54E-07	1.60E-03	0.00E+00	0.00E+00	2.35E-03
683	CARTGRID	1	374900	3763200	NonCancerChronicDerived_Inh	4.57E-05	5.76E-04	7.08E-06	5.48E-05	3.50E-07	4.60E-05	2.04E-03	4.57E-05	1.10E-05	0.00E+00	3.48E-07	1.54E-03	0.00E+00	0.00E+00	2.04E-03
684	CARTGRID	1	375000	3763200	NonCancerChronicDerived_Inh	3.31E-05	4.19E-04	5.14E-06	3.98E-05	3.08E-07	3.34E-05	1.48E-03	3.31E-05	9.61E-06	0.00E+00	3.06E-07	1.30E-03	0.00E+00	0.00E+00	1.48E-03
685	CARTGRID	1	371500	3763300	NonCancerChronicDerived_Inh	2.41E-05	3.05E-04	3.74E-06	2.90E-05	2.34E-07	2.43E-05	1.08E-03	2.41E-05	6.99E-06	0.00E+00	2.33E-07	9.43E-04	0.00E+00	0.00E+00	1.08E-03
686	CARTGRID	1	371600	3763300	NonCancerChronicDerived_Inh	2.70E-05	3.42E-04	4.19E-06	3.25E-05	2.55E-07	2.73E-05	1.21E-03	2.70E-05	7.65E-06	0.00E+00	2.54E-07	1.03E-03	0.00E+00	0.00E+00	1.21E-03
687	CARTGRID	1	371700	3763300	NonCancerChronicDerived_Inh	3.04E-05	3.85E-04	4.72E-06	3.66E-05	2.78E-07	3.07E-05	1.37E-03	3.04E-05	8.36E-06	0.00E+00	2.77E-07	1.13E-03	0.00E+00	0.00E+00	1.37E-03
688	CARTGRID	1	371800	3763300	NonCancerChronicDerived_Inh	3.45E-05	4.36E-04	5.35E-06	4.15E-05	3.04E-07	3.48E-05	1.55E-03	3.45E-05	9.16E-06	0.00E+00	3.03E-07	1.25E-03	0.00E+00	0.00E+00	1.55E-03
689	CARTGRID	1	371900	3763300	NonCancerChronicDerived_Inh	3.93E-05	4.96E-04	6.09E-06	4.72E-05	3.34E-07	3.96E-05	1.76E-03	3.92E-05	1.01E-05	0.00E+00	3.32E-07	1.37E-03	0.00E+00	0.00E+00	1.76E-03
690	CARTGRID	1	372000	3763300	NonCancerChronicDerived_Inh	4.50E-05	5.69E-04	6.98E-06	5.41E-05	3.69E-07	4.54E-05	2.01E-03	4.50E-05	1.11E-05	0.00E+00	3.66E-07	1.52E-03	0.00E+00	0.00E+00	2.01E-03
691	CARTGRID	1	372100	3763300	NonCancerChronicDerived_Inh	5.40E-05	6.82E-04	8.37E-06	6.49E-05	4.39E-07	5.44E-05	2.41E-03	5.40E-05	1.33E-05	0.00E+00	4.36E-07	1.82E-03	0.00E+00	0.00E+00	2.41E-03
692	CARTGRID	1	372200	3763300	NonCancerChronicDerived_Inh	6.45E-05	8.16E-04	1.00E-05	7.76E-05	5.13E-07	6.51E-05	2.88E-03	6.45E-05	1.56E-05	0.00E+00	5.09E-07	2.13E-03	0.00E+00	0.00E+00	2.88E-03
693	CARTGRID	1	372300	3763300	NonCancerChronicDerived_Inh	7.46E-05	9.43E-04	1.16E-05	8.96E-05	5.58E-07	7.52E-05	3.33E-03	7.46E-05	1.69E-05	0.00E+00	5.54E-07	2.34E-03	0.00E+00	0.00E+00	3.33E-03
694	CARTGRID	1	372400	3763300	NonCancerChronicDerived_Inh	8.92E-05	1.13E-03	1.38E-05	1.07E-04	6.21E-07	8.99E-05	3.97E-03	8.92E-05	1.89E-05	0.00E+00	6.16E-07	2.63E-03	0.00E+00	0.00E+00	3.97E-03
695	CARTGRID	1	372500	3763300	NonCancerChronicDerived_Inh	1.10E-04	1.39E-03	1.70E-05	1.32E-04	6.95E-07	1.10E-04	4.88E-03	1.10E-04	2.11E-05	0.00E+00	6.89E-07	2.99E-03	0.00E+00	0.00E+00	4.88E-03
696	CARTGRID	1	372600	3763300	NonCancerChronicDerived_Inh	1.64E-04	2.07E-03	2.54E-05	1.97E-04	9.20E-07	1.65E-04	7.26E-03	1.64E-04	2.77E-05	0.00E+00	9.11E-07	4.00E-03	0.00E+00	0.00E+00	7.26E-03
697	CARTGRID	1	372700	3763300	NonCancerChronicDerived_Inh	2.52E-04	3.18E-03	3.91E-05	3.02E-04	1.04E-06	2.53E-04	1.11E-02	2.52E-04	3.10E-05	0.00E+00	1.03E-06	4.78E-03	0.00E+00	0.00E+00	1.11E-02
698	CARTGRID	1	372800	3763300	NonCancerChronicDerived_Inh	5.08E-04	6.42E-03	7.89E-05	6.09E-04	2.09E-06	5.10E-04	2.24E-02	5.08E-04	6.23E-05	0.00E+00	2.06E-06	9.52E-03	0.00E+00	0.00E+00	2.24E-02
699	CARTGRID	1	372900	3763300	NonCancerChronicDerived_Inh	8.72E-04	1.10E-02	1.36E-04	1.04E-03	1.66E-06	8.73E-04	3.83E-02	8.72E-04	4.85E-05	0.00E+00	1.61E-06	9.79E-03	0.00E+00	0.00E+00	3.83E-02
700	CARTGRID	1	373000	3763300	NonCancerChronicDerived_Inh	4.05E-04	5.12E-03	6.29E-05	4.86E-04	1.81E-06	4.07E-04	1.79E-02	4.05E-04	5.40E-05	0.00E+00	1.79E-06	8.16E-03	0.00E+00	0.00E+00	1.79E-02
701	CARTGRID	1	373100	3763300	NonCancerChronicDerived_Inh	2.54E-04	3.21E-03	3.94E-05	3.05E-04	2.42E-06	2.56E-04	1.13E-02	2.54E-04	7.25E-05	0.00E+00	2.41E-06	9.52E-03	0.00E+00	0.00E+00	1.13E-02
702	CARTGRID	1	373200	3763300	NonCancerChronicDerived_Inh	2.36E-04	2.99E-03	3.66E-05	2.85E-04	3.17E-06	2.39E-04	1.06E-02	2.36E-04	9.50E-05	0.00E+00	3.16E-06	1.21E-02	0.00E+00	0.00E+00	1.21E-02
703	CARTGRID	1	373300	3763300	NonCancerChronicDerived_Inh	2.52E-04	3.19E-03	3.91E-05	3.04E-04	2.67E-06	2.55E-04	1.13E-02	2.52E-04	8.01E-05	0.00E+00	2.65E-06	1.07E-02	0.00E+00	0.00E+00	1.13E-02
704	CARTGRID	1	373400	3763300	NonCancerChronicDerived_Inh	1.82E-03	2.30E-02	2.83E-04	2.18E-03	3.42E-06	1.83E-03	7.97E-02	1.82E-03	1.03E-04	0.00E+00	3.32E-06	2.12E-02	0.00E+00	0.00E+00	7.97E-02
705	CARTGRID	1	373500	3763300	NonCancerChronicDerived_Inh	1.01E-03	1.28E-02	1.57E-04	1.21E-03	3.55E-06	1.02E-03	4.45E-02	1.01E-03	1.10E-04	0.00E+00	3.50E-06	1.81E-02	0.00E+00	0.00E+00	4.45E-02
706	CARTGRID	1	373600	3763300	NonCancerChronicDerived_Inh	3.51E-03	4.41E-02	5.42E-04	4.19E-03	2.71E-06	3.51E-03	1.53E-01	3.51E-03	8.23E-05	0.00E+00	2.52E-06	2.72E-02	0.00E+00	0.00E+00	1.53E-01
707	CARTGRID	1	373700	3763300	NonCancerChronicDerived_Inh	2.81E-03	3.53E-02	4.34E-04	3.35E-03	2.20E-06	2.81E-03	1.22E-01	2.81E-03	6.75E-05	0.00E+00	2.05E-06	2.20E-02	0.00E+00	0.00E+00	1.22E-01
708	CARTGRID	1	373800	3763300	NonCancerChronicDerived_Inh	1.52E-03	1.91E-02	2.34E-04	1.81E-03	1.53E-06	1.52E-03	6.60E-02	1.52E-03	4.77E-05	0.00E+00	1.44E-06	1.33E-02	0.00E+00	0.00E+00	6.60E-02
709	CARTGRID	1	373900	3763300	NonCancerChronicDerived_Inh	9.02E-04	1.14E-02	1.39E-04	1.08E-03	2.18E-06	9.04E-04	3.94E-02	9.02E-04	6.79E-05	0.00E+00	2.13E-06	1.24E-02	0.00E+00	0.00E+00	3.94E-02
710	CARTGRID	1	374000	3763300	NonCancerChronicDerived_Inh	5.13E-04	6.46E-03	7.95E-05	6.13E-04	8.04E-07	5.14E-04	2.24E-02	5.13E-04	2.66E-05	0.00E+00	7.76E-07	5.91E-03	0.00E+00	0.00E+00	2.24E-02
711	CARTGRID	1	374100	3763300	NonCancerChronicDerived_Inh	3.68E-04	4.62E-03	5.70E-05	4.39E-04	5.10E-07	3.68E-04	1.61E-02	3.68E-04	1.78E-05	0.00E+00	4.90E-07	4.20E-03	0.00E+00	0.00E+00	1.61E-02
712	CARTGRID	1	374200	3763300	NonCancerChronicDerived_Inh	2.78E-04	3.50E-03	4.31E-05	3.32E-04	4.05E-07	2.79E-04	1.22E-02	2.78E-04	1.42E-05	0.00E+00	3.90E-07	3.29E-03	0.00E+00	0.00E+00	1.22E-02
713	CARTGRID	1	374300	3763300	NonCancerChronicDerived_Inh	2.24E-04	2.82E-03	3.48E-05	2.68E-04	3.53E-07	2.25E-04	9.81E-03	2.24E-04	1.21E-05	0.00E+00	3.41E-07	2.72E-03	0.00E+00	0.00E+00	9.81E-03
714	CARTGRID	1	374400	3763300	NonCancerChronicDerived_Inh	1.83E-04	2.30E-03	2.84E-05	2.19E-04	3.48E-07	1.84E-04	8.03E-03	1.83E-04	1.15E-05	0.00E+00	3.38E-07	2.39E-03	0.00E+00	0.00E+00	8.03E-03
715	CARTGRID	1	374500	3763300	NonCancerChronicDerived_Inh	1.89E-04	2.37E-03	2.93E-05	2.26E-04	4.37E-07	1.89E-04	8.27E-03	1.89E-04	1.43E-05	0.00E+00	4.27E-07	2.72E-03	0.00E+00	0.00E+00	8.27E-03
716	CARTGRID	1	374600	3763300	NonCancerChronicDerived_Inh	1.07E-04	1.34E-03	1.66E-05	1.28E-04	3.10E-07	1.07E-04	4.69E-03	1.07E-04	9.87E-06	0.00E+00	3.04E-07	1.74E-03	0.00E+00	0.00E+00	4.69E-03
717	CARTGRID	1	374700	3763300	NonCancerChronicDerived_Inh	8.52E-05	1.07E-03	1.32E-05	1.02E-04	3.12E-07	8.55E-05	3.75E-03	8.52E-05	9.87E-06	0.00E+00	3.08E-07	1.62E-03	0.00E+00	0.00E+00	3.75E-03
718	CARTGRID	1	374800	3763300	NonCancerChronicDerived_Inh	7.12E-05	8.97E-04	1.11E-05	8.53E-05	3.19E-07	7.16E-05	3.15E-03	7.12E-05	1.00E-05	0.00E+00	3.15E-07	1.56E-03	0.00E+00	0.00E+00	3.15E-03
719	CARTGRID	1	374900	3763300	NonCancerChronicDerived_Inh	6.34E-05	7.98E-04	9.83E-06	7.60E-05	3.30E-07	6.37E-05	2.80E-03	6.34E-05	1.05E-05	0.00E+00	3.27E-07	1.58E-03	0.00E+00	0.00E+00	2.80E-03
720	CARTGRID	1	375000	3763300	NonCancerChronicDerived_Inh	5.29E-05	6.67E-04	8.20E-06	6.34E-05	3.20E-07	5.32E-05	2.35E-03	5.29E-05	1.01E-05	0.00E+00	3.17E-07	1.49E-03	0.00E+00	0.00E+00	2.35E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
721	CARTGRID	1	371500	3763400	NonCancerChronicDerived_Inh	2.41E-05	3.05E-04	3.74E-06	2.90E-05	2.35E-07	2.43E-05	1.08E-03	2.41E-05	7.05E-06	0.00E+00	2.34E-07	9.49E-04	0.00E+00	0.00E+00	1.08E-03
722	CARTGRID	1	371600	3763400	NonCancerChronicDerived_Inh	2.71E-05	3.43E-04	4.20E-06	3.26E-05	2.58E-07	2.74E-05	1.22E-03	2.71E-05	7.75E-06	0.00E+00	2.57E-07	1.04E-03	0.00E+00	0.00E+00	1.22E-03
723	CARTGRID	1	371700	3763400	NonCancerChronicDerived_Inh	3.07E-05	3.88E-04	4.76E-06	3.70E-05	2.84E-07	3.10E-05	1.38E-03	3.07E-05	8.54E-06	0.00E+00	2.82E-07	1.15E-03	0.00E+00	0.00E+00	1.38E-03
724	CARTGRID	1	371800	3763400	NonCancerChronicDerived_Inh	3.51E-05	4.43E-04	5.44E-06	4.22E-05	3.13E-07	3.54E-05	1.57E-03	3.51E-05	9.44E-06	0.00E+00	3.11E-07	1.28E-03	0.00E+00	0.00E+00	1.57E-03
725	CARTGRID	1	371900	3763400	NonCancerChronicDerived_Inh	4.03E-05	5.10E-04	6.25E-06	4.85E-05	3.46E-07	4.07E-05	1.81E-03	4.03E-05	1.05E-05	0.00E+00	3.44E-07	1.42E-03	0.00E+00	0.00E+00	1.81E-03
726	CARTGRID	1	372000	3763400	NonCancerChronicDerived_Inh	4.67E-05	5.90E-04	7.24E-06	5.62E-05	3.84E-07	4.71E-05	2.09E-03	4.67E-05	1.16E-05	0.00E+00	3.82E-07	1.59E-03	0.00E+00	0.00E+00	2.09E-03
727	CARTGRID	1	372100	3763400	NonCancerChronicDerived_Inh	5.48E-05	6.93E-04	8.50E-06	6.59E-05	4.34E-07	5.53E-05	2.45E-03	5.48E-05	1.31E-05	0.00E+00	4.31E-07	1.80E-03	0.00E+00	0.00E+00	2.45E-03
728	CARTGRID	1	372200	3763400	NonCancerChronicDerived_Inh	6.60E-05	8.34E-04	1.02E-05	7.93E-05	5.10E-07	6.65E-05	2.95E-03	6.60E-05	1.55E-05	0.00E+00	5.07E-07	2.12E-03	0.00E+00	0.00E+00	2.95E-03
729	CARTGRID	1	372300	3763400	NonCancerChronicDerived_Inh	8.33E-05	1.05E-03	1.29E-05	1.00E-04	6.38E-07	8.39E-05	3.71E-03	8.33E-05	1.94E-05	0.00E+00	6.33E-07	2.65E-03	0.00E+00	0.00E+00	3.71E-03
730	CARTGRID	1	372400	3763400	NonCancerChronicDerived_Inh	1.05E-04	1.33E-03	1.64E-05	1.27E-04	7.55E-07	1.06E-04	4.70E-03	1.05E-04	2.28E-05	0.00E+00	7.50E-07	3.14E-03	0.00E+00	0.00E+00	4.70E-03
731	CARTGRID	1	372500	3763400	NonCancerChronicDerived_Inh	1.26E-04	1.59E-03	1.96E-05	1.51E-04	8.33E-07	1.27E-04	5.60E-03	1.26E-04	2.53E-05	0.00E+00	8.26E-07	3.53E-03	0.00E+00	0.00E+00	5.60E-03
732	CARTGRID	1	372600	3763400	NonCancerChronicDerived_Inh	1.70E-04	2.15E-03	2.64E-05	2.04E-04	1.02E-06	1.71E-04	7.55E-03	1.70E-04	3.09E-05	0.00E+00	1.01E-06	4.38E-03	0.00E+00	0.00E+00	7.55E-03
733	CARTGRID	1	372700	3763400	NonCancerChronicDerived_Inh	2.74E-04	3.46E-03	4.25E-05	3.29E-04	1.64E-06	2.75E-04	1.21E-02	2.74E-04	4.96E-05	0.00E+00	1.63E-06	6.98E-03	0.00E+00	0.00E+00	1.21E-02
734	CARTGRID	1	372800	3763400	NonCancerChronicDerived_Inh	6.94E-04	8.76E-03	1.08E-04	8.31E-04	1.47E-06	6.96E-04	3.04E-02	6.94E-04	4.35E-05	0.00E+00	1.43E-06	8.36E-03	0.00E+00	0.00E+00	3.04E-02
735	CARTGRID	1	372900	3763400	NonCancerChronicDerived_Inh	4.98E-03	6.28E-02	7.72E-04	5.95E-03	2.77E-06	4.98E-03	2.17E-01	4.97E-03	7.69E-05	0.00E+00	2.50E-06	3.31E-02	0.00E+00	0.00E+00	2.17E-01
736	CARTGRID	1	373000	3763400	NonCancerChronicDerived_Inh	9.91E-03	1.25E-01	1.54E-03	1.18E-02	3.49E-06	9.91E-03	4.33E-01	9.91E-03	9.20E-05	0.00E+00	2.95E-06	5.90E-02	0.00E+00	0.00E+00	4.33E-01
737	CARTGRID	1	373100	3763400	NonCancerChronicDerived_Inh	1.22E-03	1.54E-02	1.90E-04	1.46E-03	3.33E-06	1.22E-03	5.36E-02	1.22E-03	9.90E-05	0.00E+00	3.27E-06	1.72E-02	0.00E+00	0.00E+00	5.36E-02
738	CARTGRID	1	373200	3763400	NonCancerChronicDerived_Inh	4.62E-04	5.84E-03	7.17E-05	5.55E-04	3.57E-06	4.65E-04	2.04E-02	4.62E-04	1.06E-04	0.00E+00	3.54E-06	1.44E-02	0.00E+00	0.00E+00	2.04E-02
739	CARTGRID	1	373300	3763400	NonCancerChronicDerived_Inh	3.62E-04	4.58E-03	5.61E-05	4.36E-04	3.83E-06	3.66E-04	1.61E-02	3.62E-04	1.10E-04	0.00E+00	3.81E-06	1.45E-02	0.00E+00	0.00E+00	1.61E-02
740	CARTGRID	1	373400	3763400	NonCancerChronicDerived_Inh	4.77E-04	6.02E-03	7.39E-05	5.74E-04	5.05E-06	4.82E-04	2.14E-02	4.77E-04	1.27E-04	0.00E+00	5.03E-06	1.73E-02	0.00E+00	0.00E+00	2.14E-02
741	CARTGRID	1	373500	3763400	NonCancerChronicDerived_Inh	1.37E-03	1.72E-02	2.12E-04	1.64E-03	4.32E-06	1.37E-03	6.00E-02	1.37E-03	1.34E-04	0.00E+00	4.25E-06	2.32E-02	0.00E+00	0.00E+00	6.00E-02
742	CARTGRID	1	373600	3763400	NonCancerChronicDerived_Inh	2.76E-03	3.47E-02	4.28E-04	3.31E-03	3.11E-06	2.77E-03	1.20E-01	2.76E-03	9.62E-05	0.00E+00	2.96E-06	2.54E-02	0.00E+00	0.00E+00	1.20E-01
743	CARTGRID	1	373700	3763400	NonCancerChronicDerived_Inh	1.34E-03	1.69E-02	2.08E-04	1.61E-03	2.99E-06	1.35E-03	5.87E-02	1.34E-03	9.18E-05	0.00E+00	2.91E-06	1.74E-02	0.00E+00	0.00E+00	5.87E-02
744	CARTGRID	1	373800	3763400	NonCancerChronicDerived_Inh	8.99E-04	1.13E-02	1.39E-04	1.08E-03	1.70E-06	9.01E-04	3.93E-02	8.99E-04	5.26E-05	0.00E+00	1.65E-06	1.07E-02	0.00E+00	0.00E+00	3.93E-02
745	CARTGRID	1	373900	3763400	NonCancerChronicDerived_Inh	5.28E-04	6.64E-03	8.16E-05	6.31E-04	1.31E-06	5.29E-04	2.31E-02	5.28E-04	4.04E-05	0.00E+00	1.28E-06	7.39E-03	0.00E+00	0.00E+00	2.31E-02
746	CARTGRID	1	374000	3763400	NonCancerChronicDerived_Inh	3.66E-04	4.60E-03	5.65E-05	4.37E-04	8.15E-07	3.66E-04	1.60E-02	3.65E-04	2.56E-05	0.00E+00	7.95E-07	4.92E-03	0.00E+00	0.00E+00	1.60E-02
747	CARTGRID	1	374100	3763400	NonCancerChronicDerived_Inh	3.13E-04	3.94E-03	4.84E-05	3.74E-04	6.79E-07	3.14E-04	1.37E-02	3.13E-04	2.17E-05	0.00E+00	6.62E-07	4.25E-03	0.00E+00	0.00E+00	1.37E-02
748	CARTGRID	1	374200	3763400	NonCancerChronicDerived_Inh	2.68E-04	3.36E-03	4.14E-05	3.20E-04	4.07E-07	2.68E-04	1.17E-02	2.67E-04	1.36E-05	0.00E+00	3.93E-07	3.12E-03	0.00E+00	0.00E+00	1.17E-02
749	CARTGRID	1	374300	3763400	NonCancerChronicDerived_Inh	2.29E-04	2.88E-03	3.55E-05	2.74E-04	3.55E-07	2.30E-04	1.00E-02	2.29E-04	1.20E-05	0.00E+00	3.43E-07	2.72E-03	0.00E+00	0.00E+00	1.00E-02
750	CARTGRID	1	374400	3763400	NonCancerChronicDerived_Inh	2.00E-04	2.52E-03	3.11E-05	2.40E-04	3.49E-07	2.01E-04	8.77E-03	2.00E-04	1.16E-05	0.00E+00	3.38E-07	2.50E-03	0.00E+00	0.00E+00	8.77E-03
751	CARTGRID	1	374500	3763400	NonCancerChronicDerived_Inh	2.28E-04	2.86E-03	3.53E-05	2.72E-04	4.40E-07	2.28E-04	9.97E-03	2.28E-04	1.47E-05	0.00E+00	4.28E-07	3.01E-03	0.00E+00	0.00E+00	9.97E-03
752	CARTGRID	1	374600	3763400	NonCancerChronicDerived_Inh	1.40E-04	1.76E-03	2.17E-05	1.67E-04	3.22E-07	1.40E-04	6.14E-03	1.40E-04	1.04E-05	0.00E+00	3.14E-07	2.00E-03	0.00E+00	0.00E+00	6.14E-03
753	CARTGRID	1	374700	3763400	NonCancerChronicDerived_Inh	1.08E-04	1.36E-03	1.68E-05	1.30E-04	2.91E-07	1.09E-04	4.76E-03	1.08E-04	9.25E-06	0.00E+00	2.85E-07	1.68E-03	0.00E+00	0.00E+00	4.76E-03
754	CARTGRID	1	374800	3763400	NonCancerChronicDerived_Inh	9.28E-05	1.17E-03	1.44E-05	1.11E-04	2.97E-07	9.31E-05	4.08E-03	9.28E-05	9.39E-06	0.00E+00	2.92E-07	1.61E-03	0.00E+00	0.00E+00	4.08E-03
755	CARTGRID	1	374900	3763400	NonCancerChronicDerived_Inh	7.71E-05	9.70E-04	1.20E-05	9.23E-05	2.92E-07	7.74E-05	3.40E-03	7.71E-05	9.20E-06	0.00E+00	2.88E-07	1.50E-03	0.00E+00	0.00E+00	3.40E-03
756	CARTGRID	1	375000	3763400	NonCancerChronicDerived_Inh	6.56E-05	8.26E-04	1.02E-05	7.86E-05	2.91E-07	6.59E-05	2.90E-03	6.56E-05	9.15E-06	0.00E+00	2.87E-07	1.43E-03	0.00E+00	0.00E+00	2.90E-03
757	CARTGRID	1	371500	3763500	NonCancerChronicDerived_Inh	2.39E-05	3.02E-04	3.70E-06	2.87E-05	2.36E-07	2.41E-05	1.07E-03	2.39E-05	7.07E-06	0.00E+00	2.34E-07	9.49E-04	0.00E+00	0.00E+00	1.07E-03
758	CARTGRID	1	371600	3763500	NonCancerChronicDerived_Inh	2.70E-05	3.41E-04	4.18E-06	3.25E-05	2.60E-07	2.72E-05	1.21E-03	2.70E-05	7.82E-06	0.00E+00	2.58E-07	1.05E-03	0.00E+00	0.00E+00	1.21E-03
759	CARTGRID	1	371700	3763500	NonCancerChronicDerived_Inh	3.07E-05	3.88E-04	4.76E-06	3.70E-05	2.88E-07	3.10E-05	1.38E-03	3.07E-05	8.69E-06	0.00E+00	2.86E-07	1.17E-03	0.00E+00	0.00E+00	1.38E-03
760	CARTGRID	1	371800	3763500	NonCancerChronicDerived_Inh	3.53E-05	4.47E-04	5.48E-06	4.25E-05	3.20E-07	3.56E-05	1.58E-03	3.53E-05	9.69E-06	0.00E+00	3.18E-07	1.31E-03	0.00E+00	0.00E+00	1.58E-03
761	CARTGRID	1	371900	3763500	NonCancerChronicDerived_Inh	4.10E-05	5.18E-04	6.35E-06	4.93E-05	3.57E-07	4.13E-05	1.83E-03	4.09E-05	1.08E-05	0.00E+00	3.55E-07	1.47E-03	0.00E+00	0.00E+00	1.83E-03
762	CARTGRID	1	372000	3763500	NonCancerChronicDerived_Inh	4.78E-05	6.05E-04	7.42E-06	5.75E-05	4.00E-07	4.83E-05	2.14E-03	4.78E-05	1.22E-05	0.00E+00	3.98E-07	1.65E-03	0.00E+00	0.00E+00	2.14E-03
763	CARTGRID	1	372100	3763500	NonCancerChronicDerived_Inh	5.65E-05	7.14E-04	8.77E-06	6.79E-05	4.52E-07	5.70E-05	2.52E-03	5.65E-05	1.37E-05	0.00E+00	4.49E-07	1.87E-03	0.00E+00	0.00E+00	2.52E-03
764	CARTGRID	1	372200	3763500	NonCancerChronicDerived_Inh	6.80E-05	8.59E-04	1.05E-05	8.17E-05	5.21E-07	6.85E-05	3.03E-03	6.80E-05	1.58E-05	0.00E+00	5.17E-07	2.16E-03	0.00E+00	0.00E+00	3.03E-03
765	CARTGRID	1	372300	3763500	NonCancerChronicDerived_Inh	8.32E-05	1.05E-03	1.29E-05	1.00E-04	6.25E-07	8.38E-05	3.71E-03	8.32E-05	1.90E-05	0.00E+00	6.21E-07	2.60E-03	0.00E+00	0.00E+00	3.71E-03
766	CARTGRID	1	372400	3763500	NonCancerChronicDerived_Inh	1.11E-04	1.41E-03	1.73E-05	1.34E-04	9.30E-07	1.12E-04	4.98E-03	1.11E-04	2.81E-05	0.00E+00	9.24E-07	3.76E-03	0.00E+00	0.00E+00	4.98E-03
767	CARTGRID	1	372500	3763500	NonCancerChronicDerived_Inh	1.41E-04	1.78E-03	2.19E-05	1.69E-04	1.02E-06	1.42E-04	6.27E-03	1.41E-04	3.09E-05	0.00E+00	1.01E-06	4.21E-03	0.00E+00	0.00E+00	6.27E-03
768	CARTGRID	1	372600	3763500	NonCancerChronicDerived_Inh	1.99E-04	2.52E-03	3.09E-05	2.39E-04	1.42E-06	2.01E-04	8.87E-03	1.99E-04	4.28E-05	0.00E+00	1.41E-06	5.83E-03	0.00E+00	0.00E+00	8.87E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
769	CARTGRID	1	372700	3763500	NonCancerChronicDerived_Inh	3.06E-04	3.87E-03	4.75E-05	3.67E-04	1.91E-06	3.08E-04	1.36E-02	3.06E-04	5.75E-05	0.00E+00	1.89E-06	8.00E-03	0.00E+00	0.00E+00	1.36E-02
770	CARTGRID	1	372800	3763500	NonCancerChronicDerived_Inh	7.36E-04	9.29E-03	1.14E-04	8.81E-04	2.05E-06	7.38E-04	3.23E-02	7.36E-04	6.12E-05	0.00E+00	2.01E-06	1.05E-02	0.00E+00	0.00E+00	3.23E-02
771	CARTGRID	1	372900	3763500	NonCancerChronicDerived_Inh	3.54E-03	4.46E-02	5.49E-04	4.23E-03	3.44E-06	3.54E-03	1.54E-01	3.54E-03	9.91E-05	0.00E+00	3.25E-06	2.85E-02	0.00E+00	0.00E+00	1.54E-01
772	CARTGRID	1	373000	3763500	NonCancerChronicDerived_Inh	1.37E-03	1.73E-02	2.13E-04	1.64E-03	2.61E-06	1.37E-03	5.99E-02	1.37E-03	7.72E-05	0.00E+00	2.54E-06	1.54E-02	0.00E+00	0.00E+00	5.99E-02
773	CARTGRID	1	373100	3763500	NonCancerChronicDerived_Inh	1.05E-02	1.32E-01	1.63E-03	1.25E-02	4.05E-06	1.05E-02	4.57E-01	1.05E-02	1.09E-04	0.00E+00	3.48E-06	6.37E-02	0.00E+00	0.00E+00	4.57E-01
774	CARTGRID	1	373200	3763500	NonCancerChronicDerived_Inh	1.66E-03	2.10E-02	2.58E-04	1.99E-03	5.11E-06	1.67E-03	7.29E-02	1.66E-03	1.52E-04	0.00E+00	5.02E-06	2.53E-02	0.00E+00	0.00E+00	7.29E-02
775	CARTGRID	1	373300	3763500	NonCancerChronicDerived_Inh	8.52E-04	1.08E-02	1.32E-04	1.03E-03	1.06E-05	8.62E-04	3.76E-02	8.52E-04	3.17E-04	0.00E+00	1.06E-05	3.96E-02	0.00E+00	0.00E+00	3.96E-02
776	CARTGRID	1	373400	3763500	NonCancerChronicDerived_Inh	8.34E-04	1.05E-02	1.29E-04	1.00E-03	1.07E-05	8.44E-04	3.67E-02	8.34E-04	3.12E-04	0.00E+00	1.07E-05	3.92E-02	0.00E+00	0.00E+00	3.92E-02
777	CARTGRID	1	373500	3763500	NonCancerChronicDerived_Inh	7.62E-03	9.54E-02	1.18E-03	9.08E-03	9.05E-06	7.63E-03	3.32E-01	7.62E-03	1.81E-04	0.00E+00	8.64E-06	5.90E-02	0.00E+00	0.00E+00	3.32E-01
778	CARTGRID	1	373600	3763500	NonCancerChronicDerived_Inh	1.25E-03	1.56E-02	1.93E-04	1.49E-03	3.48E-06	1.25E-03	5.46E-02	1.25E-03	9.45E-05	0.00E+00	3.41E-06	1.84E-02	0.00E+00	0.00E+00	5.46E-02
779	CARTGRID	1	373700	3763500	NonCancerChronicDerived_Inh	9.23E-04	1.16E-02	1.43E-04	1.11E-03	2.36E-06	9.26E-04	4.05E-02	9.23E-04	8.00E-05	0.00E+00	2.31E-06	1.60E-02	0.00E+00	0.00E+00	4.05E-02
780	CARTGRID	1	373800	3763500	NonCancerChronicDerived_Inh	6.80E-04	8.57E-03	1.05E-04	8.16E-04	3.13E-06	6.83E-04	3.00E-02	6.80E-04	9.53E-05	0.00E+00	3.09E-06	1.47E-02	0.00E+00	0.00E+00	3.00E-02
781	CARTGRID	1	373900	3763500	NonCancerChronicDerived_Inh	4.43E-04	5.58E-03	6.85E-05	5.30E-04	1.33E-06	4.44E-04	1.94E-02	4.43E-04	3.97E-05	0.00E+00	1.30E-06	6.93E-03	0.00E+00	0.00E+00	1.94E-02
782	CARTGRID	1	374000	3763500	NonCancerChronicDerived_Inh	3.10E-04	3.90E-03	4.79E-05	3.71E-04	9.84E-07	3.11E-04	1.36E-02	3.10E-04	2.94E-05	0.00E+00	9.67E-07	5.02E-03	0.00E+00	0.00E+00	1.36E-02
783	CARTGRID	1	374100	3763500	NonCancerChronicDerived_Inh	2.63E-04	3.31E-03	4.07E-05	3.15E-04	6.20E-07	2.64E-04	1.15E-02	2.63E-04	1.88E-05	0.00E+00	6.06E-07	3.62E-03	0.00E+00	0.00E+00	1.15E-02
784	CARTGRID	1	374200	3763500	NonCancerChronicDerived_Inh	2.42E-04	3.04E-03	3.74E-05	2.89E-04	4.66E-07	2.42E-04	1.06E-02	2.42E-04	1.45E-05	0.00E+00	4.53E-07	3.04E-03	0.00E+00	0.00E+00	1.06E-02
785	CARTGRID	1	374300	3763500	NonCancerChronicDerived_Inh	2.33E-04	2.93E-03	3.61E-05	2.79E-04	4.31E-07	2.34E-04	1.02E-02	2.33E-04	1.37E-05	0.00E+00	4.18E-07	2.91E-03	0.00E+00	0.00E+00	1.02E-02
786	CARTGRID	1	374400	3763500	NonCancerChronicDerived_Inh	2.25E-04	2.83E-03	3.49E-05	2.69E-04	4.18E-07	2.26E-04	9.85E-03	2.25E-04	1.35E-05	0.00E+00	4.05E-07	2.84E-03	0.00E+00	0.00E+00	9.85E-03
787	CARTGRID	1	374500	3763500	NonCancerChronicDerived_Inh	2.24E-04	2.81E-03	3.46E-05	2.67E-04	4.21E-07	2.24E-04	9.78E-03	2.24E-04	1.37E-05	0.00E+00	4.09E-07	2.86E-03	0.00E+00	0.00E+00	9.78E-03
788	CARTGRID	1	374600	3763500	NonCancerChronicDerived_Inh	2.02E-04	2.54E-03	3.13E-05	2.42E-04	4.06E-07	2.02E-04	8.85E-03	2.02E-04	1.33E-05	0.00E+00	3.95E-07	2.70E-03	0.00E+00	0.00E+00	8.85E-03
789	CARTGRID	1	374700	3763500	NonCancerChronicDerived_Inh	1.25E-04	1.57E-03	1.94E-05	1.50E-04	2.83E-07	1.25E-04	5.48E-03	1.25E-04	8.96E-06	0.00E+00	2.76E-07	1.75E-03	0.00E+00	0.00E+00	5.48E-03
790	CARTGRID	1	374800	3763500	NonCancerChronicDerived_Inh	1.06E-04	1.33E-03	1.64E-05	1.27E-04	2.72E-07	1.06E-04	4.65E-03	1.06E-04	8.57E-06	0.00E+00	2.66E-07	1.59E-03	0.00E+00	0.00E+00	4.65E-03
791	CARTGRID	1	374900	3763500	NonCancerChronicDerived_Inh	9.26E-05	1.16E-03	1.44E-05	1.11E-04	2.73E-07	9.29E-05	4.07E-03	9.26E-05	8.56E-06	0.00E+00	2.68E-07	1.51E-03	0.00E+00	0.00E+00	4.07E-03
792	CARTGRID	1	375000	3763500	NonCancerChronicDerived_Inh	8.57E-05	1.08E-03	1.33E-05	1.03E-04	2.88E-07	8.60E-05	3.77E-03	8.57E-05	9.06E-06	0.00E+00	2.83E-07	1.54E-03	0.00E+00	0.00E+00	3.77E-03
793	CARTGRID	1	371500	3763600	NonCancerChronicDerived_Inh	2.34E-05	2.97E-04	3.64E-06	2.82E-05	2.34E-07	2.37E-05	1.06E-03	2.34E-05	7.04E-06	0.00E+00	2.33E-07	9.43E-04	0.00E+00	0.00E+00	1.06E-03
794	CARTGRID	1	371600	3763600	NonCancerChronicDerived_Inh	2.66E-05	3.36E-04	4.12E-06	3.20E-05	2.60E-07	2.68E-05	1.20E-03	2.66E-05	7.85E-06	0.00E+00	2.59E-07	1.05E-03	0.00E+00	0.00E+00	1.20E-03
795	CARTGRID	1	371700	3763600	NonCancerChronicDerived_Inh	3.04E-05	3.85E-04	4.72E-06	3.66E-05	2.90E-07	3.07E-05	1.37E-03	3.04E-05	8.78E-06	0.00E+00	2.88E-07	1.18E-03	0.00E+00	0.00E+00	1.37E-03
796	CARTGRID	1	371800	3763600	NonCancerChronicDerived_Inh	3.52E-05	4.45E-04	5.46E-06	4.24E-05	3.26E-07	3.55E-05	1.58E-03	3.52E-05	9.90E-06	0.00E+00	3.24E-07	1.33E-03	0.00E+00	0.00E+00	1.58E-03
797	CARTGRID	1	371900	3763600	NonCancerChronicDerived_Inh	4.12E-05	5.21E-04	6.39E-06	4.96E-05	3.69E-07	4.16E-05	1.85E-03	4.12E-05	1.12E-05	0.00E+00	3.67E-07	1.51E-03	0.00E+00	0.00E+00	1.85E-03
798	CARTGRID	1	372000	3763600	NonCancerChronicDerived_Inh	4.88E-05	6.17E-04	7.57E-06	5.87E-05	4.21E-07	4.92E-05	2.18E-03	4.88E-05	1.28E-05	0.00E+00	4.18E-07	1.73E-03	0.00E+00	0.00E+00	2.18E-03
799	CARTGRID	1	372100	3763600	NonCancerChronicDerived_Inh	5.83E-05	7.37E-04	9.04E-06	7.01E-05	4.83E-07	5.88E-05	2.60E-03	5.83E-05	1.47E-05	0.00E+00	4.80E-07	1.99E-03	0.00E+00	0.00E+00	2.60E-03
800	CARTGRID	1	372200	3763600	NonCancerChronicDerived_Inh	7.21E-05	9.12E-04	1.12E-05	8.67E-05	5.75E-07	7.27E-05	3.22E-03	7.21E-05	1.75E-05	0.00E+00	5.71E-07	2.38E-03	0.00E+00	0.00E+00	3.22E-03
801	CARTGRID	1	372300	3763600	NonCancerChronicDerived_Inh	8.99E-05	1.14E-03	1.40E-05	1.08E-04	6.82E-07	9.06E-05	4.01E-03	8.99E-05	2.08E-05	0.00E+00	6.77E-07	2.83E-03	0.00E+00	0.00E+00	4.01E-03
802	CARTGRID	1	372400	3763600	NonCancerChronicDerived_Inh	1.21E-04	1.53E-03	1.88E-05	1.46E-04	9.48E-07	1.22E-04	5.42E-03	1.21E-04	2.87E-05	0.00E+00	9.41E-07	3.86E-03	0.00E+00	0.00E+00	5.42E-03
803	CARTGRID	1	372500	3763600	NonCancerChronicDerived_Inh	1.56E-04	1.97E-03	2.42E-05	1.87E-04	1.38E-06	1.57E-04	6.97E-03	1.56E-04	4.16E-05	0.00E+00	1.37E-06	5.47E-03	0.00E+00	0.00E+00	6.97E-03
804	CARTGRID	1	372600	3763600	NonCancerChronicDerived_Inh	2.26E-04	2.86E-03	3.51E-05	2.72E-04	1.37E-06	2.28E-04	1.00E-02	2.26E-04	4.13E-05	0.00E+00	1.36E-06	5.77E-03	0.00E+00	0.00E+00	1.00E-02
805	CARTGRID	1	372700	3763600	NonCancerChronicDerived_Inh	3.97E-04	5.00E-03	6.16E-05	4.76E-04	1.77E-06	3.99E-04	1.75E-02	3.97E-04	5.31E-05	0.00E+00	1.75E-06	7.93E-03	0.00E+00	0.00E+00	1.75E-02
806	CARTGRID	1	372800	3763600	NonCancerChronicDerived_Inh	1.64E-03	2.06E-02	2.55E-04	1.96E-03	1.91E-06	1.64E-03	7.17E-02	1.64E-03	5.55E-05	0.00E+00	1.82E-06	1.43E-02	0.00E+00	0.00E+00	7.17E-02
807	CARTGRID	1	372900	3763600	NonCancerChronicDerived_Inh	2.27E-03	2.86E-02	3.52E-04	2.71E-03	1.91E-06	2.27E-03	9.91E-02	2.27E-03	5.47E-05	0.00E+00	1.78E-06	1.73E-02	0.00E+00	0.00E+00	9.91E-02
808	CARTGRID	1	373000	3763600	NonCancerChronicDerived_Inh	1.01E-03	1.27E-02	1.56E-04	1.21E-03	3.53E-06	1.01E-03	4.43E-02	1.01E-03	1.05E-04	0.00E+00	3.47E-06	1.68E-02	0.00E+00	0.00E+00	4.43E-02
809	CARTGRID	1	373100	3763600	NonCancerChronicDerived_Inh	1.27E-03	1.60E-02	1.97E-04	1.51E-03	3.10E-06	1.27E-03	5.55E-02	1.27E-03	9.24E-05	0.00E+00	3.04E-06	1.66E-02	0.00E+00	0.00E+00	5.55E-02
810	CARTGRID	1	373200	3763600	NonCancerChronicDerived_Inh	1.39E-02	1.75E-01	2.16E-03	1.66E-02	4.46E-06	1.39E-02	6.05E-01	1.39E-02	1.17E-04	0.00E+00	3.70E-06	8.14E-02	0.00E+00	0.00E+00	6.05E-01
811	CARTGRID	1	373300	3763600	NonCancerChronicDerived_Inh	3.09E-03	3.88E-02	4.78E-04	3.69E-03	6.17E-06	3.09E-03	1.35E-01	3.09E-03	1.82E-04	0.00E+00	6.00E-06	3.56E-02	0.00E+00	0.00E+00	1.35E-01
812	CARTGRID	1	373400	3763600	NonCancerChronicDerived_Inh	9.29E-03	1.16E-01	1.44E-03	1.11E-02	1.08E-05	9.30E-03	4.03E-01	9.29E-03	3.13E-04	0.00E+00	1.03E-05	8.05E-02	0.00E+00	0.00E+00	4.03E-01
813	CARTGRID	1	373500	3763600	NonCancerChronicDerived_Inh	2.52E-03	3.16E-02	3.90E-04	3.01E-03	6.32E-06	2.52E-03	1.10E-01	2.52E-03	1.83E-04	0.00E+00	6.19E-06	3.31E-02	0.00E+00	0.00E+00	1.10E-01
814	CARTGRID	1	373600	3763600	NonCancerChronicDerived_Inh	1.02E-03	1.28E-02	1.58E-04	1.22E-03	4.19E-06	1.02E-03	4.48E-02	1.02E-03	1.14E-04	0.00E+00	4.14E-06	1.85E-02	0.00E+00	0.00E+00	4.48E-02
815	CARTGRID	1	373700	3763600	NonCancerChronicDerived_Inh	7.76E-04	9.74E-03	1.20E-04	9.27E-04	2.58E-06	7.78E-04	3.41E-02	7.76E-04	7.62E-05	0.00E+00	2.54E-06	1.42E-02	0.00E+00	0.00E+00	3.41E-02
816	CARTGRID	1	373800	3763600	NonCancerChronicDerived_Inh	5.95E-04	7.49E-03	9.22E-05	7.13E-04	2.34E-06	5.98E-04	2.62E-02	5.95E-04	7.03E-05	0.00E+00	2.31E-06	1.20E-02	0.00E+00	0.00E+00	2.62E-02

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
817	CARTGRID	1	373900	3763600	NonCancerChronicDerived_Inh	4.28E-04	5.39E-03	6.62E-05	5.13E-04	2.12E-06	4.30E-04	1.89E-02	4.28E-04	6.21E-05	0.00E+00	2.10E-06	9.57E-03	0.00E+00	0.00E+00	1.89E-02
818	CARTGRID	1	374000	3763600	NonCancerChronicDerived_Inh	2.72E-04	3.43E-03	4.21E-05	3.26E-04	7.73E-07	2.73E-04	1.20E-02	2.72E-04	2.10E-05	0.00E+00	7.59E-07	3.95E-03	0.00E+00	0.00E+00	1.20E-02
819	CARTGRID	1	374100	3763600	NonCancerChronicDerived_Inh	2.30E-04	2.90E-03	3.56E-05	2.75E-04	6.00E-07	2.31E-04	1.01E-02	2.30E-04	1.68E-05	0.00E+00	5.87E-07	3.22E-03	0.00E+00	0.00E+00	1.01E-02
820	CARTGRID	1	374200	3763600	NonCancerChronicDerived_Inh	2.17E-04	2.74E-03	3.36E-05	2.60E-04	5.18E-07	2.18E-04	9.52E-03	2.17E-04	1.49E-05	0.00E+00	5.06E-07	2.93E-03	0.00E+00	0.00E+00	9.52E-03
821	CARTGRID	1	374300	3763600	NonCancerChronicDerived_Inh	2.23E-04	2.81E-03	3.45E-05	2.67E-04	5.02E-07	2.23E-04	9.76E-03	2.23E-04	1.50E-05	0.00E+00	4.90E-07	2.98E-03	0.00E+00	0.00E+00	9.76E-03
822	CARTGRID	1	374400	3763600	NonCancerChronicDerived_Inh	2.45E-04	3.08E-03	3.79E-05	2.93E-04	5.02E-07	2.46E-04	1.07E-02	2.45E-04	1.56E-05	0.00E+00	4.89E-07	3.19E-03	0.00E+00	0.00E+00	1.07E-02
823	CARTGRID	1	374500	3763600	NonCancerChronicDerived_Inh	2.40E-04	3.01E-03	3.71E-05	2.86E-04	4.73E-07	2.40E-04	1.05E-02	2.40E-04	1.51E-05	0.00E+00	4.60E-07	3.12E-03	0.00E+00	0.00E+00	1.05E-02
824	CARTGRID	1	374600	3763600	NonCancerChronicDerived_Inh	2.16E-04	2.71E-03	3.34E-05	2.58E-04	4.42E-07	2.16E-04	9.44E-03	2.16E-04	1.43E-05	0.00E+00	4.31E-07	2.93E-03	0.00E+00	0.00E+00	9.44E-03
825	CARTGRID	1	374700	3763600	NonCancerChronicDerived_Inh	1.40E-04	1.76E-03	2.17E-05	1.68E-04	3.03E-07	1.40E-04	6.14E-03	1.40E-04	9.40E-06	0.00E+00	2.95E-07	1.88E-03	0.00E+00	0.00E+00	6.14E-03
826	CARTGRID	1	374800	3763600	NonCancerChronicDerived_Inh	1.21E-04	1.52E-03	1.87E-05	1.44E-04	2.79E-07	1.21E-04	5.30E-03	1.21E-04	8.66E-06	0.00E+00	2.73E-07	1.69E-03	0.00E+00	0.00E+00	5.30E-03
827	CARTGRID	1	374900	3763600	NonCancerChronicDerived_Inh	1.10E-04	1.38E-03	1.70E-05	1.31E-04	2.77E-07	1.10E-04	4.81E-03	1.10E-04	8.60E-06	0.00E+00	2.71E-07	1.61E-03	0.00E+00	0.00E+00	4.81E-03
828	CARTGRID	1	375000	3763600	NonCancerChronicDerived_Inh	1.02E-04	1.29E-03	1.59E-05	1.22E-04	2.85E-07	1.03E-04	4.49E-03	1.02E-04	8.90E-06	0.00E+00	2.79E-07	1.61E-03	0.00E+00	0.00E+00	4.49E-03
829	CARTGRID	1	371500	3763700	NonCancerChronicDerived_Inh	2.29E-05	2.89E-04	3.54E-06	2.75E-05	2.31E-07	2.31E-05	1.03E-03	2.29E-05	6.97E-06	0.00E+00	2.30E-07	9.30E-04	0.00E+00	0.00E+00	1.03E-03
830	CARTGRID	1	371600	3763700	NonCancerChronicDerived_Inh	2.60E-05	3.28E-04	4.03E-06	3.13E-05	2.59E-07	2.62E-05	1.17E-03	2.60E-05	7.83E-06	0.00E+00	2.57E-07	1.05E-03	0.00E+00	0.00E+00	1.17E-03
831	CARTGRID	1	371700	3763700	NonCancerChronicDerived_Inh	2.99E-05	3.78E-04	4.64E-06	3.60E-05	2.92E-07	3.02E-05	1.34E-03	2.99E-05	8.87E-06	0.00E+00	2.90E-07	1.19E-03	0.00E+00	0.00E+00	1.34E-03
832	CARTGRID	1	371800	3763700	NonCancerChronicDerived_Inh	3.47E-05	4.39E-04	5.38E-06	4.18E-05	3.30E-07	3.51E-05	1.56E-03	3.47E-05	1.01E-05	0.00E+00	3.28E-07	1.35E-03	0.00E+00	0.00E+00	1.56E-03
833	CARTGRID	1	371900	3763700	NonCancerChronicDerived_Inh	4.10E-05	5.18E-04	6.36E-06	4.94E-05	3.79E-07	4.14E-05	1.84E-03	4.10E-05	1.16E-05	0.00E+00	3.77E-07	1.55E-03	0.00E+00	0.00E+00	1.84E-03
834	CARTGRID	1	372000	3763700	NonCancerChronicDerived_Inh	4.91E-05	6.21E-04	7.62E-06	5.91E-05	4.42E-07	4.96E-05	2.20E-03	4.91E-05	1.35E-05	0.00E+00	4.40E-07	1.82E-03	0.00E+00	0.00E+00	2.20E-03
835	CARTGRID	1	372100	3763700	NonCancerChronicDerived_Inh	5.95E-05	7.52E-04	9.23E-06	7.16E-05	5.26E-07	6.00E-05	2.66E-03	5.95E-05	1.61E-05	0.00E+00	5.23E-07	2.16E-03	0.00E+00	0.00E+00	2.66E-03
836	CARTGRID	1	372200	3763700	NonCancerChronicDerived_Inh	7.35E-05	9.30E-04	1.14E-05	8.85E-05	6.51E-07	7.42E-05	3.29E-03	7.35E-05	1.99E-05	0.00E+00	6.47E-07	2.65E-03	0.00E+00	0.00E+00	3.29E-03
837	CARTGRID	1	372300	3763700	NonCancerChronicDerived_Inh	9.29E-05	1.17E-03	1.44E-05	1.12E-04	7.60E-07	9.37E-05	4.15E-03	9.29E-05	2.32E-05	0.00E+00	7.55E-07	3.11E-03	0.00E+00	0.00E+00	4.15E-03
838	CARTGRID	1	372400	3763700	NonCancerChronicDerived_Inh	1.32E-04	1.67E-03	2.05E-05	1.59E-04	9.69E-07	1.33E-04	5.88E-03	1.32E-04	2.94E-05	0.00E+00	9.62E-07	3.99E-03	0.00E+00	0.00E+00	5.88E-03
839	CARTGRID	1	372500	3763700	NonCancerChronicDerived_Inh	1.79E-04	2.27E-03	2.78E-05	2.16E-04	1.57E-06	1.81E-04	8.03E-03	1.79E-04	4.76E-05	0.00E+00	1.56E-06	6.22E-03	0.00E+00	0.00E+00	8.03E-03
840	CARTGRID	1	372600	3763700	NonCancerChronicDerived_Inh	2.62E-04	3.31E-03	4.07E-05	3.15E-04	1.87E-06	2.64E-04	1.17E-02	2.62E-04	5.63E-05	0.00E+00	1.85E-06	7.61E-03	0.00E+00	0.00E+00	1.17E-02
841	CARTGRID	1	372700	3763700	NonCancerChronicDerived_Inh	6.04E-04	7.60E-03	9.37E-05	7.23E-04	1.75E-06	6.05E-04	2.65E-02	6.04E-04	5.22E-05	0.00E+00	1.72E-06	8.82E-03	0.00E+00	0.00E+00	2.65E-02
842	CARTGRID	1	372800	3763700	NonCancerChronicDerived_Inh	5.85E-03	7.35E-02	9.08E-04	6.99E-03	2.91E-06	5.85E-03	2.55E-01	5.85E-03	8.01E-05	0.00E+00	2.59E-06	3.77E-02	0.00E+00	0.00E+00	2.55E-01
843	CARTGRID	1	372900	3763700	NonCancerChronicDerived_Inh	1.30E-03	1.63E-02	2.01E-04	1.55E-03	2.30E-06	1.30E-03	5.67E-02	1.30E-03	6.80E-05	0.00E+00	2.23E-06	1.40E-02	0.00E+00	0.00E+00	5.67E-02
844	CARTGRID	1	373000	3763700	NonCancerChronicDerived_Inh	7.47E-04	9.41E-03	1.16E-04	8.95E-04	2.22E-06	7.49E-04	3.28E-02	7.47E-04	6.63E-05	0.00E+00	2.18E-06	1.11E-02	0.00E+00	0.00E+00	3.28E-02
845	CARTGRID	1	373100	3763700	NonCancerChronicDerived_Inh	6.22E-04	7.85E-03	9.65E-05	7.46E-04	3.19E-06	6.25E-04	2.75E-02	6.22E-04	9.58E-05	0.00E+00	3.15E-06	1.38E-02	0.00E+00	0.00E+00	2.75E-02
846	CARTGRID	1	373200	3763700	NonCancerChronicDerived_Inh	8.54E-04	1.08E-02	1.33E-04	1.02E-03	2.66E-06	8.56E-04	3.75E-02	8.53E-04	7.96E-05	0.00E+00	2.62E-06	1.32E-02	0.00E+00	0.00E+00	3.75E-02
847	CARTGRID	1	373300	3763700	NonCancerChronicDerived_Inh	1.85E-03	2.33E-02	2.87E-04	2.22E-03	5.27E-06	1.86E-03	8.12E-02	1.85E-03	1.57E-04	0.00E+00	5.17E-06	2.66E-02	0.00E+00	0.00E+00	8.12E-02
848	CARTGRID	1	373400	3763700	NonCancerChronicDerived_Inh	2.17E-03	2.73E-02	3.37E-04	2.60E-03	4.01E-06	2.18E-03	9.48E-02	2.17E-03	1.19E-04	0.00E+00	3.89E-06	2.40E-02	0.00E+00	0.00E+00	9.48E-02
849	CARTGRID	1	373500	3763700	NonCancerChronicDerived_Inh	1.42E-03	1.79E-02	2.21E-04	1.70E-03	2.97E-06	1.43E-03	6.21E-02	1.42E-03	8.77E-05	0.00E+00	2.89E-06	1.69E-02	0.00E+00	0.00E+00	6.21E-02
850	CARTGRID	1	373600	3763700	NonCancerChronicDerived_Inh	1.01E-03	1.27E-02	1.57E-04	1.21E-03	2.38E-06	1.01E-03	4.42E-02	1.01E-03	6.75E-05	0.00E+00	2.32E-06	1.27E-02	0.00E+00	0.00E+00	4.42E-02
851	CARTGRID	1	373700	3763700	NonCancerChronicDerived_Inh	7.66E-04	9.62E-03	1.19E-04	9.15E-04	2.16E-06	7.68E-04	3.35E-02	7.66E-04	5.96E-05	0.00E+00	2.12E-06	1.09E-02	0.00E+00	0.00E+00	3.35E-02
852	CARTGRID	1	373800	3763700	NonCancerChronicDerived_Inh	5.82E-04	7.32E-03	9.02E-05	6.96E-04	1.78E-06	5.84E-04	2.56E-02	5.82E-04	4.87E-05	0.00E+00	1.75E-06	8.98E-03	0.00E+00	0.00E+00	2.56E-02
853	CARTGRID	1	373900	3763700	NonCancerChronicDerived_Inh	3.22E-04	4.05E-03	4.99E-05	3.86E-04	1.06E-06	3.23E-04	1.42E-02	3.22E-04	2.59E-05	0.00E+00	1.04E-06	4.84E-03	0.00E+00	0.00E+00	1.42E-02
854	CARTGRID	1	374000	3763700	NonCancerChronicDerived_Inh	2.64E-04	3.32E-03	4.08E-05	3.16E-04	8.58E-07	2.65E-04	1.16E-02	2.64E-04	2.15E-05	0.00E+00	8.44E-07	3.99E-03	0.00E+00	0.00E+00	1.16E-02
855	CARTGRID	1	374100	3763700	NonCancerChronicDerived_Inh	2.26E-04	2.84E-03	3.50E-05	2.70E-04	6.79E-07	2.27E-04	9.94E-03	2.26E-04	1.74E-05	0.00E+00	6.66E-07	3.29E-03	0.00E+00	0.00E+00	9.94E-03
856	CARTGRID	1	374200	3763700	NonCancerChronicDerived_Inh	1.97E-04	2.48E-03	3.05E-05	2.35E-04	5.36E-07	1.97E-04	8.64E-03	1.97E-04	1.42E-05	0.00E+00	5.25E-07	2.74E-03	0.00E+00	0.00E+00	8.64E-03
857	CARTGRID	1	374300	3763700	NonCancerChronicDerived_Inh	1.86E-04	2.34E-03	2.87E-05	2.22E-04	4.75E-07	1.86E-04	8.14E-03	1.86E-04	1.30E-05	0.00E+00	4.65E-07	2.54E-03	0.00E+00	0.00E+00	8.14E-03
858	CARTGRID	1	374400	3763700	NonCancerChronicDerived_Inh	1.95E-04	2.46E-03	3.02E-05	2.34E-04	4.76E-07	1.96E-04	8.56E-03	1.95E-04	1.37E-05	0.00E+00	4.65E-07	2.68E-03	0.00E+00	0.00E+00	8.56E-03
859	CARTGRID	1	374500	3763700	NonCancerChronicDerived_Inh	2.25E-04	2.83E-03	3.48E-05	2.69E-04	4.97E-07	2.25E-04	9.84E-03	2.25E-04	1.51E-05	0.00E+00	4.85E-07	3.03E-03	0.00E+00	0.00E+00	9.84E-03
860	CARTGRID	1	374600	3763700	NonCancerChronicDerived_Inh	2.12E-04	2.66E-03	3.28E-05	2.53E-04	4.61E-07	2.12E-04	9.26E-03	2.11E-04	1.46E-05	0.00E+00	4.49E-07	2.93E-03	0.00E+00	0.00E+00	9.26E-03
861	CARTGRID	1	374700	3763700	NonCancerChronicDerived_Inh	1.57E-04	1.97E-03	2.43E-05	1.87E-04	3.48E-07	1.57E-04	6.87E-03	1.57E-04	1.05E-05	0.00E+00	3.40E-07	2.10E-03	0.00E+00	0.00E+00	6.87E-03
862	CARTGRID	1	374800	3763700	NonCancerChronicDerived_Inh	1.34E-04	1.69E-03	2.08E-05	1.60E-04	3.05E-07	1.34E-04	5.88E-03	1.34E-04	9.24E-06	0.00E+00	2.98E-07	1.83E-03	0.00E+00	0.00E+00	5.88E-03
863	CARTGRID	1	374900	3763700	NonCancerChronicDerived_Inh	1.22E-04	1.54E-03	1.89E-05	1.46E-04	2.90E-07	1.23E-04	5.36E-03	1.22E-04	8.85E-06	0.00E+00	2.84E-07	1.71E-03	0.00E+00	0.00E+00	5.36E-03
864	CARTGRID	1	375000	3763700	NonCancerChronicDerived_Inh	1.14E-04	1.43E-03	1.77E-05	1.36E-04	2.87E-07	1.14E-04	5.00E-03	1.14E-04	8.82E-06	0.00E+00	2.81E-07	1.66E-03	0.00E+00	0.00E+00	5.00E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
865	CARTGRID	1	371500	3763800	NonCancerChronicDerived_Inh	2.22E-05	2.80E-04	3.44E-06	2.67E-05	2.26E-07	2.24E-05	9.98E-04	2.22E-05	6.83E-06	0.00E+00	2.25E-07	9.11E-04	0.00E+00	0.00E+00	9.98E-04
866	CARTGRID	1	371600	3763800	NonCancerChronicDerived_Inh	2.52E-05	3.19E-04	3.91E-06	3.03E-05	2.55E-07	2.54E-05	1.13E-03	2.52E-05	7.73E-06	0.00E+00	2.53E-07	1.03E-03	0.00E+00	0.00E+00	1.13E-03
867	CARTGRID	1	371700	3763800	NonCancerChronicDerived_Inh	2.90E-05	3.67E-04	4.50E-06	3.49E-05	2.89E-07	2.93E-05	1.30E-03	2.90E-05	8.81E-06	0.00E+00	2.88E-07	1.17E-03	0.00E+00	0.00E+00	1.30E-03
868	CARTGRID	1	371800	3763800	NonCancerChronicDerived_Inh	3.39E-05	4.28E-04	5.25E-06	4.08E-05	3.32E-07	3.42E-05	1.52E-03	3.39E-05	1.02E-05	0.00E+00	3.30E-07	1.35E-03	0.00E+00	0.00E+00	1.52E-03
869	CARTGRID	1	371900	3763800	NonCancerChronicDerived_Inh	4.02E-05	5.09E-04	6.24E-06	4.84E-05	3.87E-07	4.06E-05	1.81E-03	4.02E-05	1.19E-05	0.00E+00	3.85E-07	1.58E-03	0.00E+00	0.00E+00	1.81E-03
870	CARTGRID	1	372000	3763800	NonCancerChronicDerived_Inh	4.86E-05	6.15E-04	7.54E-06	5.85E-05	4.63E-07	4.91E-05	2.18E-03	4.86E-05	1.42E-05	0.00E+00	4.60E-07	1.89E-03	0.00E+00	0.00E+00	2.18E-03
871	CARTGRID	1	372100	3763800	NonCancerChronicDerived_Inh	5.99E-05	7.58E-04	9.29E-06	7.21E-05	5.82E-07	6.05E-05	2.69E-03	5.99E-05	1.79E-05	0.00E+00	5.79E-07	2.37E-03	0.00E+00	0.00E+00	2.69E-03
872	CARTGRID	1	372200	3763800	NonCancerChronicDerived_Inh	7.53E-05	9.52E-04	1.17E-05	9.07E-05	8.07E-07	7.61E-05	3.38E-03	7.52E-05	2.48E-05	0.00E+00	8.03E-07	3.21E-03	0.00E+00	0.00E+00	3.38E-03
873	CARTGRID	1	372300	3763800	NonCancerChronicDerived_Inh	1.00E-04	1.27E-03	1.55E-05	1.21E-04	1.87E-06	1.02E-04	4.60E-03	1.00E-04	5.68E-05	0.00E+00	1.86E-06	6.88E-03	0.00E+00	0.00E+00	6.88E-03
874	CARTGRID	1	372400	3763800	NonCancerChronicDerived_Inh	1.41E-04	1.78E-03	2.18E-05	1.69E-04	1.08E-06	1.42E-04	6.27E-03	1.41E-04	3.27E-05	0.00E+00	1.07E-06	4.41E-03	0.00E+00	0.00E+00	6.27E-03
875	CARTGRID	1	372500	3763800	NonCancerChronicDerived_Inh	2.14E-04	2.70E-03	3.32E-05	2.57E-04	1.03E-06	2.15E-04	9.46E-03	2.14E-04	3.12E-05	0.00E+00	1.02E-06	4.58E-03	0.00E+00	0.00E+00	9.46E-03
876	CARTGRID	1	372600	3763800	NonCancerChronicDerived_Inh	3.85E-04	4.86E-03	5.98E-05	4.62E-04	1.69E-06	3.87E-04	1.70E-02	3.85E-04	5.08E-05	0.00E+00	1.67E-06	7.58E-03	0.00E+00	0.00E+00	1.70E-02
877	CARTGRID	1	372700	3763800	NonCancerChronicDerived_Inh	1.40E-03	1.76E-02	2.17E-04	1.67E-03	2.39E-06	1.40E-03	6.12E-02	1.40E-03	7.06E-05	0.00E+00	2.32E-06	1.47E-02	0.00E+00	0.00E+00	6.12E-02
878	CARTGRID	1	372800	3763800	NonCancerChronicDerived_Inh	2.49E-03	3.14E-02	3.87E-04	2.98E-03	3.18E-06	2.50E-03	1.09E-01	2.49E-03	9.29E-05	0.00E+00	3.05E-06	2.26E-02	0.00E+00	0.00E+00	1.09E-01
879	CARTGRID	1	372900	3763800	NonCancerChronicDerived_Inh	8.92E-04	1.12E-02	1.39E-04	1.07E-03	3.10E-06	8.95E-04	3.92E-02	8.92E-04	9.26E-05	0.00E+00	3.05E-06	1.47E-02	0.00E+00	0.00E+00	3.92E-02
880	CARTGRID	1	373000	3763800	NonCancerChronicDerived_Inh	5.89E-04	7.45E-03	9.15E-05	7.09E-04	4.27E-06	5.94E-04	2.62E-02	5.89E-04	1.28E-04	0.00E+00	4.24E-06	1.72E-02	0.00E+00	0.00E+00	2.62E-02
881	CARTGRID	1	373100	3763800	NonCancerChronicDerived_Inh	4.61E-04	5.83E-03	7.16E-05	5.54E-04	3.16E-06	4.64E-04	2.05E-02	4.61E-04	9.52E-05	0.00E+00	3.14E-06	1.29E-02	0.00E+00	0.00E+00	2.05E-02
882	CARTGRID	1	373200	3763800	NonCancerChronicDerived_Inh	4.68E-04	5.90E-03	7.26E-05	5.61E-04	2.29E-06	4.70E-04	2.06E-02	4.68E-04	6.89E-05	0.00E+00	2.27E-06	1.00E-02	0.00E+00	0.00E+00	2.06E-02
883	CARTGRID	1	373300	3763800	NonCancerChronicDerived_Inh	5.71E-04	7.21E-03	8.86E-05	6.85E-04	3.12E-06	5.74E-04	2.52E-02	5.71E-04	9.36E-05	0.00E+00	3.08E-06	1.33E-02	0.00E+00	0.00E+00	2.52E-02
884	CARTGRID	1	373400	3763800	NonCancerChronicDerived_Inh	7.80E-04	9.83E-03	1.21E-04	9.33E-04	2.15E-06	7.82E-04	3.42E-02	7.80E-04	6.42E-05	0.00E+00	2.11E-06	1.11E-02	0.00E+00	0.00E+00	3.42E-02
885	CARTGRID	1	373500	3763800	NonCancerChronicDerived_Inh	8.13E-04	1.02E-02	1.26E-04	9.72E-04	1.73E-06	8.15E-04	3.56E-02	8.13E-04	5.14E-05	0.00E+00	1.69E-06	9.82E-03	0.00E+00	0.00E+00	3.56E-02
886	CARTGRID	1	373600	3763800	NonCancerChronicDerived_Inh	8.10E-04	1.02E-02	1.26E-04	9.68E-04	1.62E-06	8.12E-04	3.54E-02	8.10E-04	4.75E-05	0.00E+00	1.58E-06	9.42E-03	0.00E+00	0.00E+00	3.54E-02
887	CARTGRID	1	373700	3763800	NonCancerChronicDerived_Inh	7.41E-04	9.32E-03	1.15E-04	8.86E-04	1.65E-06	7.43E-04	3.24E-02	7.41E-04	4.71E-05	0.00E+00	1.61E-06	9.12E-03	0.00E+00	0.00E+00	3.24E-02
888	CARTGRID	1	373800	3763800	NonCancerChronicDerived_Inh	5.00E-04	6.28E-03	7.74E-05	5.97E-04	1.23E-06	5.01E-04	2.19E-02	5.00E-04	3.18E-05	0.00E+00	1.20E-06	6.18E-03	0.00E+00	0.00E+00	2.19E-02
889	CARTGRID	1	373900	3763800	NonCancerChronicDerived_Inh	3.33E-04	4.19E-03	5.17E-05	3.99E-04	9.52E-07	3.34E-04	1.47E-02	3.33E-04	2.27E-05	0.00E+00	9.34E-07	4.36E-03	0.00E+00	0.00E+00	1.47E-02
890	CARTGRID	1	374000	3763800	NonCancerChronicDerived_Inh	2.88E-04	3.62E-03	4.47E-05	3.45E-04	8.64E-07	2.89E-04	1.27E-02	2.88E-04	2.11E-05	0.00E+00	8.48E-07	4.00E-03	0.00E+00	0.00E+00	1.27E-02
891	CARTGRID	1	374100	3763800	NonCancerChronicDerived_Inh	2.63E-04	3.31E-03	4.08E-05	3.15E-04	7.93E-07	2.64E-04	1.16E-02	2.63E-04	2.03E-05	0.00E+00	7.79E-07	3.79E-03	0.00E+00	0.00E+00	1.16E-02
892	CARTGRID	1	374200	3763800	NonCancerChronicDerived_Inh	1.93E-04	2.43E-03	2.99E-05	2.31E-04	5.76E-07	1.94E-04	8.50E-03	1.93E-04	1.43E-05	0.00E+00	5.66E-07	2.73E-03	0.00E+00	0.00E+00	8.50E-03
893	CARTGRID	1	374300	3763800	NonCancerChronicDerived_Inh	1.77E-04	2.23E-03	2.75E-05	2.12E-04	5.04E-07	1.78E-04	7.80E-03	1.77E-04	1.29E-05	0.00E+00	4.94E-07	2.48E-03	0.00E+00	0.00E+00	7.80E-03
894	CARTGRID	1	374400	3763800	NonCancerChronicDerived_Inh	1.66E-04	2.09E-03	2.57E-05	1.99E-04	4.48E-07	1.66E-04	7.29E-03	1.66E-04	1.18E-05	0.00E+00	4.39E-07	2.29E-03	0.00E+00	0.00E+00	7.29E-03
895	CARTGRID	1	374500	3763800	NonCancerChronicDerived_Inh	1.67E-04	2.11E-03	2.59E-05	2.00E-04	4.33E-07	1.68E-04	7.35E-03	1.67E-04	1.20E-05	0.00E+00	4.23E-07	2.31E-03	0.00E+00	0.00E+00	7.35E-03
896	CARTGRID	1	374600	3763800	NonCancerChronicDerived_Inh	2.07E-04	2.61E-03	3.21E-05	2.48E-04	4.89E-07	2.08E-04	9.08E-03	2.07E-04	1.49E-05	0.00E+00	4.78E-07	2.92E-03	0.00E+00	0.00E+00	9.08E-03
897	CARTGRID	1	374700	3763800	NonCancerChronicDerived_Inh	1.90E-04	2.39E-03	2.94E-05	2.27E-04	4.45E-07	1.90E-04	8.32E-03	1.90E-04	1.35E-05	0.00E+00	4.34E-07	2.66E-03	0.00E+00	0.00E+00	8.32E-03
898	CARTGRID	1	374800	3763800	NonCancerChronicDerived_Inh	1.47E-04	1.85E-03	2.28E-05	1.76E-04	3.46E-07	1.48E-04	6.46E-03	1.47E-04	1.02E-05	0.00E+00	3.38E-07	2.01E-03	0.00E+00	0.00E+00	6.46E-03
899	CARTGRID	1	374900	3763800	NonCancerChronicDerived_Inh	1.25E-04	1.57E-03	1.93E-05	1.49E-04	2.98E-07	1.25E-04	5.46E-03	1.25E-04	8.78E-06	0.00E+00	2.91E-07	1.71E-03	0.00E+00	0.00E+00	5.46E-03
900	CARTGRID	1	375000	3763800	NonCancerChronicDerived_Inh	1.16E-04	1.46E-03	1.79E-05	1.38E-04	2.84E-07	1.16E-04	5.08E-03	1.16E-04	8.45E-06	0.00E+00	2.77E-07	1.63E-03	0.00E+00	0.00E+00	5.08E-03
901	CARTGRID	1	371500	3763900	NonCancerChronicDerived_Inh	2.15E-05	2.71E-04	3.33E-06	2.58E-05	2.19E-07	2.17E-05	9.65E-04	2.14E-05	6.63E-06	0.00E+00	2.18E-07	8.83E-04	0.00E+00	0.00E+00	9.65E-04
902	CARTGRID	1	371600	3763900	NonCancerChronicDerived_Inh	2.43E-05	3.08E-04	3.77E-06	2.93E-05	2.49E-07	2.46E-05	1.09E-03	2.43E-05	7.57E-06	0.00E+00	2.48E-07	1.01E-03	0.00E+00	0.00E+00	1.09E-03
903	CARTGRID	1	371700	3763900	NonCancerChronicDerived_Inh	2.80E-05	3.54E-04	4.34E-06	3.37E-05	2.86E-07	2.83E-05	1.26E-03	2.80E-05	8.73E-06	0.00E+00	2.84E-07	1.16E-03	0.00E+00	0.00E+00	1.26E-03
904	CARTGRID	1	371800	3763900	NonCancerChronicDerived_Inh	3.27E-05	4.13E-04	5.07E-06	3.94E-05	3.32E-07	3.30E-05	1.47E-03	3.27E-05	1.02E-05	0.00E+00	3.31E-07	1.35E-03	0.00E+00	0.00E+00	1.47E-03
905	CARTGRID	1	371900	3763900	NonCancerChronicDerived_Inh	3.90E-05	4.93E-04	6.05E-06	4.70E-05	3.95E-07	3.94E-05	1.75E-03	3.90E-05	1.22E-05	0.00E+00	3.93E-07	1.61E-03	0.00E+00	0.00E+00	1.75E-03
906	CARTGRID	1	372000	3763900	NonCancerChronicDerived_Inh	4.76E-05	6.02E-04	7.38E-06	5.73E-05	4.81E-07	4.81E-05	2.14E-03	4.76E-05	1.48E-05	0.00E+00	4.79E-07	1.96E-03	0.00E+00	0.00E+00	2.14E-03
907	CARTGRID	1	372100	3763900	NonCancerChronicDerived_Inh	6.05E-05	7.65E-04	9.38E-06	7.29E-05	6.43E-07	6.11E-05	2.72E-03	6.05E-05	1.98E-05	0.00E+00	6.39E-07	2.60E-03	0.00E+00	0.00E+00	2.72E-03
908	CARTGRID	1	372200	3763900	NonCancerChronicDerived_Inh	7.72E-05	9.79E-04	1.20E-05	9.33E-05	1.19E-06	7.84E-05	3.52E-03	7.72E-05	3.65E-05	0.00E+00	1.18E-06	4.53E-03	0.00E+00	0.00E+00	4.53E-03
909	CARTGRID	1	372300	3763900	NonCancerChronicDerived_Inh	1.01E-04	1.28E-03	1.56E-05	1.22E-04	1.20E-06	1.02E-04	4.55E-03	1.01E-04	3.69E-05	0.00E+00	1.19E-06	4.70E-03	0.00E+00	0.00E+00	4.70E-03
910	CARTGRID	1	372400	3763900	NonCancerChronicDerived_Inh	1.46E-04	1.85E-03	2.27E-05	1.76E-04	1.54E-06	1.48E-04	6.58E-03	1.46E-04	4.69E-05	0.00E+00	1.53E-06	6.04E-03	0.00E+00	0.00E+00	6.58E-03
911	CARTGRID	1	372500	3763900	NonCancerChronicDerived_Inh	2.21E-04	2.79E-03	3.43E-05	2.66E-04	2.13E-06	2.23E-04	9.89E-03	2.21E-04	6.47E-05	0.00E+00	2.12E-06	8.34E-03	0.00E+00	0.00E+00	9.89E-03
912	CARTGRID	1	372600	3763900	NonCancerChronicDerived_Inh	4.51E-04	5.68E-03	7.00E-05	5.41E-04	1.88E-06	4.53E-04	1.99E-02	4.51E-04	5.65E-05	0.00E+00	1.85E-06	8.55E-03	0.00E+00	0.00E+00	1.99E-02

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
913	CARTGRID	1	372700	3763900	NonCancerChronicDerived_Inh	6.48E-03	8.14E-02	1.01E-03	7.74E-03	2.73E-06	6.48E-03	2.83E-01	6.48E-03	7.42E-05	0.00E+00	2.38E-06	4.01E-02	0.00E+00	0.00E+00	2.83E-01
914	CARTGRID	1	372800	3763900	NonCancerChronicDerived_Inh	1.38E-03	1.73E-02	2.14E-04	1.65E-03	2.41E-06	1.38E-03	6.03E-02	1.38E-03	7.12E-05	0.00E+00	2.34E-06	1.47E-02	0.00E+00	0.00E+00	6.03E-02
915	CARTGRID	1	372900	3763900	NonCancerChronicDerived_Inh	6.58E-04	8.29E-03	1.02E-04	7.88E-04	1.72E-06	6.60E-04	2.89E-02	6.58E-04	5.13E-05	0.00E+00	1.68E-06	9.00E-03	0.00E+00	0.00E+00	2.89E-02
916	CARTGRID	1	373000	3763900	NonCancerChronicDerived_Inh	4.82E-04	6.08E-03	7.48E-05	5.78E-04	2.01E-06	4.84E-04	2.13E-02	4.82E-04	6.05E-05	0.00E+00	1.99E-06	9.14E-03	0.00E+00	0.00E+00	2.13E-02
917	CARTGRID	1	373100	3763900	NonCancerChronicDerived_Inh	3.84E-04	4.86E-03	5.96E-05	4.63E-04	4.32E-06	3.88E-04	1.73E-02	3.84E-04	1.30E-04	0.00E+00	4.30E-06	1.64E-02	0.00E+00	0.00E+00	1.73E-02
918	CARTGRID	1	373200	3763900	NonCancerChronicDerived_Inh	3.69E-04	4.66E-03	5.73E-05	4.43E-04	2.03E-06	3.71E-04	1.63E-02	3.69E-04	6.11E-05	0.00E+00	2.01E-06	8.67E-03	0.00E+00	0.00E+00	1.63E-02
919	CARTGRID	1	373300	3763900	NonCancerChronicDerived_Inh	3.77E-04	4.78E-03	5.86E-05	4.54E-04	3.13E-06	3.80E-04	1.68E-02	3.77E-04	9.44E-05	0.00E+00	3.11E-06	1.24E-02	0.00E+00	0.00E+00	1.68E-02
920	CARTGRID	1	373400	3763900	NonCancerChronicDerived_Inh	3.88E-04	4.89E-03	6.02E-05	4.64E-04	1.59E-06	3.89E-04	1.71E-02	3.87E-04	4.77E-05	0.00E+00	1.57E-06	7.28E-03	0.00E+00	0.00E+00	1.71E-02
921	CARTGRID	1	373500	3763900	NonCancerChronicDerived_Inh	4.48E-04	5.65E-03	6.95E-05	5.36E-04	1.15E-06	4.49E-04	1.96E-02	4.48E-04	3.45E-05	0.00E+00	1.13E-06	6.13E-03	0.00E+00	0.00E+00	1.96E-02
922	CARTGRID	1	373600	3763900	NonCancerChronicDerived_Inh	5.40E-04	6.80E-03	8.37E-05	6.46E-04	1.20E-06	5.41E-04	2.36E-02	5.40E-04	3.55E-05	0.00E+00	1.17E-06	6.71E-03	0.00E+00	0.00E+00	2.36E-02
923	CARTGRID	1	373700	3763900	NonCancerChronicDerived_Inh	5.91E-04	7.44E-03	9.17E-05	7.07E-04	1.25E-06	5.92E-04	2.59E-02	5.91E-04	3.65E-05	0.00E+00	1.22E-06	7.10E-03	0.00E+00	0.00E+00	2.59E-02
924	CARTGRID	1	373800	3763900	NonCancerChronicDerived_Inh	4.27E-04	5.37E-03	6.62E-05	5.10E-04	8.52E-07	4.28E-04	1.87E-02	4.27E-04	2.26E-05	0.00E+00	8.29E-07	4.69E-03	0.00E+00	0.00E+00	1.87E-02
925	CARTGRID	1	373900	3763900	NonCancerChronicDerived_Inh	3.46E-04	4.35E-03	5.36E-05	4.13E-04	7.87E-07	3.47E-04	1.52E-02	3.46E-04	1.96E-05	0.00E+00	7.68E-07	3.99E-03	0.00E+00	0.00E+00	1.52E-02
926	CARTGRID	1	374000	3763900	NonCancerChronicDerived_Inh	3.44E-04	4.32E-03	5.33E-05	4.11E-04	8.62E-07	3.45E-04	1.51E-02	3.44E-04	2.22E-05	0.00E+00	8.43E-07	4.33E-03	0.00E+00	0.00E+00	1.51E-02
927	CARTGRID	1	374100	3763900	NonCancerChronicDerived_Inh	2.93E-04	3.69E-03	4.55E-05	3.51E-04	7.88E-07	2.94E-04	1.29E-02	2.93E-04	2.03E-05	0.00E+00	7.72E-07	3.89E-03	0.00E+00	0.00E+00	1.29E-02
928	CARTGRID	1	374200	3763900	NonCancerChronicDerived_Inh	2.02E-04	2.54E-03	3.13E-05	2.42E-04	5.78E-07	2.03E-04	8.90E-03	2.02E-04	1.39E-05	0.00E+00	5.67E-07	2.70E-03	0.00E+00	0.00E+00	8.90E-03
929	CARTGRID	1	374300	3763900	NonCancerChronicDerived_Inh	1.98E-04	2.49E-03	3.06E-05	2.37E-04	5.66E-07	1.98E-04	8.70E-03	1.98E-04	1.43E-05	0.00E+00	5.56E-07	2.72E-03	0.00E+00	0.00E+00	8.70E-03
930	CARTGRID	1	374400	3763900	NonCancerChronicDerived_Inh	2.14E-04	2.69E-03	3.31E-05	2.56E-04	5.86E-07	2.14E-04	9.39E-03	2.14E-04	1.59E-05	0.00E+00	5.75E-07	3.01E-03	0.00E+00	0.00E+00	9.39E-03
931	CARTGRID	1	374500	3763900	NonCancerChronicDerived_Inh	1.94E-04	2.44E-03	3.00E-05	2.32E-04	5.19E-07	1.95E-04	8.52E-03	1.94E-04	1.43E-05	0.00E+00	5.08E-07	2.72E-03	0.00E+00	0.00E+00	8.52E-03
932	CARTGRID	1	374600	3763900	NonCancerChronicDerived_Inh	2.01E-04	2.54E-03	3.12E-05	2.41E-04	5.04E-07	2.02E-04	8.84E-03	2.01E-04	1.48E-05	0.00E+00	4.93E-07	2.87E-03	0.00E+00	0.00E+00	8.84E-03
933	CARTGRID	1	374700	3763900	NonCancerChronicDerived_Inh	1.87E-04	2.35E-03	2.89E-05	2.23E-04	4.63E-07	1.87E-04	8.19E-03	1.87E-04	1.35E-05	0.00E+00	4.53E-07	2.63E-03	0.00E+00	0.00E+00	8.19E-03
934	CARTGRID	1	374800	3763900	NonCancerChronicDerived_Inh	1.38E-04	1.74E-03	2.14E-05	1.65E-04	3.47E-07	1.38E-04	6.06E-03	1.38E-04	9.76E-06	0.00E+00	3.39E-07	1.90E-03	0.00E+00	0.00E+00	6.06E-03
935	CARTGRID	1	374900	3763900	NonCancerChronicDerived_Inh	1.34E-04	1.68E-03	2.07E-05	1.60E-04	3.29E-07	1.34E-04	5.86E-03	1.33E-04	9.47E-06	0.00E+00	3.22E-07	1.84E-03	0.00E+00	0.00E+00	5.86E-03
936	CARTGRID	1	375000	3763900	NonCancerChronicDerived_Inh	1.36E-04	1.71E-03	2.11E-05	1.63E-04	3.32E-07	1.36E-04	5.97E-03	1.36E-04	9.82E-06	0.00E+00	3.24E-07	1.90E-03	0.00E+00	0.00E+00	5.97E-03
937	CARTGRID	1	371500	3764000	NonCancerChronicDerived_Inh	2.06E-05	2.61E-04	3.20E-06	2.48E-05	2.10E-07	2.08E-05	9.28E-04	2.06E-05	6.36E-06	0.00E+00	2.09E-07	8.47E-04	0.00E+00	0.00E+00	9.28E-04
938	CARTGRID	1	371600	3764000	NonCancerChronicDerived_Inh	2.34E-05	2.95E-04	3.62E-06	2.81E-05	2.40E-07	2.36E-05	1.05E-03	2.33E-05	7.32E-06	0.00E+00	2.39E-07	9.72E-04	0.00E+00	0.00E+00	1.05E-03
939	CARTGRID	1	371700	3764000	NonCancerChronicDerived_Inh	2.68E-05	3.38E-04	4.15E-06	3.22E-05	2.79E-07	2.70E-05	1.20E-03	2.68E-05	8.53E-06	0.00E+00	2.78E-07	1.13E-03	0.00E+00	0.00E+00	1.20E-03
940	CARTGRID	1	371800	3764000	NonCancerChronicDerived_Inh	3.12E-05	3.95E-04	4.84E-06	3.76E-05	3.30E-07	3.16E-05	1.41E-03	3.12E-05	1.01E-05	0.00E+00	3.28E-07	1.34E-03	0.00E+00	0.00E+00	1.41E-03
941	CARTGRID	1	371900	3764000	NonCancerChronicDerived_Inh	3.73E-05	4.72E-04	5.78E-06	4.49E-05	4.08E-07	3.77E-05	1.68E-03	3.73E-05	1.26E-05	0.00E+00	4.06E-07	1.65E-03	0.00E+00	0.00E+00	1.68E-03
942	CARTGRID	1	372000	3764000	NonCancerChronicDerived_Inh	4.60E-05	5.82E-04	7.13E-06	5.54E-05	5.19E-07	4.65E-05	2.07E-03	4.60E-05	1.60E-05	0.00E+00	5.17E-07	2.09E-03	0.00E+00	0.00E+00	2.09E-03
943	CARTGRID	1	372100	3764000	NonCancerChronicDerived_Inh	6.02E-05	7.63E-04	9.34E-06	7.27E-05	7.61E-07	6.10E-05	2.72E-03	6.02E-05	2.35E-05	0.00E+00	7.58E-07	3.01E-03	0.00E+00	0.00E+00	3.01E-03
944	CARTGRID	1	372200	3764000	NonCancerChronicDerived_Inh	8.12E-05	1.03E-03	1.26E-05	9.82E-05	1.21E-06	8.24E-05	3.69E-03	8.12E-05	3.75E-05	0.00E+00	1.21E-06	4.69E-03	0.00E+00	0.00E+00	4.69E-03
945	CARTGRID	1	372300	3764000	NonCancerChronicDerived_Inh	1.11E-04	1.41E-03	1.73E-05	1.34E-04	1.35E-06	1.13E-04	5.02E-03	1.11E-04	4.18E-05	0.00E+00	1.34E-06	5.38E-03	0.00E+00	0.00E+00	5.38E-03
946	CARTGRID	1	372400	3764000	NonCancerChronicDerived_Inh	1.56E-04	1.98E-03	2.43E-05	1.88E-04	1.53E-06	1.58E-04	7.01E-03	1.56E-04	4.75E-05	0.00E+00	1.52E-06	6.23E-03	0.00E+00	0.00E+00	7.01E-03
947	CARTGRID	1	372500	3764000	NonCancerChronicDerived_Inh	2.65E-04	3.35E-03	4.11E-05	3.19E-04	1.93E-06	2.67E-04	1.18E-02	2.65E-04	5.89E-05	0.00E+00	1.92E-06	7.96E-03	0.00E+00	0.00E+00	1.18E-02
948	CARTGRID	1	372600	3764000	NonCancerChronicDerived_Inh	7.12E-04	8.97E-03	1.10E-04	8.53E-04	2.06E-06	7.14E-04	3.12E-02	7.12E-04	6.18E-05	0.00E+00	2.03E-06	1.04E-02	0.00E+00	0.00E+00	3.12E-02
949	CARTGRID	1	372700	3764000	NonCancerChronicDerived_Inh	4.04E-03	5.07E-02	6.26E-04	4.82E-03	1.98E-06	4.04E-03	1.76E-01	4.04E-03	5.46E-05	0.00E+00	1.76E-06	2.59E-02	0.00E+00	0.00E+00	1.76E-01
950	CARTGRID	1	372800	3764000	NonCancerChronicDerived_Inh	9.34E-04	1.18E-02	1.45E-04	1.12E-03	2.93E-06	9.37E-04	4.11E-02	9.34E-04	8.77E-05	0.00E+00	2.88E-06	1.43E-02	0.00E+00	0.00E+00	4.11E-02
951	CARTGRID	1	372900	3764000	NonCancerChronicDerived_Inh	5.76E-04	7.27E-03	8.95E-05	6.92E-04	3.25E-06	5.80E-04	2.55E-02	5.76E-04	9.78E-05	0.00E+00	3.22E-06	1.37E-02	0.00E+00	0.00E+00	2.55E-02
952	CARTGRID	1	373000	3764000	NonCancerChronicDerived_Inh	4.08E-04	5.14E-03	6.33E-05	4.89E-04	1.91E-06	4.10E-04	1.80E-02	4.08E-04	5.73E-05	0.00E+00	1.88E-06	8.42E-03	0.00E+00	0.00E+00	1.80E-02
953	CARTGRID	1	373100	3764000	NonCancerChronicDerived_Inh	3.35E-04	4.23E-03	5.20E-05	4.02E-04	1.53E-06	3.37E-04	1.48E-02	3.35E-04	4.60E-05	0.00E+00	1.51E-06	6.81E-03	0.00E+00	0.00E+00	1.48E-02
954	CARTGRID	1	373200	3764000	NonCancerChronicDerived_Inh	3.11E-04	3.92E-03	4.83E-05	3.73E-04	1.45E-06	3.12E-04	1.37E-02	3.11E-04	4.36E-05	0.00E+00	1.43E-06	6.43E-03	0.00E+00	0.00E+00	1.37E-02
955	CARTGRID	1	373300	3764000	NonCancerChronicDerived_Inh	2.87E-04	3.62E-03	4.45E-05	3.45E-04	2.01E-06	2.89E-04	1.28E-02	2.87E-04	6.07E-05	0.00E+00	2.00E-06	8.19E-03	0.00E+00	0.00E+00	1.28E-02
956	CARTGRID	1	373400	3764000	NonCancerChronicDerived_Inh	2.77E-04	3.50E-03	4.30E-05	3.32E-04	1.14E-06	2.78E-04	1.22E-02	2.77E-04	3.44E-05	0.00E+00	1.13E-06	5.25E-03	0.00E+00	0.00E+00	1.22E-02
957	CARTGRID	1	373500	3764000	NonCancerChronicDerived_Inh	2.96E-04	3.73E-03	4.59E-05	3.54E-04	9.47E-07	2.97E-04	1.30E-02	2.96E-04	2.84E-05	0.00E+00	9.31E-07	4.68E-03	0.00E+00	0.00E+00	1.30E-02
958	CARTGRID	1	373600	3764000	NonCancerChronicDerived_Inh	3.45E-04	4.35E-03	5.36E-05	4.13E-04	9.29E-07	3.46E-04	1.52E-02	3.45E-04	2.78E-05	0.00E+00	9.10E-07	4.87E-03	0.00E+00	0.00E+00	1.52E-02
959	CARTGRID	1	373700	3764000	NonCancerChronicDerived_Inh	4.07E-04	5.12E-03	6.31E-05	4.87E-04	9.41E-07	4.08E-04	1.78E-02	4.07E-04	2.78E-05	0.00E+00	9.19E-07	5.17E-03	0.00E+00	0.00E+00	1.78E-02
960	CARTGRID	1	373800	3764000	NonCancerChronicDerived_Inh	3.48E-04	4.38E-03	5.39E-05	4.16E-04	6.89E-07	3.48E-04	1.52E-02	3.48E-04	1.91E-05	0.00E+00	6.70E-07	3.90E-03	0.00E+00	0.00E+00	1.52E-02

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
961	CARTGRID	1	373900	3764000	NonCancerChronicDerived_Inh	3.08E-04	3.88E-03	4.78E-05	3.69E-04	6.30E-07	3.09E-04	1.35E-02	3.08E-04	1.64E-05	0.00E+00	6.13E-07	3.41E-03	0.00E+00	0.00E+00	1.35E-02
962	CARTGRID	1	374000	3764000	NonCancerChronicDerived_Inh	3.37E-04	4.24E-03	5.22E-05	4.03E-04	7.46E-07	3.37E-04	1.48E-02	3.37E-04	1.98E-05	0.00E+00	7.28E-07	3.98E-03	0.00E+00	0.00E+00	1.48E-02
963	CARTGRID	1	374100	3764000	NonCancerChronicDerived_Inh	3.01E-04	3.79E-03	4.67E-05	3.60E-04	7.14E-07	3.02E-04	1.32E-02	3.01E-04	1.86E-05	0.00E+00	6.97E-07	3.69E-03	0.00E+00	0.00E+00	1.32E-02
964	CARTGRID	1	374200	3764000	NonCancerChronicDerived_Inh	2.16E-04	2.72E-03	3.35E-05	2.58E-04	5.49E-07	2.16E-04	9.48E-03	2.16E-04	1.33E-05	0.00E+00	5.37E-07	2.66E-03	0.00E+00	0.00E+00	9.48E-03
965	CARTGRID	1	374300	3764000	NonCancerChronicDerived_Inh	2.02E-04	2.54E-03	3.13E-05	2.41E-04	5.36E-07	2.02E-04	8.87E-03	2.02E-04	1.32E-05	0.00E+00	5.25E-07	2.59E-03	0.00E+00	0.00E+00	8.87E-03
966	CARTGRID	1	374400	3764000	NonCancerChronicDerived_Inh	2.35E-04	2.96E-03	3.65E-05	2.82E-04	6.21E-07	2.36E-04	1.03E-02	2.35E-04	1.69E-05	0.00E+00	6.08E-07	3.23E-03	0.00E+00	0.00E+00	1.03E-02
967	CARTGRID	1	374500	3764000	NonCancerChronicDerived_Inh	2.19E-04	2.76E-03	3.39E-05	2.62E-04	5.64E-07	2.20E-04	9.61E-03	2.19E-04	1.60E-05	0.00E+00	5.52E-07	3.07E-03	0.00E+00	0.00E+00	9.61E-03
968	CARTGRID	1	374600	3764000	NonCancerChronicDerived_Inh	1.92E-04	2.41E-03	2.97E-05	2.29E-04	4.91E-07	1.92E-04	8.42E-03	1.92E-04	1.41E-05	0.00E+00	4.81E-07	2.71E-03	0.00E+00	0.00E+00	8.42E-03
969	CARTGRID	1	374700	3764000	NonCancerChronicDerived_Inh	1.87E-04	2.35E-03	2.89E-05	2.23E-04	4.78E-07	1.87E-04	8.20E-03	1.87E-04	1.36E-05	0.00E+00	4.68E-07	2.62E-03	0.00E+00	0.00E+00	8.20E-03
970	CARTGRID	1	374800	3764000	NonCancerChronicDerived_Inh	1.44E-04	1.81E-03	2.23E-05	1.72E-04	3.75E-07	1.45E-04	6.33E-03	1.44E-04	1.03E-05	0.00E+00	3.67E-07	1.98E-03	0.00E+00	0.00E+00	6.33E-03
971	CARTGRID	1	374900	3764000	NonCancerChronicDerived_Inh	1.43E-04	1.80E-03	2.21E-05	1.71E-04	3.61E-07	1.43E-04	6.26E-03	1.43E-04	1.02E-05	0.00E+00	3.54E-07	1.97E-03	0.00E+00	0.00E+00	6.26E-03
972	CARTGRID	1	375000	3764000	NonCancerChronicDerived_Inh	1.36E-04	1.71E-03	2.11E-05	1.63E-04	3.40E-07	1.36E-04	5.96E-03	1.36E-04	9.76E-06	0.00E+00	3.33E-07	1.89E-03	0.00E+00	0.00E+00	5.96E-03
973	CARTGRID	1	371500	3764100	NonCancerChronicDerived_Inh	1.95E-05	2.47E-04	3.03E-06	2.35E-05	1.98E-07	1.97E-05	8.79E-04	1.95E-05	5.99E-06	0.00E+00	1.97E-07	7.99E-04	0.00E+00	0.00E+00	8.79E-04
974	CARTGRID	1	371600	3764100	NonCancerChronicDerived_Inh	2.21E-05	2.80E-04	3.43E-06	2.66E-05	2.29E-07	2.24E-05	9.96E-04	2.21E-05	6.97E-06	0.00E+00	2.28E-07	9.25E-04	0.00E+00	0.00E+00	9.96E-04
975	CARTGRID	1	371700	3764100	NonCancerChronicDerived_Inh	2.53E-05	3.20E-04	3.92E-06	3.05E-05	2.68E-07	2.56E-05	1.14E-03	2.53E-05	8.21E-06	0.00E+00	2.67E-07	1.08E-03	0.00E+00	0.00E+00	1.14E-03
976	CARTGRID	1	371800	3764100	NonCancerChronicDerived_Inh	2.94E-05	3.73E-04	4.57E-06	3.55E-05	3.23E-07	2.98E-05	1.33E-03	2.94E-05	9.92E-06	0.00E+00	3.21E-07	1.30E-03	0.00E+00	0.00E+00	1.33E-03
977	CARTGRID	1	371900	3764100	NonCancerChronicDerived_Inh	3.53E-05	4.46E-04	5.47E-06	4.25E-05	4.00E-07	3.57E-05	1.59E-03	3.53E-05	1.23E-05	0.00E+00	3.98E-07	1.61E-03	0.00E+00	0.00E+00	1.61E-03
978	CARTGRID	1	372000	3764100	NonCancerChronicDerived_Inh	4.37E-05	5.53E-04	6.77E-06	5.27E-05	5.22E-07	4.42E-05	1.98E-03	4.37E-05	1.62E-05	0.00E+00	5.19E-07	2.09E-03	0.00E+00	0.00E+00	2.09E-03
979	CARTGRID	1	372100	3764100	NonCancerChronicDerived_Inh	5.82E-05	7.37E-04	9.03E-06	7.02E-05	7.36E-07	5.89E-05	2.63E-03	5.82E-05	2.28E-05	0.00E+00	7.33E-07	2.93E-03	0.00E+00	0.00E+00	2.93E-03
980	CARTGRID	1	372200	3764100	NonCancerChronicDerived_Inh	7.97E-05	1.01E-03	1.24E-05	9.63E-05	1.14E-06	8.09E-05	3.62E-03	7.97E-05	3.55E-05	0.00E+00	1.14E-06	4.48E-03	0.00E+00	0.00E+00	4.48E-03
981	CARTGRID	1	372300	3764100	NonCancerChronicDerived_Inh	1.13E-04	1.44E-03	1.76E-05	1.37E-04	1.48E-06	1.15E-04	5.13E-03	1.13E-04	4.62E-05	0.00E+00	1.47E-06	5.92E-03	0.00E+00	0.00E+00	5.92E-03
982	CARTGRID	1	372400	3764100	NonCancerChronicDerived_Inh	1.71E-04	2.16E-03	2.66E-05	2.06E-04	1.35E-06	1.73E-04	7.63E-03	1.71E-04	4.39E-05	0.00E+00	1.34E-06	6.17E-03	0.00E+00	0.00E+00	7.63E-03
983	CARTGRID	1	372500	3764100	NonCancerChronicDerived_Inh	2.99E-04	3.77E-03	4.63E-05	3.59E-04	1.81E-06	3.01E-04	1.32E-02	2.99E-04	5.62E-05	0.00E+00	1.80E-06	7.96E-03	0.00E+00	0.00E+00	1.32E-02
984	CARTGRID	1	372600	3764100	NonCancerChronicDerived_Inh	1.99E-03	2.49E-02	3.06E-04	2.37E-03	1.84E-06	1.99E-03	8.63E-02	1.99E-03	5.34E-05	0.00E+00	1.73E-06	1.57E-02	0.00E+00	0.00E+00	8.63E-02
985	CARTGRID	1	372700	3764100	NonCancerChronicDerived_Inh	1.47E-03	1.85E-02	2.27E-04	1.76E-03	2.33E-06	1.47E-03	6.41E-02	1.47E-03	6.91E-05	0.00E+00	2.25E-06	1.49E-02	0.00E+00	0.00E+00	6.41E-02
986	CARTGRID	1	372800	3764100	NonCancerChronicDerived_Inh	7.51E-04	9.46E-03	1.17E-04	9.01E-04	2.71E-06	7.54E-04	3.30E-02	7.51E-04	8.15E-05	0.00E+00	2.67E-06	1.28E-02	0.00E+00	0.00E+00	3.30E-02
987	CARTGRID	1	372900	3764100	NonCancerChronicDerived_Inh	4.98E-04	6.28E-03	7.72E-05	5.97E-04	2.74E-06	5.01E-04	2.20E-02	4.98E-04	8.26E-05	0.00E+00	2.71E-06	1.16E-02	0.00E+00	0.00E+00	2.20E-02
988	CARTGRID	1	373000	3764100	NonCancerChronicDerived_Inh	3.80E-04	4.79E-03	5.90E-05	4.56E-04	1.74E-06	3.82E-04	1.68E-02	3.80E-04	5.23E-05	0.00E+00	1.72E-06	7.72E-03	0.00E+00	0.00E+00	1.68E-02
989	CARTGRID	1	373100	3764100	NonCancerChronicDerived_Inh	3.03E-04	3.82E-03	4.70E-05	3.63E-04	1.34E-06	3.04E-04	1.34E-02	3.03E-04	4.05E-05	0.00E+00	1.33E-06	6.03E-03	0.00E+00	0.00E+00	1.34E-02
990	CARTGRID	1	373200	3764100	NonCancerChronicDerived_Inh	2.73E-04	3.44E-03	4.23E-05	3.27E-04	1.26E-06	2.74E-04	1.21E-02	2.73E-04	3.81E-05	0.00E+00	1.25E-06	5.62E-03	0.00E+00	0.00E+00	1.21E-02
991	CARTGRID	1	373300	3764100	NonCancerChronicDerived_Inh	2.55E-04	3.22E-03	3.96E-05	3.06E-04	1.40E-06	2.57E-04	1.13E-02	2.55E-04	4.24E-05	0.00E+00	1.39E-06	6.01E-03	0.00E+00	0.00E+00	1.13E-02
992	CARTGRID	1	373400	3764100	NonCancerChronicDerived_Inh	2.35E-04	2.96E-03	3.65E-05	2.81E-04	8.44E-07	2.36E-04	1.03E-02	2.35E-04	2.54E-05	0.00E+00	8.31E-07	4.03E-03	0.00E+00	0.00E+00	1.03E-02
993	CARTGRID	1	373500	3764100	NonCancerChronicDerived_Inh	2.35E-04	2.97E-03	3.65E-05	2.82E-04	7.87E-07	2.36E-04	1.04E-02	2.35E-04	2.37E-05	0.00E+00	7.74E-07	3.85E-03	0.00E+00	0.00E+00	1.04E-02
994	CARTGRID	1	373600	3764100	NonCancerChronicDerived_Inh	2.65E-04	3.34E-03	4.11E-05	3.17E-04	8.06E-07	2.66E-04	1.16E-02	2.65E-04	2.42E-05	0.00E+00	7.92E-07	4.06E-03	0.00E+00	0.00E+00	1.16E-02
995	CARTGRID	1	373700	3764100	NonCancerChronicDerived_Inh	2.59E-04	3.26E-03	4.02E-05	3.10E-04	6.12E-07	2.60E-04	1.14E-02	2.59E-04	1.79E-05	0.00E+00	5.98E-07	3.31E-03	0.00E+00	0.00E+00	1.14E-02
996	CARTGRID	1	373800	3764100	NonCancerChronicDerived_Inh	2.23E-04	2.81E-03	3.46E-05	2.67E-04	4.86E-07	2.24E-04	9.78E-03	2.23E-04	1.35E-05	0.00E+00	4.74E-07	2.64E-03	0.00E+00	0.00E+00	9.78E-03
997	CARTGRID	1	373900	3764100	NonCancerChronicDerived_Inh	2.46E-04	3.09E-03	3.81E-05	2.94E-04	5.15E-07	2.46E-04	1.08E-02	2.46E-04	1.39E-05	0.00E+00	5.01E-07	2.81E-03	0.00E+00	0.00E+00	1.08E-02
998	CARTGRID	1	374000	3764100	NonCancerChronicDerived_Inh	2.51E-04	3.16E-03	3.89E-05	3.00E-04	5.30E-07	2.52E-04	1.10E-02	2.51E-04	1.39E-05	0.00E+00	5.17E-07	2.85E-03	0.00E+00	0.00E+00	1.10E-02
999	CARTGRID	1	374100	3764100	NonCancerChronicDerived_Inh	2.64E-04	3.32E-03	4.09E-05	3.16E-04	5.82E-07	2.65E-04	1.16E-02	2.64E-04	1.53E-05	0.00E+00	5.68E-07	3.08E-03	0.00E+00	0.00E+00	1.16E-02
1000	CARTGRID	1	374200	3764100	NonCancerChronicDerived_Inh	2.14E-04	2.69E-03	3.31E-05	2.55E-04	4.92E-07	2.14E-04	9.37E-03	2.14E-04	1.21E-05	0.00E+00	4.80E-07	2.49E-03	0.00E+00	0.00E+00	9.37E-03
1001	CARTGRID	1	374300	3764100	NonCancerChronicDerived_Inh	2.07E-04	2.61E-03	3.22E-05	2.48E-04	5.01E-07	2.08E-04	9.11E-03	2.07E-04	1.25E-05	0.00E+00	4.90E-07	2.51E-03	0.00E+00	0.00E+00	9.11E-03
1002	CARTGRID	1	374400	3764100	NonCancerChronicDerived_Inh	2.17E-04	2.73E-03	3.37E-05	2.60E-04	5.44E-07	2.18E-04	9.54E-03	2.17E-04	1.42E-05	0.00E+00	5.32E-07	2.78E-03	0.00E+00	0.00E+00	9.54E-03
1003	CARTGRID	1	374500	3764100	NonCancerChronicDerived_Inh	2.19E-04	2.75E-03	3.39E-05	2.62E-04	5.59E-07	2.19E-04	9.61E-03	2.19E-04	1.52E-05	0.00E+00	5.47E-07	2.93E-03	0.00E+00	0.00E+00	9.61E-03
1004	CARTGRID	1	374600	3764100	NonCancerChronicDerived_Inh	2.02E-04	2.54E-03	3.13E-05	2.42E-04	5.12E-07	2.03E-04	8.87E-03	2.02E-04	1.43E-05	0.00E+00	5.01E-07	2.76E-03	0.00E+00	0.00E+00	8.87E-03
1005	CARTGRID	1	374700	3764100	NonCancerChronicDerived_Inh	1.79E-04	2.25E-03	2.77E-05	2.14E-04	4.54E-07	1.80E-04	7.86E-03	1.79E-04	1.29E-05	0.00E+00	4.44E-07	2.48E-03	0.00E+00	0.00E+00	7.86E-03
1006	CARTGRID	1	374800	3764100	NonCancerChronicDerived_Inh	1.67E-04	2.11E-03	2.59E-05	2.00E-04	4.30E-07	1.68E-04	7.35E-03	1.67E-04	1.20E-05	0.00E+00	4.21E-07	2.30E-03	0.00E+00	0.00E+00	7.35E-03
1007	CARTGRID	1	374900	3764100	NonCancerChronicDerived_Inh	1.55E-04	1.95E-03	2.40E-05	1.85E-04	3.96E-07	1.55E-04	6.80E-03	1.55E-04	1.11E-05	0.00E+00	3.87E-07	2.14E-03	0.00E+00	0.00E+00	6.80E-03
1008	CARTGRID	1	375000	3764100	NonCancerChronicDerived_Inh	1.47E-04	1.85E-03	2.28E-05	1.76E-04	3.75E-07	1.47E-04	6.45E-03	1.47E-04	1.07E-05	0.00E+00	3.67E-07	2.06E-03	0.00E+00	0.00E+00	6.45E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1009	CARTGRID	1	371500	3764200	NonCancerChronicDerived_Inh	1.83E-05	2.31E-04	2.84E-06	2.20E-05	1.84E-07	1.85E-05	8.23E-04	1.83E-05	5.59E-06	0.00E+00	1.83E-07	7.46E-04	0.00E+00	0.00E+00	8.23E-04
1010	CARTGRID	1	371600	3764200	NonCancerChronicDerived_Inh	2.06E-05	2.61E-04	3.20E-06	2.48E-05	2.14E-07	2.08E-05	9.28E-04	2.06E-05	6.53E-06	0.00E+00	2.13E-07	8.66E-04	0.00E+00	0.00E+00	9.28E-04
1011	CARTGRID	1	371700	3764200	NonCancerChronicDerived_Inh	2.35E-05	2.98E-04	3.65E-06	2.83E-05	2.55E-07	2.38E-05	1.06E-03	2.35E-05	7.80E-06	0.00E+00	2.54E-07	1.03E-03	0.00E+00	0.00E+00	1.06E-03
1012	CARTGRID	1	371800	3764200	NonCancerChronicDerived_Inh	2.73E-05	3.46E-04	4.24E-06	3.30E-05	3.18E-07	2.77E-05	1.23E-03	2.73E-05	9.77E-06	0.00E+00	3.17E-07	1.27E-03	0.00E+00	0.00E+00	1.27E-03
1013	CARTGRID	1	371900	3764200	NonCancerChronicDerived_Inh	3.26E-05	4.13E-04	5.06E-06	3.93E-05	4.21E-07	3.30E-05	1.48E-03	3.26E-05	1.30E-05	0.00E+00	4.19E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03
1014	CARTGRID	1	372000	3764200	NonCancerChronicDerived_Inh	4.03E-05	5.13E-04	6.26E-06	4.89E-05	7.01E-07	4.10E-05	1.85E-03	4.03E-05	2.15E-05	0.00E+00	6.98E-07	2.67E-03	0.00E+00	0.00E+00	2.67E-03
1015	CARTGRID	1	372100	3764200	NonCancerChronicDerived_Inh	5.28E-05	6.69E-04	8.20E-06	6.38E-05	6.77E-07	5.35E-05	2.39E-03	5.28E-05	2.10E-05	0.00E+00	6.74E-07	2.70E-03	0.00E+00	0.00E+00	2.70E-03
1016	CARTGRID	1	372200	3764200	NonCancerChronicDerived_Inh	7.62E-05	9.72E-04	1.18E-05	9.28E-05	1.82E-06	7.80E-05	3.56E-03	7.62E-05	5.60E-05	0.00E+00	1.82E-06	6.73E-03	0.00E+00	0.00E+00	6.73E-03
1017	CARTGRID	1	372300	3764200	NonCancerChronicDerived_Inh	1.25E-04	1.58E-03	1.94E-05	1.51E-04	1.78E-06	1.27E-04	5.67E-03	1.25E-04	5.51E-05	0.00E+00	1.77E-06	6.95E-03	0.00E+00	0.00E+00	6.95E-03
1018	CARTGRID	1	372400	3764200	NonCancerChronicDerived_Inh	2.32E-04	2.92E-03	3.59E-05	2.79E-04	2.14E-06	2.34E-04	1.04E-02	2.32E-04	6.77E-05	0.00E+00	2.13E-06	9.08E-03	0.00E+00	0.00E+00	1.04E-02
1019	CARTGRID	1	372500	3764200	NonCancerChronicDerived_Inh	4.06E-04	5.11E-03	6.29E-05	4.86E-04	1.89E-06	4.08E-04	1.79E-02	4.06E-04	6.34E-05	0.00E+00	1.87E-06	9.90E-03	0.00E+00	0.00E+00	1.79E-02
1020	CARTGRID	1	372600	3764200	NonCancerChronicDerived_Inh	1.38E-03	1.73E-02	2.13E-04	1.64E-03	1.80E-06	1.38E-03	6.00E-02	1.38E-03	5.62E-05	0.00E+00	1.72E-06	1.34E-02	0.00E+00	0.00E+00	6.00E-02
1021	CARTGRID	1	372700	3764200	NonCancerChronicDerived_Inh	1.63E-03	2.05E-02	2.52E-04	1.95E-03	1.82E-06	1.63E-03	7.09E-02	1.63E-03	5.43E-05	0.00E+00	1.73E-06	1.42E-02	0.00E+00	0.00E+00	7.09E-02
1022	CARTGRID	1	372800	3764200	NonCancerChronicDerived_Inh	6.61E-04	8.31E-03	1.02E-04	7.91E-04	2.13E-06	6.63E-04	2.89E-02	6.61E-04	6.43E-05	0.00E+00	2.09E-06	1.05E-02	0.00E+00	0.00E+00	2.89E-02
1023	CARTGRID	1	372900	3764200	NonCancerChronicDerived_Inh	4.43E-04	5.57E-03	6.86E-05	5.30E-04	1.76E-06	4.44E-04	1.95E-02	4.43E-04	5.33E-05	0.00E+00	1.74E-06	8.16E-03	0.00E+00	0.00E+00	1.95E-02
1024	CARTGRID	1	373000	3764200	NonCancerChronicDerived_Inh	3.44E-04	4.33E-03	5.33E-05	4.12E-04	1.16E-06	3.45E-04	1.51E-02	3.44E-04	3.50E-05	0.00E+00	1.14E-06	5.64E-03	0.00E+00	0.00E+00	1.51E-02
1025	CARTGRID	1	373100	3764200	NonCancerChronicDerived_Inh	2.87E-04	3.62E-03	4.45E-05	3.44E-04	1.35E-06	2.88E-04	1.27E-02	2.87E-04	4.08E-05	0.00E+00	1.34E-06	5.99E-03	0.00E+00	0.00E+00	1.27E-02
1026	CARTGRID	1	373200	3764200	NonCancerChronicDerived_Inh	2.48E-04	3.13E-03	3.85E-05	2.98E-04	9.74E-07	2.49E-04	1.09E-02	2.48E-04	2.94E-05	0.00E+00	9.60E-07	4.53E-03	0.00E+00	0.00E+00	1.09E-02
1027	CARTGRID	1	373300	3764200	NonCancerChronicDerived_Inh	2.29E-04	2.89E-03	3.55E-05	2.74E-04	7.76E-07	2.30E-04	1.01E-02	2.29E-04	2.34E-05	0.00E+00	7.64E-07	3.78E-03	0.00E+00	0.00E+00	1.01E-02
1028	CARTGRID	1	373400	3764200	NonCancerChronicDerived_Inh	2.08E-04	2.62E-03	3.23E-05	2.49E-04	6.77E-07	2.09E-04	9.15E-03	2.08E-04	2.04E-05	0.00E+00	6.66E-07	3.34E-03	0.00E+00	0.00E+00	9.15E-03
1029	CARTGRID	1	373500	3764200	NonCancerChronicDerived_Inh	2.08E-04	2.62E-03	3.23E-05	2.49E-04	6.75E-07	2.09E-04	9.16E-03	2.08E-04	2.03E-05	0.00E+00	6.63E-07	3.34E-03	0.00E+00	0.00E+00	9.16E-03
1030	CARTGRID	1	373600	3764200	NonCancerChronicDerived_Inh	2.18E-04	2.75E-03	3.39E-05	2.62E-04	6.76E-07	2.19E-04	9.60E-03	2.18E-04	2.03E-05	0.00E+00	6.64E-07	3.39E-03	0.00E+00	0.00E+00	9.60E-03
1031	CARTGRID	1	373700	3764200	NonCancerChronicDerived_Inh	2.15E-04	2.71E-03	3.34E-05	2.58E-04	5.34E-07	2.16E-04	9.45E-03	2.15E-04	1.57E-05	0.00E+00	5.22E-07	2.85E-03	0.00E+00	0.00E+00	9.45E-03
1032	CARTGRID	1	373800	3764200	NonCancerChronicDerived_Inh	1.71E-04	2.16E-03	2.66E-05	2.05E-04	4.05E-07	1.72E-04	7.51E-03	1.71E-04	1.14E-05	0.00E+00	3.95E-07	2.14E-03	0.00E+00	0.00E+00	7.51E-03
1033	CARTGRID	1	373900	3764200	NonCancerChronicDerived_Inh	2.04E-04	2.57E-03	3.16E-05	2.44E-04	4.57E-07	2.04E-04	8.93E-03	2.04E-04	1.28E-05	0.00E+00	4.46E-07	2.47E-03	0.00E+00	0.00E+00	8.93E-03
1034	CARTGRID	1	374000	3764200	NonCancerChronicDerived_Inh	2.38E-04	3.00E-03	3.70E-05	2.85E-04	5.41E-07	2.39E-04	1.05E-02	2.38E-04	1.52E-05	0.00E+00	5.28E-07	2.92E-03	0.00E+00	0.00E+00	1.05E-02
1035	CARTGRID	1	374100	3764200	NonCancerChronicDerived_Inh	2.66E-04	3.35E-03	4.13E-05	3.19E-04	6.30E-07	2.67E-04	1.17E-02	2.66E-04	1.78E-05	0.00E+00	6.16E-07	3.40E-03	0.00E+00	0.00E+00	1.17E-02
1036	CARTGRID	1	374200	3764200	NonCancerChronicDerived_Inh	2.02E-04	2.55E-03	3.14E-05	2.42E-04	4.48E-07	2.03E-04	8.87E-03	2.02E-04	1.15E-05	0.00E+00	4.37E-07	2.34E-03	0.00E+00	0.00E+00	8.87E-03
1037	CARTGRID	1	374300	3764200	NonCancerChronicDerived_Inh	1.96E-04	2.47E-03	3.04E-05	2.34E-04	4.47E-07	1.96E-04	8.60E-03	1.96E-04	1.13E-05	0.00E+00	4.36E-07	2.29E-03	0.00E+00	0.00E+00	8.60E-03
1038	CARTGRID	1	374400	3764200	NonCancerChronicDerived_Inh	1.92E-04	2.42E-03	2.98E-05	2.30E-04	4.53E-07	1.93E-04	8.44E-03	1.92E-04	1.15E-05	0.00E+00	4.43E-07	2.31E-03	0.00E+00	0.00E+00	8.44E-03
1039	CARTGRID	1	374500	3764200	NonCancerChronicDerived_Inh	2.19E-04	2.75E-03	3.39E-05	2.62E-04	5.37E-07	2.19E-04	9.60E-03	2.19E-04	1.47E-05	0.00E+00	5.25E-07	2.86E-03	0.00E+00	0.00E+00	9.60E-03
1040	CARTGRID	1	374600	3764200	NonCancerChronicDerived_Inh	1.95E-04	2.46E-03	3.03E-05	2.34E-04	4.82E-07	1.96E-04	8.58E-03	1.95E-04	1.34E-05	0.00E+00	4.71E-07	2.61E-03	0.00E+00	0.00E+00	8.58E-03
1041	CARTGRID	1	374700	3764200	NonCancerChronicDerived_Inh	1.73E-04	2.17E-03	2.68E-05	2.07E-04	4.31E-07	1.73E-04	7.58E-03	1.73E-04	1.21E-05	0.00E+00	4.22E-07	2.33E-03	0.00E+00	0.00E+00	7.58E-03
1042	CARTGRID	1	374800	3764200	NonCancerChronicDerived_Inh	1.67E-04	2.10E-03	2.59E-05	2.00E-04	4.19E-07	1.68E-04	7.34E-03	1.67E-04	1.18E-05	0.00E+00	4.10E-07	2.28E-03	0.00E+00	0.00E+00	7.34E-03
1043	CARTGRID	1	374900	3764200	NonCancerChronicDerived_Inh	1.60E-04	2.02E-03	2.49E-05	1.92E-04	4.09E-07	1.61E-04	7.05E-03	1.60E-04	1.13E-05	0.00E+00	4.00E-07	2.19E-03	0.00E+00	0.00E+00	7.05E-03
1044	CARTGRID	1	375000	3764200	NonCancerChronicDerived_Inh	1.47E-04	1.85E-03	2.27E-05	1.75E-04	3.70E-07	1.47E-04	6.44E-03	1.47E-04	1.05E-05	0.00E+00	3.63E-07	2.03E-03	0.00E+00	0.00E+00	6.44E-03
1045	CARTGRID	1	371500	3764300	NonCancerChronicDerived_Inh	1.70E-05	2.14E-04	2.63E-06	2.04E-05	1.69E-07	1.71E-05	7.63E-04	1.70E-05	5.11E-06	0.00E+00	1.68E-07	6.84E-04	0.00E+00	0.00E+00	7.63E-04
1046	CARTGRID	1	371600	3764300	NonCancerChronicDerived_Inh	1.90E-05	2.40E-04	2.94E-06	2.29E-05	1.97E-07	1.92E-05	8.54E-04	1.90E-05	5.99E-06	0.00E+00	1.96E-07	7.95E-04	0.00E+00	0.00E+00	8.54E-04
1047	CARTGRID	1	371700	3764300	NonCancerChronicDerived_Inh	2.14E-05	2.71E-04	3.32E-06	2.58E-05	2.35E-07	2.17E-05	9.65E-04	2.14E-05	7.18E-06	0.00E+00	2.34E-07	9.43E-04	0.00E+00	0.00E+00	9.65E-04
1048	CARTGRID	1	371800	3764300	NonCancerChronicDerived_Inh	2.47E-05	3.13E-04	3.83E-06	2.98E-05	3.10E-07	2.50E-05	1.12E-03	2.47E-05	9.49E-06	0.00E+00	3.09E-07	1.22E-03	0.00E+00	0.00E+00	1.22E-03
1049	CARTGRID	1	371900	3764300	NonCancerChronicDerived_Inh	2.92E-05	3.71E-04	4.53E-06	3.53E-05	4.77E-07	2.97E-05	1.33E-03	2.92E-05	1.46E-05	0.00E+00	4.75E-07	1.82E-03	0.00E+00	0.00E+00	1.82E-03
1050	CARTGRID	1	372000	3764300	NonCancerChronicDerived_Inh	3.59E-05	4.61E-04	5.57E-06	4.40E-05	1.10E-06	3.70E-05	1.71E-03	3.59E-05	3.35E-05	0.00E+00	1.10E-06	3.96E-03	0.00E+00	0.00E+00	3.96E-03
1051	CARTGRID	1	372100	3764300	NonCancerChronicDerived_Inh	4.83E-05	6.15E-04	7.49E-06	5.87E-05	1.05E-06	4.93E-05	2.24E-03	4.83E-05	3.24E-05	0.00E+00	1.05E-06	3.92E-03	0.00E+00	0.00E+00	3.92E-03
1052	CARTGRID	1	372200	3764300	NonCancerChronicDerived_Inh	7.12E-05	9.04E-04	1.11E-05	8.62E-05	1.15E-06	7.24E-05	3.25E-03	7.12E-05	3.55E-05	0.00E+00	1.14E-06	4.43E-03	0.00E+00	0.00E+00	4.43E-03
1053	CARTGRID	1	372300	3764300	NonCancerChronicDerived_Inh	1.28E-04	1.62E-03	1.99E-05	1.54E-04	1.26E-06	1.29E-04	5.74E-03	1.28E-04	3.95E-05	0.00E+00	1.25E-06	5.24E-03	0.00E+00	0.00E+00	5.74E-03
1054	CARTGRID	1	372400	3764300	NonCancerChronicDerived_Inh	4.85E-04	6.09E-03	7.53E-05	5.80E-04	1.27E-06	4.86E-04	2.13E-02	4.85E-04	3.88E-05	0.00E+00	1.24E-06	6.85E-03	0.00E+00	0.00E+00	2.13E-02
1055	CARTGRID	1	372500	3764300	NonCancerChronicDerived_Inh	2.94E-03	3.68E-02	4.56E-04	3.50E-03	1.28E-06	2.94E-03	1.28E-01	2.93E-03	3.55E-05	0.00E+00	1.12E-06	1.84E-02	0.00E+00	0.00E+00	1.28E-01
1056	CARTGRID	1	372600	3764300	NonCancerChronicDerived_Inh	2.28E-03	2.86E-02	3.54E-04	2.73E-03	1.70E-06	2.28E-03	9.96E-02	2.28E-03	5.11E-05	0.00E+00	1.58E-06	1.72E-02	0.00E+00	0.00E+00	9.96E-02

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1057	CARTGRID	1	372700	3764300	NonCancerChronicDerived_Inh	1.39E-03	1.74E-02	2.15E-04	1.66E-03	1.29E-06	1.39E-03	6.05E-02	1.39E-03	3.91E-05	0.00E+00	1.22E-06	1.14E-02	0.00E+00	0.00E+00	6.05E-02
1058	CARTGRID	1	372800	3764300	NonCancerChronicDerived_Inh	6.80E-04	8.54E-03	1.05E-04	8.13E-04	1.34E-06	6.81E-04	2.97E-02	6.80E-04	4.12E-05	0.00E+00	1.31E-06	8.10E-03	0.00E+00	0.00E+00	2.97E-02
1059	CARTGRID	1	372900	3764300	NonCancerChronicDerived_Inh	4.39E-04	5.52E-03	6.79E-05	5.26E-04	1.47E-06	4.41E-04	1.93E-02	4.39E-04	4.45E-05	0.00E+00	1.44E-06	7.20E-03	0.00E+00	0.00E+00	1.93E-02
1060	CARTGRID	1	373000	3764300	NonCancerChronicDerived_Inh	3.37E-04	4.24E-03	5.22E-05	4.03E-04	9.39E-07	3.38E-04	1.48E-02	3.37E-04	2.85E-05	0.00E+00	9.20E-07	4.90E-03	0.00E+00	0.00E+00	1.48E-02
1061	CARTGRID	1	373100	3764300	NonCancerChronicDerived_Inh	2.73E-04	3.43E-03	4.22E-05	3.26E-04	7.25E-07	2.73E-04	1.19E-02	2.73E-04	2.20E-05	0.00E+00	7.10E-07	3.84E-03	0.00E+00	0.00E+00	1.19E-02
1062	CARTGRID	1	373200	3764300	NonCancerChronicDerived_Inh	2.35E-04	2.96E-03	3.65E-05	2.82E-04	6.74E-07	2.36E-04	1.03E-02	2.35E-04	2.04E-05	0.00E+00	6.61E-07	3.47E-03	0.00E+00	0.00E+00	1.03E-02
1063	CARTGRID	1	373300	3764300	NonCancerChronicDerived_Inh	2.07E-04	2.61E-03	3.22E-05	2.48E-04	6.08E-07	2.08E-04	9.11E-03	2.07E-04	1.84E-05	0.00E+00	5.97E-07	3.11E-03	0.00E+00	0.00E+00	9.11E-03
1064	CARTGRID	1	373400	3764300	NonCancerChronicDerived_Inh	1.97E-04	2.48E-03	3.06E-05	2.36E-04	6.02E-07	1.98E-04	8.67E-03	1.97E-04	1.82E-05	0.00E+00	5.92E-07	3.04E-03	0.00E+00	0.00E+00	8.67E-03
1065	CARTGRID	1	373500	3764300	NonCancerChronicDerived_Inh	1.90E-04	2.40E-03	2.96E-05	2.28E-04	5.85E-07	1.91E-04	8.37E-03	1.90E-04	1.76E-05	0.00E+00	5.74E-07	2.95E-03	0.00E+00	0.00E+00	8.37E-03
1066	CARTGRID	1	373600	3764300	NonCancerChronicDerived_Inh	2.03E-04	2.55E-03	3.14E-05	2.43E-04	5.26E-07	2.03E-04	8.89E-03	2.03E-04	1.57E-05	0.00E+00	5.15E-07	2.79E-03	0.00E+00	0.00E+00	8.89E-03
1067	CARTGRID	1	373700	3764300	NonCancerChronicDerived_Inh	1.85E-04	2.33E-03	2.87E-05	2.21E-04	4.38E-07	1.85E-04	8.12E-03	1.85E-04	1.29E-05	0.00E+00	4.27E-07	2.37E-03	0.00E+00	0.00E+00	8.12E-03
1068	CARTGRID	1	373800	3764300	NonCancerChronicDerived_Inh	1.47E-04	1.85E-03	2.28E-05	1.76E-04	3.52E-07	1.47E-04	6.45E-03	1.47E-04	1.00E-05	0.00E+00	3.44E-07	1.86E-03	0.00E+00	0.00E+00	6.45E-03
1069	CARTGRID	1	373900	3764300	NonCancerChronicDerived_Inh	1.65E-04	2.08E-03	2.57E-05	1.98E-04	3.85E-07	1.66E-04	7.26E-03	1.65E-04	1.09E-05	0.00E+00	3.76E-07	2.06E-03	0.00E+00	0.00E+00	7.26E-03
1070	CARTGRID	1	374000	3764300	NonCancerChronicDerived_Inh	1.97E-04	2.48E-03	3.06E-05	2.36E-04	4.73E-07	1.98E-04	8.66E-03	1.97E-04	1.35E-05	0.00E+00	4.62E-07	2.53E-03	0.00E+00	0.00E+00	8.66E-03
1071	CARTGRID	1	374100	3764300	NonCancerChronicDerived_Inh	2.18E-04	2.74E-03	3.38E-05	2.60E-04	5.50E-07	2.18E-04	9.55E-03	2.18E-04	1.59E-05	0.00E+00	5.38E-07	2.93E-03	0.00E+00	0.00E+00	9.55E-03
1072	CARTGRID	1	374200	3764300	NonCancerChronicDerived_Inh	2.08E-04	2.62E-03	3.22E-05	2.49E-04	4.83E-07	2.08E-04	9.12E-03	2.08E-04	1.33E-05	0.00E+00	4.72E-07	2.58E-03	0.00E+00	0.00E+00	9.12E-03
1073	CARTGRID	1	374300	3764300	NonCancerChronicDerived_Inh	1.99E-04	2.51E-03	3.09E-05	2.39E-04	4.56E-07	2.00E-04	8.75E-03	1.99E-04	1.22E-05	0.00E+00	4.45E-07	2.41E-03	0.00E+00	0.00E+00	8.75E-03
1074	CARTGRID	1	374400	3764300	NonCancerChronicDerived_Inh	1.79E-04	2.25E-03	2.77E-05	2.14E-04	4.09E-07	1.79E-04	7.84E-03	1.79E-04	1.05E-05	0.00E+00	3.99E-07	2.12E-03	0.00E+00	0.00E+00	7.84E-03
1075	CARTGRID	1	374500	3764300	NonCancerChronicDerived_Inh	1.96E-04	2.47E-03	3.04E-05	2.35E-04	4.64E-07	1.97E-04	8.62E-03	1.96E-04	1.24E-05	0.00E+00	4.53E-07	2.44E-03	0.00E+00	0.00E+00	8.62E-03
1076	CARTGRID	1	374600	3764300	NonCancerChronicDerived_Inh	1.94E-04	2.44E-03	3.01E-05	2.32E-04	4.71E-07	1.95E-04	8.52E-03	1.94E-04	1.28E-05	0.00E+00	4.60E-07	2.49E-03	0.00E+00	0.00E+00	8.52E-03
1077	CARTGRID	1	374700	3764300	NonCancerChronicDerived_Inh	1.84E-04	2.32E-03	2.85E-05	2.20E-04	4.54E-07	1.84E-04	8.08E-03	1.84E-04	1.24E-05	0.00E+00	4.44E-07	2.41E-03	0.00E+00	0.00E+00	8.08E-03
1078	CARTGRID	1	374800	3764300	NonCancerChronicDerived_Inh	1.53E-04	1.92E-03	2.37E-05	1.83E-04	3.77E-07	1.53E-04	6.71E-03	1.53E-04	1.04E-05	0.00E+00	3.69E-07	2.03E-03	0.00E+00	0.00E+00	6.71E-03
1079	CARTGRID	1	374900	3764300	NonCancerChronicDerived_Inh	1.49E-04	1.88E-03	2.31E-05	1.79E-04	3.72E-07	1.50E-04	6.55E-03	1.49E-04	1.04E-05	0.00E+00	3.64E-07	2.01E-03	0.00E+00	0.00E+00	6.55E-03
1080	CARTGRID	1	375000	3764300	NonCancerChronicDerived_Inh	1.34E-04	1.69E-03	2.08E-05	1.61E-04	3.38E-07	1.35E-04	5.90E-03	1.34E-04	9.42E-06	0.00E+00	3.30E-07	1.83E-03	0.00E+00	0.00E+00	5.90E-03
1081	CARTGRID	1	371500	3764400	NonCancerChronicDerived_Inh	1.55E-05	1.96E-04	2.40E-06	1.87E-05	1.52E-07	1.57E-05	6.97E-04	1.55E-05	4.58E-06	0.00E+00	1.51E-07	6.15E-04	0.00E+00	0.00E+00	6.97E-04
1082	CARTGRID	1	371600	3764400	NonCancerChronicDerived_Inh	1.72E-05	2.17E-04	2.67E-06	2.07E-05	1.75E-07	1.74E-05	7.74E-04	1.72E-05	5.33E-06	0.00E+00	1.75E-07	7.09E-04	0.00E+00	0.00E+00	7.74E-04
1083	CARTGRID	1	371700	3764400	NonCancerChronicDerived_Inh	1.92E-05	2.43E-04	2.98E-06	2.32E-05	2.09E-07	1.94E-05	8.66E-04	1.92E-05	6.37E-06	0.00E+00	2.08E-07	8.39E-04	0.00E+00	0.00E+00	8.66E-04
1084	CARTGRID	1	371800	3764400	NonCancerChronicDerived_Inh	2.19E-05	2.77E-04	3.39E-06	2.64E-05	2.56E-07	2.21E-05	9.87E-04	2.19E-05	7.83E-06	0.00E+00	2.55E-07	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1085	CARTGRID	1	371900	3764400	NonCancerChronicDerived_Inh	2.55E-05	3.23E-04	3.95E-06	3.07E-05	3.32E-07	2.58E-05	1.15E-03	2.55E-05	1.02E-05	0.00E+00	3.30E-07	1.30E-03	0.00E+00	0.00E+00	1.30E-03
1086	CARTGRID	1	372000	3764400	NonCancerChronicDerived_Inh	3.07E-05	3.90E-04	4.77E-06	3.72E-05	5.33E-07	3.13E-05	1.41E-03	3.07E-05	1.63E-05	0.00E+00	5.32E-07	2.02E-03	0.00E+00	0.00E+00	2.02E-03
1087	CARTGRID	1	372100	3764400	NonCancerChronicDerived_Inh	4.03E-05	5.12E-04	6.26E-06	4.88E-05	6.30E-07	4.10E-05	1.84E-03	4.03E-05	1.94E-05	0.00E+00	6.28E-07	2.43E-03	0.00E+00	0.00E+00	2.43E-03
1088	CARTGRID	1	372200	3764400	NonCancerChronicDerived_Inh	5.93E-05	7.65E-04	9.20E-06	7.32E-05	2.41E-06	6.17E-05	2.89E-03	5.93E-05	7.34E-05	0.00E+00	2.40E-06	8.51E-03	0.00E+00	0.00E+00	8.51E-03
1089	CARTGRID	1	372300	3764400	NonCancerChronicDerived_Inh	9.69E-05	1.22E-03	1.50E-05	1.17E-04	1.08E-06	9.80E-05	4.36E-03	9.69E-05	3.41E-05	0.00E+00	1.08E-06	4.45E-03	0.00E+00	0.00E+00	4.45E-03
1090	CARTGRID	1	372400	3764400	NonCancerChronicDerived_Inh	2.26E-04	2.84E-03	3.50E-05	2.70E-04	6.83E-07	2.26E-04	9.92E-03	2.26E-04	2.57E-05	0.00E+00	6.71E-07	4.68E-03	0.00E+00	0.00E+00	9.92E-03
1091	CARTGRID	1	372500	3764400	NonCancerChronicDerived_Inh	1.02E-03	1.28E-02	1.59E-04	1.22E-03	1.04E-06	1.03E-03	4.48E-02	1.02E-03	3.22E-05	0.00E+00	9.86E-07	8.87E-03	0.00E+00	0.00E+00	4.48E-02
1092	CARTGRID	1	372600	3764400	NonCancerChronicDerived_Inh	9.60E-04	1.20E-02	1.49E-04	1.15E-03	1.08E-06	9.61E-04	4.19E-02	9.60E-04	3.26E-05	0.00E+00	1.03E-06	8.49E-03	0.00E+00	0.00E+00	4.19E-02
1093	CARTGRID	1	372700	3764400	NonCancerChronicDerived_Inh	6.07E-04	7.62E-03	9.43E-05	7.26E-04	1.13E-06	6.08E-04	2.66E-02	6.07E-04	3.49E-05	0.00E+00	1.10E-06	7.06E-03	0.00E+00	0.00E+00	2.66E-02
1094	CARTGRID	1	372800	3764400	NonCancerChronicDerived_Inh	4.85E-04	6.09E-03	7.53E-05	5.80E-04	8.96E-07	4.86E-04	2.12E-02	4.85E-04	2.76E-05	0.00E+00	8.69E-07	5.61E-03	0.00E+00	0.00E+00	2.12E-02
1095	CARTGRID	1	372900	3764400	NonCancerChronicDerived_Inh	3.91E-04	4.92E-03	6.06E-05	4.68E-04	1.01E-06	3.92E-04	1.71E-02	3.91E-04	3.09E-05	0.00E+00	9.89E-07	5.47E-03	0.00E+00	0.00E+00	1.71E-02
1096	CARTGRID	1	373000	3764400	NonCancerChronicDerived_Inh	3.16E-04	3.98E-03	4.90E-05	3.79E-04	1.16E-06	3.17E-04	1.39E-02	3.16E-04	3.53E-05	0.00E+00	1.14E-06	5.55E-03	0.00E+00	0.00E+00	1.39E-02
1097	CARTGRID	1	373100	3764400	NonCancerChronicDerived_Inh	2.61E-04	3.29E-03	4.05E-05	3.13E-04	6.18E-07	2.62E-04	1.14E-02	2.61E-04	1.88E-05	0.00E+00	6.04E-07	3.44E-03	0.00E+00	0.00E+00	1.14E-02
1098	CARTGRID	1	373200	3764400	NonCancerChronicDerived_Inh	2.27E-04	2.85E-03	3.51E-05	2.71E-04	5.57E-07	2.27E-04	9.93E-03	2.27E-04	1.69E-05	0.00E+00	5.45E-07	3.05E-03	0.00E+00	0.00E+00	9.93E-03
1099	CARTGRID	1	373300	3764400	NonCancerChronicDerived_Inh	2.05E-04	2.58E-03	3.18E-05	2.45E-04	5.45E-07	2.06E-04	8.99E-03	2.05E-04	1.65E-05	0.00E+00	5.34E-07	2.90E-03	0.00E+00	0.00E+00	8.99E-03
1100	CARTGRID	1	373400	3764400	NonCancerChronicDerived_Inh	1.90E-04	2.39E-03	2.94E-05	2.27E-04	5.31E-07	1.90E-04	8.32E-03	1.90E-04	1.61E-05	0.00E+00	5.21E-07	2.77E-03	0.00E+00	0.00E+00	8.32E-03
1101	CARTGRID	1	373500	3764400	NonCancerChronicDerived_Inh	1.90E-04	2.40E-03	2.95E-05	2.28E-04	5.22E-07	1.91E-04	8.36E-03	1.90E-04	1.57E-05	0.00E+00	5.12E-07	2.74E-03	0.00E+00	0.00E+00	8.36E-03
1102	CARTGRID	1	373600	3764400	NonCancerChronicDerived_Inh	1.88E-04	2.36E-03	2.91E-05	2.25E-04	4.54E-07	1.88E-04	8.23E-03	1.88E-04	1.36E-05	0.00E+00	4.44E-07	2.47E-03	0.00E+00	0.00E+00	8.23E-03
1103	CARTGRID	1	373700	3764400	NonCancerChronicDerived_Inh	1.47E-04	1.85E-03	2.28E-05	1.75E-04	3.30E-07	1.47E-04	6.43E-03	1.47E-04	9.58E-06	0.00E+00	3.22E-07	1.81E-03	0.00E+00	0.00E+00	6.43E-03
1104	CARTGRID	1	373800	3764400	NonCancerChronicDerived_Inh	1.36E-04	1.71E-03	2.11E-05	1.62E-04	3.16E-07	1.36E-04	5.95E-03	1.36E-04	9.05E-06	0.00E+00	3.08E-07	1.70E-03	0.00E+00	0.00E+00	5.95E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1105	CARTGRID	1	373900	3764400	NonCancerChronicDerived_Inh	1.54E-04	1.94E-03	2.39E-05	1.84E-04	3.57E-07	1.54E-04	6.75E-03	1.54E-04	1.03E-05	0.00E+00	3.49E-07	1.93E-03	0.00E+00	0.00E+00	6.75E-03
1106	CARTGRID	1	374000	3764400	NonCancerChronicDerived_Inh	1.69E-04	2.13E-03	2.62E-05	2.02E-04	4.11E-07	1.69E-04	7.42E-03	1.69E-04	1.18E-05	0.00E+00	4.02E-07	2.19E-03	0.00E+00	0.00E+00	7.42E-03
1107	CARTGRID	1	374100	3764400	NonCancerChronicDerived_Inh	1.82E-04	2.30E-03	2.83E-05	2.18E-04	4.84E-07	1.83E-04	8.00E-03	1.82E-04	1.41E-05	0.00E+00	4.74E-07	2.54E-03	0.00E+00	0.00E+00	8.00E-03
1108	CARTGRID	1	374200	3764400	NonCancerChronicDerived_Inh	1.84E-04	2.32E-03	2.86E-05	2.20E-04	4.75E-07	1.85E-04	8.09E-03	1.84E-04	1.37E-05	0.00E+00	4.65E-07	2.52E-03	0.00E+00	0.00E+00	8.09E-03
1109	CARTGRID	1	374300	3764400	NonCancerChronicDerived_Inh	1.92E-04	2.41E-03	2.97E-05	2.29E-04	4.71E-07	1.92E-04	8.41E-03	1.92E-04	1.32E-05	0.00E+00	4.60E-07	2.49E-03	0.00E+00	0.00E+00	8.41E-03
1110	CARTGRID	1	374400	3764400	NonCancerChronicDerived_Inh	1.88E-04	2.37E-03	2.92E-05	2.25E-04	4.50E-07	1.89E-04	8.26E-03	1.88E-04	1.24E-05	0.00E+00	4.39E-07	2.38E-03	0.00E+00	0.00E+00	8.26E-03
1111	CARTGRID	1	374500	3764400	NonCancerChronicDerived_Inh	1.85E-04	2.33E-03	2.88E-05	2.22E-04	4.41E-07	1.86E-04	8.14E-03	1.85E-04	1.20E-05	0.00E+00	4.31E-07	2.34E-03	0.00E+00	0.00E+00	8.14E-03
1112	CARTGRID	1	374600	3764400	NonCancerChronicDerived_Inh	1.83E-04	2.30E-03	2.83E-05	2.19E-04	4.45E-07	1.83E-04	8.02E-03	1.83E-04	1.22E-05	0.00E+00	4.35E-07	2.37E-03	0.00E+00	0.00E+00	8.02E-03
1113	CARTGRID	1	374700	3764400	NonCancerChronicDerived_Inh	1.65E-04	2.08E-03	2.56E-05	1.97E-04	4.01E-07	1.65E-04	7.24E-03	1.65E-04	1.11E-05	0.00E+00	3.92E-07	2.16E-03	0.00E+00	0.00E+00	7.24E-03
1114	CARTGRID	1	374800	3764400	NonCancerChronicDerived_Inh	1.48E-04	1.86E-03	2.29E-05	1.77E-04	3.61E-07	1.48E-04	6.50E-03	1.48E-04	9.92E-06	0.00E+00	3.53E-07	1.93E-03	0.00E+00	0.00E+00	6.50E-03
1115	CARTGRID	1	374900	3764400	NonCancerChronicDerived_Inh	1.40E-04	1.76E-03	2.17E-05	1.67E-04	3.43E-07	1.40E-04	6.14E-03	1.40E-04	9.45E-06	0.00E+00	3.36E-07	1.84E-03	0.00E+00	0.00E+00	6.14E-03
1116	CARTGRID	1	375000	3764400	NonCancerChronicDerived_Inh	1.31E-04	1.65E-03	2.03E-05	1.57E-04	3.24E-07	1.31E-04	5.75E-03	1.31E-04	8.93E-06	0.00E+00	3.17E-07	1.74E-03	0.00E+00	0.00E+00	5.75E-03
1117	CARTGRID	1	371500	3764500	NonCancerChronicDerived_Inh	1.41E-05	1.78E-04	2.19E-06	1.70E-05	1.35E-07	1.42E-05	6.33E-04	1.41E-05	4.06E-06	0.00E+00	1.34E-07	5.48E-04	0.00E+00	0.00E+00	6.33E-04
1118	CARTGRID	1	371600	3764500	NonCancerChronicDerived_Inh	1.55E-05	1.96E-04	2.40E-06	1.86E-05	1.53E-07	1.56E-05	6.95E-04	1.55E-05	4.64E-06	0.00E+00	1.52E-07	6.20E-04	0.00E+00	0.00E+00	6.95E-04
1119	CARTGRID	1	371700	3764500	NonCancerChronicDerived_Inh	1.71E-05	2.17E-04	2.66E-06	2.06E-05	1.82E-07	1.73E-05	7.71E-04	1.71E-05	5.54E-06	0.00E+00	1.81E-07	7.31E-04	0.00E+00	0.00E+00	7.71E-04
1120	CARTGRID	1	371800	3764500	NonCancerChronicDerived_Inh	1.93E-05	2.44E-04	2.99E-06	2.33E-05	2.83E-07	1.95E-05	8.76E-04	1.93E-05	8.60E-06	0.00E+00	2.82E-07	1.08E-03	0.00E+00	0.00E+00	1.08E-03
1121	CARTGRID	1	371900	3764500	NonCancerChronicDerived_Inh	2.21E-05	2.79E-04	3.42E-06	2.66E-05	2.77E-07	2.23E-05	9.98E-04	2.21E-05	8.48E-06	0.00E+00	2.76E-07	1.09E-03	0.00E+00	0.00E+00	1.09E-03
1122	CARTGRID	1	372000	3764500	NonCancerChronicDerived_Inh	2.60E-05	3.29E-04	4.03E-06	3.14E-05	3.95E-07	2.64E-05	1.18E-03	2.60E-05	1.21E-05	0.00E+00	3.94E-07	1.51E-03	0.00E+00	0.00E+00	1.51E-03
1123	CARTGRID	1	372100	3764500	NonCancerChronicDerived_Inh	3.27E-05	4.23E-04	5.07E-06	4.05E-05	1.48E-06	3.42E-05	1.61E-03	3.27E-05	4.51E-05	0.00E+00	1.48E-06	5.20E-03	0.00E+00	0.00E+00	5.20E-03
1124	CARTGRID	1	372200	3764500	NonCancerChronicDerived_Inh	4.13E-05	5.25E-04	6.41E-06	5.01E-05	7.96E-07	4.21E-05	1.91E-03	4.13E-05	2.44E-05	0.00E+00	7.94E-07	2.98E-03	0.00E+00	0.00E+00	2.98E-03
1125	CARTGRID	1	372300	3764500	NonCancerChronicDerived_Inh	5.33E-05	6.76E-04	8.27E-06	6.44E-05	7.90E-07	5.41E-05	2.43E-03	5.33E-05	2.43E-05	0.00E+00	7.87E-07	3.04E-03	0.00E+00	0.00E+00	3.04E-03
1126	CARTGRID	1	372400	3764500	NonCancerChronicDerived_Inh	7.21E-05	9.14E-04	1.12E-05	8.71E-05	1.06E-06	7.32E-05	3.28E-03	7.21E-05	3.27E-05	0.00E+00	1.06E-06	4.10E-03	0.00E+00	0.00E+00	4.10E-03
1127	CARTGRID	1	372500	3764500	NonCancerChronicDerived_Inh	1.25E-04	1.57E-03	1.94E-05	1.50E-04	7.42E-07	1.26E-04	5.54E-03	1.25E-04	2.42E-05	0.00E+00	7.36E-07	3.56E-03	0.00E+00	0.00E+00	5.54E-03
1128	CARTGRID	1	372600	3764500	NonCancerChronicDerived_Inh	2.39E-04	3.00E-03	3.71E-05	2.86E-04	7.49E-07	2.40E-04	1.05E-02	2.39E-04	2.37E-05	0.00E+00	7.36E-07	3.99E-03	0.00E+00	0.00E+00	1.05E-02
1129	CARTGRID	1	372700	3764500	NonCancerChronicDerived_Inh	3.11E-04	3.91E-03	4.83E-05	3.72E-04	9.79E-07	3.12E-04	1.37E-02	3.11E-04	3.03E-05	0.00E+00	9.62E-07	5.04E-03	0.00E+00	0.00E+00	1.37E-02
1130	CARTGRID	1	372800	3764500	NonCancerChronicDerived_Inh	3.14E-04	3.94E-03	4.88E-05	3.76E-04	5.89E-07	3.15E-04	1.38E-02	3.14E-04	1.83E-05	0.00E+00	5.72E-07	3.70E-03	0.00E+00	0.00E+00	1.38E-02
1131	CARTGRID	1	372900	3764500	NonCancerChronicDerived_Inh	2.97E-04	3.73E-03	4.61E-05	3.55E-04	5.43E-07	2.97E-04	1.30E-02	2.97E-04	1.68E-05	0.00E+00	5.27E-07	3.43E-03	0.00E+00	0.00E+00	1.30E-02
1132	CARTGRID	1	373000	3764500	NonCancerChronicDerived_Inh	2.76E-04	3.46E-03	4.27E-05	3.29E-04	5.57E-07	2.76E-04	1.21E-02	2.76E-04	1.71E-05	0.00E+00	5.42E-07	3.35E-03	0.00E+00	0.00E+00	1.21E-02
1133	CARTGRID	1	373100	3764500	NonCancerChronicDerived_Inh	2.36E-04	2.97E-03	3.66E-05	2.82E-04	5.10E-07	2.37E-04	1.03E-02	2.36E-04	1.56E-05	0.00E+00	4.97E-07	2.96E-03	0.00E+00	0.00E+00	1.03E-02
1134	CARTGRID	1	373200	3764500	NonCancerChronicDerived_Inh	2.18E-04	2.74E-03	3.38E-05	2.61E-04	5.01E-07	2.19E-04	9.55E-03	2.18E-04	1.53E-05	0.00E+00	4.89E-07	2.83E-03	0.00E+00	0.00E+00	9.55E-03
1135	CARTGRID	1	373300	3764500	NonCancerChronicDerived_Inh	2.01E-04	2.53E-03	3.11E-05	2.40E-04	4.88E-07	2.01E-04	8.80E-03	2.01E-04	1.48E-05	0.00E+00	4.77E-07	2.70E-03	0.00E+00	0.00E+00	8.80E-03
1136	CARTGRID	1	373400	3764500	NonCancerChronicDerived_Inh	1.89E-04	2.38E-03	2.93E-05	2.26E-04	4.76E-07	1.89E-04	8.28E-03	1.89E-04	1.44E-05	0.00E+00	4.65E-07	2.59E-03	0.00E+00	0.00E+00	8.28E-03
1137	CARTGRID	1	373500	3764500	NonCancerChronicDerived_Inh	1.90E-04	2.39E-03	2.95E-05	2.28E-04	4.26E-07	1.91E-04	8.34E-03	1.90E-04	1.28E-05	0.00E+00	4.15E-07	2.41E-03	0.00E+00	0.00E+00	8.34E-03
1138	CARTGRID	1	373600	3764500	NonCancerChronicDerived_Inh	1.38E-04	1.73E-03	2.14E-05	1.65E-04	2.88E-07	1.38E-04	6.03E-03	1.38E-04	8.42E-06	0.00E+00	2.81E-07	1.64E-03	0.00E+00	0.00E+00	6.03E-03
1139	CARTGRID	1	373700	3764500	NonCancerChronicDerived_Inh	1.38E-04	1.74E-03	2.15E-05	1.66E-04	2.95E-07	1.39E-04	6.07E-03	1.38E-04	8.60E-06	0.00E+00	2.88E-07	1.66E-03	0.00E+00	0.00E+00	6.07E-03
1140	CARTGRID	1	373800	3764500	NonCancerChronicDerived_Inh	1.50E-04	1.89E-03	2.33E-05	1.79E-04	3.33E-07	1.50E-04	6.58E-03	1.50E-04	9.75E-06	0.00E+00	3.25E-07	1.85E-03	0.00E+00	0.00E+00	6.58E-03
1141	CARTGRID	1	373900	3764500	NonCancerChronicDerived_Inh	1.48E-04	1.86E-03	2.29E-05	1.77E-04	3.40E-07	1.48E-04	6.48E-03	1.48E-04	9.89E-06	0.00E+00	3.32E-07	1.86E-03	0.00E+00	0.00E+00	6.48E-03
1142	CARTGRID	1	374000	3764500	NonCancerChronicDerived_Inh	1.53E-04	1.92E-03	2.37E-05	1.83E-04	3.71E-07	1.53E-04	6.69E-03	1.53E-04	1.08E-05	0.00E+00	3.63E-07	1.99E-03	0.00E+00	0.00E+00	6.69E-03
1143	CARTGRID	1	374100	3764500	NonCancerChronicDerived_Inh	1.61E-04	2.02E-03	2.49E-05	1.92E-04	4.16E-07	1.61E-04	7.05E-03	1.61E-04	1.21E-05	0.00E+00	4.07E-07	2.19E-03	0.00E+00	0.00E+00	7.05E-03
1144	CARTGRID	1	374200	3764500	NonCancerChronicDerived_Inh	1.53E-04	1.92E-03	2.37E-05	1.83E-04	4.10E-07	1.53E-04	6.70E-03	1.53E-04	1.19E-05	0.00E+00	4.02E-07	2.15E-03	0.00E+00	0.00E+00	6.70E-03
1145	CARTGRID	1	374300	3764500	NonCancerChronicDerived_Inh	1.64E-04	2.06E-03	2.54E-05	1.96E-04	4.26E-07	1.64E-04	7.19E-03	1.64E-04	1.22E-05	0.00E+00	4.18E-07	2.24E-03	0.00E+00	0.00E+00	7.19E-03
1146	CARTGRID	1	374400	3764500	NonCancerChronicDerived_Inh	1.65E-04	2.08E-03	2.56E-05	1.98E-04	4.21E-07	1.66E-04	7.26E-03	1.65E-04	1.19E-05	0.00E+00	4.12E-07	2.22E-03	0.00E+00	0.00E+00	7.26E-03
1147	CARTGRID	1	374500	3764500	NonCancerChronicDerived_Inh	1.60E-04	2.02E-03	2.49E-05	1.92E-04	4.01E-07	1.61E-04	7.04E-03	1.60E-04	1.13E-05	0.00E+00	3.92E-07	2.13E-03	0.00E+00	0.00E+00	7.04E-03
1148	CARTGRID	1	374600	3764500	NonCancerChronicDerived_Inh	1.54E-04	1.94E-03	2.39E-05	1.85E-04	3.81E-07	1.55E-04	6.78E-03	1.54E-04	1.06E-05	0.00E+00	3.72E-07	2.03E-03	0.00E+00	0.00E+00	6.78E-03
1149	CARTGRID	1	374700	3764500	NonCancerChronicDerived_Inh	1.46E-04	1.84E-03	2.27E-05	1.75E-04	3.58E-07	1.47E-04	6.43E-03	1.46E-04	9.91E-06	0.00E+00	3.50E-07	1.91E-03	0.00E+00	0.00E+00	6.43E-03
1150	CARTGRID	1	374800	3764500	NonCancerChronicDerived_Inh	1.38E-04	1.74E-03	2.14E-05	1.65E-04	3.36E-07	1.39E-04	6.07E-03	1.38E-04	9.22E-06	0.00E+00	3.28E-07	1.79E-03	0.00E+00	0.00E+00	6.07E-03
1151	CARTGRID	1	374900	3764500	NonCancerChronicDerived_Inh	1.33E-04	1.68E-03	2.07E-05	1.59E-04	3.25E-07	1.34E-04	5.85E-03	1.33E-04	8.90E-06	0.00E+00	3.17E-07	1.73E-03	0.00E+00	0.00E+00	5.85E-03
1152	CARTGRID	1	375000	3764500	NonCancerChronicDerived_Inh	1.27E-04	1.60E-03	1.97E-05	1.52E-04	3.11E-07	1.27E-04	5.58E-03	1.27E-04	8.51E-06	0.00E+00	3.04E-07	1.66E-03	0.00E+00	0.00E+00	5.58E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1153	CARTGRID	1	371500	3764600	NonCancerChronicDerived_Inh	1.28E-05	1.62E-04	1.99E-06	1.54E-05	1.18E-07	1.29E-05	5.76E-04	1.28E-05	3.56E-06	0.00E+00	1.18E-07	4.82E-04	0.00E+00	0.00E+00	5.76E-04
1154	CARTGRID	1	371600	3764600	NonCancerChronicDerived_Inh	1.39E-05	1.76E-04	2.16E-06	1.68E-05	1.30E-07	1.41E-05	6.26E-04	1.39E-05	3.92E-06	0.00E+00	1.29E-07	5.30E-04	0.00E+00	0.00E+00	6.26E-04
1155	CARTGRID	1	371700	3764600	NonCancerChronicDerived_Inh	1.53E-05	1.94E-04	2.37E-06	1.84E-05	1.48E-07	1.55E-05	6.88E-04	1.53E-05	4.48E-06	0.00E+00	1.47E-07	6.01E-04	0.00E+00	0.00E+00	6.88E-04
1156	CARTGRID	1	371800	3764600	NonCancerChronicDerived_Inh	1.70E-05	2.15E-04	2.63E-06	2.04E-05	1.77E-07	1.71E-05	7.63E-04	1.70E-05	5.38E-06	0.00E+00	1.76E-07	7.11E-04	0.00E+00	0.00E+00	7.63E-04
1157	CARTGRID	1	371900	3764600	NonCancerChronicDerived_Inh	1.90E-05	2.41E-04	2.95E-06	2.30E-05	2.62E-07	1.93E-05	8.62E-04	1.90E-05	7.96E-06	0.00E+00	2.61E-07	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1158	CARTGRID	1	372000	3764600	NonCancerChronicDerived_Inh	2.17E-05	2.75E-04	3.37E-06	2.62E-05	2.55E-07	2.20E-05	9.79E-04	2.17E-05	7.78E-06	0.00E+00	2.54E-07	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1159	CARTGRID	1	372100	3764600	NonCancerChronicDerived_Inh	2.55E-05	3.23E-04	3.95E-06	3.08E-05	3.65E-07	2.58E-05	1.16E-03	2.55E-05	1.11E-05	0.00E+00	3.64E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
1160	CARTGRID	1	372200	3764600	NonCancerChronicDerived_Inh	3.04E-05	3.86E-04	4.72E-06	3.68E-05	4.42E-07	3.09E-05	1.38E-03	3.04E-05	1.35E-05	0.00E+00	4.40E-07	1.69E-03	0.00E+00	0.00E+00	1.69E-03
1161	CARTGRID	1	372300	3764600	NonCancerChronicDerived_Inh	3.98E-05	5.03E-04	6.18E-06	4.80E-05	4.32E-07	4.02E-05	1.79E-03	3.98E-05	1.32E-05	0.00E+00	4.30E-07	1.72E-03	0.00E+00	0.00E+00	1.79E-03
1162	CARTGRID	1	372400	3764600	NonCancerChronicDerived_Inh	4.69E-05	5.92E-04	7.27E-06	5.64E-05	4.66E-07	4.73E-05	2.10E-03	4.69E-05	1.43E-05	0.00E+00	4.63E-07	1.88E-03	0.00E+00	0.00E+00	2.10E-03
1163	CARTGRID	1	372500	3764600	NonCancerChronicDerived_Inh	6.06E-05	7.64E-04	9.40E-06	7.27E-05	3.73E-07	6.10E-05	2.69E-03	6.06E-05	1.18E-05	0.00E+00	3.70E-07	1.70E-03	0.00E+00	0.00E+00	2.69E-03
1164	CARTGRID	1	372600	3764600	NonCancerChronicDerived_Inh	7.97E-05	1.00E-03	1.24E-05	9.56E-05	4.27E-07	8.01E-05	3.53E-03	7.97E-05	1.36E-05	0.00E+00	4.23E-07	2.02E-03	0.00E+00	0.00E+00	3.53E-03
1165	CARTGRID	1	372700	3764600	NonCancerChronicDerived_Inh	1.43E-04	1.79E-03	2.22E-05	1.71E-04	4.18E-07	1.43E-04	6.27E-03	1.43E-04	1.32E-05	0.00E+00	4.10E-07	2.29E-03	0.00E+00	0.00E+00	6.27E-03
1166	CARTGRID	1	372800	3764600	NonCancerChronicDerived_Inh	1.69E-04	2.12E-03	2.63E-05	2.02E-04	4.36E-07	1.70E-04	7.42E-03	1.69E-04	1.36E-05	0.00E+00	4.27E-07	2.45E-03	0.00E+00	0.00E+00	7.42E-03
1167	CARTGRID	1	372900	3764600	NonCancerChronicDerived_Inh	1.93E-04	2.42E-03	2.99E-05	2.31E-04	4.12E-07	1.93E-04	8.45E-03	1.93E-04	1.28E-05	0.00E+00	4.01E-07	2.46E-03	0.00E+00	0.00E+00	8.45E-03
1168	CARTGRID	1	373000	3764600	NonCancerChronicDerived_Inh	1.99E-04	2.50E-03	3.08E-05	2.38E-04	3.95E-07	1.99E-04	8.71E-03	1.99E-04	1.22E-05	0.00E+00	3.84E-07	2.41E-03	0.00E+00	0.00E+00	8.71E-03
1169	CARTGRID	1	373100	3764600	NonCancerChronicDerived_Inh	1.95E-04	2.45E-03	3.02E-05	2.33E-04	3.92E-07	1.95E-04	8.53E-03	1.95E-04	1.20E-05	0.00E+00	3.81E-07	2.36E-03	0.00E+00	0.00E+00	8.53E-03
1170	CARTGRID	1	373200	3764600	NonCancerChronicDerived_Inh	1.91E-04	2.40E-03	2.96E-05	2.28E-04	4.10E-07	1.91E-04	8.36E-03	1.91E-04	1.25E-05	0.00E+00	4.00E-07	2.40E-03	0.00E+00	0.00E+00	8.36E-03
1171	CARTGRID	1	373300	3764600	NonCancerChronicDerived_Inh	1.91E-04	2.40E-03	2.96E-05	2.28E-04	4.28E-07	1.91E-04	8.35E-03	1.91E-04	1.31E-05	0.00E+00	4.18E-07	2.45E-03	0.00E+00	0.00E+00	8.35E-03
1172	CARTGRID	1	373400	3764600	NonCancerChronicDerived_Inh	1.86E-04	2.34E-03	2.88E-05	2.23E-04	4.14E-07	1.86E-04	8.15E-03	1.86E-04	1.26E-05	0.00E+00	4.04E-07	2.37E-03	0.00E+00	0.00E+00	8.15E-03
1173	CARTGRID	1	373500	3764600	NonCancerChronicDerived_Inh	1.81E-04	2.28E-03	2.81E-05	2.16E-04	3.66E-07	1.81E-04	7.92E-03	1.81E-04	1.10E-05	0.00E+00	3.56E-07	2.16E-03	0.00E+00	0.00E+00	7.92E-03
1174	CARTGRID	1	373600	3764600	NonCancerChronicDerived_Inh	1.35E-04	1.70E-03	2.10E-05	1.62E-04	2.61E-07	1.35E-04	5.91E-03	1.35E-04	7.65E-06	0.00E+00	2.53E-07	1.54E-03	0.00E+00	0.00E+00	5.91E-03
1175	CARTGRID	1	373700	3764600	NonCancerChronicDerived_Inh	1.55E-04	1.95E-03	2.40E-05	1.85E-04	3.25E-07	1.55E-04	6.78E-03	1.55E-04	9.66E-06	0.00E+00	3.17E-07	1.87E-03	0.00E+00	0.00E+00	6.78E-03
1176	CARTGRID	1	373800	3764600	NonCancerChronicDerived_Inh	1.52E-04	1.92E-03	2.36E-05	1.82E-04	3.68E-07	1.53E-04	6.68E-03	1.52E-04	1.10E-05	0.00E+00	3.60E-07	2.02E-03	0.00E+00	0.00E+00	6.68E-03
1177	CARTGRID	1	373900	3764600	NonCancerChronicDerived_Inh	1.42E-04	1.79E-03	2.21E-05	1.70E-04	3.88E-07	1.43E-04	6.24E-03	1.42E-04	1.16E-05	0.00E+00	3.81E-07	2.04E-03	0.00E+00	0.00E+00	6.24E-03
1178	CARTGRID	1	374000	3764600	NonCancerChronicDerived_Inh	1.45E-04	1.82E-03	2.24E-05	1.73E-04	3.87E-07	1.45E-04	6.35E-03	1.45E-04	1.14E-05	0.00E+00	3.79E-07	2.03E-03	0.00E+00	0.00E+00	6.35E-03
1179	CARTGRID	1	374100	3764600	NonCancerChronicDerived_Inh	1.45E-04	1.82E-03	2.24E-05	1.73E-04	3.86E-07	1.45E-04	6.35E-03	1.45E-04	1.13E-05	0.00E+00	3.78E-07	2.02E-03	0.00E+00	0.00E+00	6.35E-03
1180	CARTGRID	1	374200	3764600	NonCancerChronicDerived_Inh	1.38E-04	1.74E-03	2.14E-05	1.65E-04	3.78E-07	1.38E-04	6.07E-03	1.38E-04	1.11E-05	0.00E+00	3.70E-07	1.97E-03	0.00E+00	0.00E+00	6.07E-03
1181	CARTGRID	1	374300	3764600	NonCancerChronicDerived_Inh	1.32E-04	1.66E-03	2.05E-05	1.58E-04	3.55E-07	1.32E-04	5.80E-03	1.32E-04	1.03E-05	0.00E+00	3.48E-07	1.85E-03	0.00E+00	0.00E+00	5.80E-03
1182	CARTGRID	1	374400	3764600	NonCancerChronicDerived_Inh	1.40E-04	1.76E-03	2.17E-05	1.67E-04	3.68E-07	1.40E-04	6.13E-03	1.40E-04	1.06E-05	0.00E+00	3.60E-07	1.93E-03	0.00E+00	0.00E+00	6.13E-03
1183	CARTGRID	1	374500	3764600	NonCancerChronicDerived_Inh	1.34E-04	1.69E-03	2.08E-05	1.61E-04	3.47E-07	1.35E-04	5.90E-03	1.34E-04	9.82E-06	0.00E+00	3.39E-07	1.82E-03	0.00E+00	0.00E+00	5.90E-03
1184	CARTGRID	1	374600	3764600	NonCancerChronicDerived_Inh	1.31E-04	1.64E-03	2.02E-05	1.56E-04	3.28E-07	1.31E-04	5.73E-03	1.31E-04	9.18E-06	0.00E+00	3.21E-07	1.73E-03	0.00E+00	0.00E+00	5.73E-03
1185	CARTGRID	1	374700	3764600	NonCancerChronicDerived_Inh	1.29E-04	1.63E-03	2.00E-05	1.54E-04	3.20E-07	1.29E-04	5.67E-03	1.29E-04	8.85E-06	0.00E+00	3.13E-07	1.69E-03	0.00E+00	0.00E+00	5.67E-03
1186	CARTGRID	1	374800	3764600	NonCancerChronicDerived_Inh	1.27E-04	1.60E-03	1.98E-05	1.52E-04	3.13E-07	1.28E-04	5.59E-03	1.27E-04	8.60E-06	0.00E+00	3.06E-07	1.66E-03	0.00E+00	0.00E+00	5.59E-03
1187	CARTGRID	1	374900	3764600	NonCancerChronicDerived_Inh	1.25E-04	1.57E-03	1.94E-05	1.50E-04	3.05E-07	1.25E-04	5.49E-03	1.25E-04	8.37E-06	0.00E+00	2.99E-07	1.62E-03	0.00E+00	0.00E+00	5.49E-03
1188	CARTGRID	1	375000	3764600	NonCancerChronicDerived_Inh	1.21E-04	1.53E-03	1.88E-05	1.45E-04	2.96E-07	1.21E-04	5.32E-03	1.21E-04	8.09E-06	0.00E+00	2.89E-07	1.57E-03	0.00E+00	0.00E+00	5.32E-03
1189	CARTGRID	1	371500	3764700	NonCancerChronicDerived_Inh	1.17E-05	1.48E-04	1.81E-06	1.41E-05	1.04E-07	1.18E-05	5.24E-04	1.17E-05	3.10E-06	0.00E+00	1.03E-07	4.24E-04	0.00E+00	0.00E+00	5.24E-04
1190	CARTGRID	1	371600	3764700	NonCancerChronicDerived_Inh	1.25E-05	1.58E-04	1.94E-06	1.51E-05	1.10E-07	1.26E-05	5.62E-04	1.25E-05	3.32E-06	0.00E+00	1.10E-07	4.53E-04	0.00E+00	0.00E+00	5.62E-04
1191	CARTGRID	1	371700	3764700	NonCancerChronicDerived_Inh	1.36E-05	1.72E-04	2.11E-06	1.64E-05	1.21E-07	1.37E-05	6.10E-04	1.36E-05	3.64E-06	0.00E+00	1.20E-07	4.95E-04	0.00E+00	0.00E+00	6.10E-04
1192	CARTGRID	1	371800	3764700	NonCancerChronicDerived_Inh	1.48E-05	1.87E-04	2.30E-06	1.78E-05	1.31E-07	1.50E-05	6.65E-04	1.48E-05	3.96E-06	0.00E+00	1.30E-07	5.38E-04	0.00E+00	0.00E+00	6.65E-04
1193	CARTGRID	1	371900	3764700	NonCancerChronicDerived_Inh	1.65E-05	2.08E-04	2.55E-06	1.98E-05	1.47E-07	1.66E-05	7.37E-04	1.65E-05	4.45E-06	0.00E+00	1.46E-07	6.04E-04	0.00E+00	0.00E+00	7.37E-04
1194	CARTGRID	1	372000	3764700	NonCancerChronicDerived_Inh	1.91E-05	2.41E-04	2.96E-06	2.29E-05	1.70E-07	1.92E-05	8.53E-04	1.91E-05	5.18E-06	0.00E+00	1.69E-07	7.00E-04	0.00E+00	0.00E+00	8.53E-04
1195	CARTGRID	1	372100	3764700	NonCancerChronicDerived_Inh	2.16E-05	2.73E-04	3.35E-06	2.60E-05	1.89E-07	2.18E-05	9.66E-04	2.16E-05	5.76E-06	0.00E+00	1.88E-07	7.79E-04	0.00E+00	0.00E+00	9.66E-04
1196	CARTGRID	1	372200	3764700	NonCancerChronicDerived_Inh	2.53E-05	3.19E-04	3.92E-06	3.04E-05	2.27E-07	2.55E-05	1.13E-03	2.53E-05	6.93E-06	0.00E+00	2.25E-07	9.29E-04	0.00E+00	0.00E+00	1.13E-03
1197	CARTGRID	1	372300	3764700	NonCancerChronicDerived_Inh	3.00E-05	3.79E-04	4.65E-06	3.61E-05	2.66E-07	3.03E-05	1.34E-03	3.00E-05	8.12E-06	0.00E+00	2.64E-07	1.09E-03	0.00E+00	0.00E+00	1.34E-03
1198	CARTGRID	1	372400	3764700	NonCancerChronicDerived_Inh	3.51E-05	4.44E-04	5.44E-06	4.22E-05	3.62E-07	3.54E-05	1.58E-03	3.51E-05	1.11E-05	0.00E+00	3.60E-07	1.44E-03	0.00E+00	0.00E+00	1.58E-03
1199	CARTGRID	1	372500	3764700	NonCancerChronicDerived_Inh	4.08E-05	5.14E-04	6.33E-06	4.90E-05	2.73E-07	4.11E-05	1.81E-03	4.08E-05	8.45E-06	0.00E+00	2.71E-07	1.19E-03	0.00E+00	0.00E+00	1.81E-03
1200	CARTGRID	1	372600	3764700	NonCancerChronicDerived_Inh	4.70E-05	5.93E-04	7.30E-06	5.65E-05	3.12E-07	4.73E-05	2.09E-03	4.70E-05	9.74E-06	0.00E+00	3.09E-07	1.38E-03	0.00E+00	0.00E+00	2.09E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1201	CARTGRID	1	372700	3764700	NonCancerChronicDerived_Inh	6.13E-05	7.72E-04	9.52E-06	7.35E-05	3.16E-07	6.17E-05	2.71E-03	6.13E-05	9.93E-06	0.00E+00	3.13E-07	1.48E-03	0.00E+00	0.00E+00	2.71E-03
1202	CARTGRID	1	372800	3764700	NonCancerChronicDerived_Inh	8.52E-05	1.07E-03	1.32E-05	1.02E-04	3.19E-07	8.55E-05	3.75E-03	8.52E-05	9.99E-06	0.00E+00	3.14E-07	1.60E-03	0.00E+00	0.00E+00	3.75E-03
1203	CARTGRID	1	372900	3764700	NonCancerChronicDerived_Inh	1.11E-04	1.39E-03	1.72E-05	1.33E-04	3.17E-07	1.11E-04	4.87E-03	1.11E-04	9.88E-06	0.00E+00	3.11E-07	1.71E-03	0.00E+00	0.00E+00	4.87E-03
1204	CARTGRID	1	373000	3764700	NonCancerChronicDerived_Inh	1.31E-04	1.65E-03	2.04E-05	1.57E-04	3.15E-07	1.32E-04	5.76E-03	1.31E-04	9.78E-06	0.00E+00	3.08E-07	1.80E-03	0.00E+00	0.00E+00	5.76E-03
1205	CARTGRID	1	373100	3764700	NonCancerChronicDerived_Inh	1.44E-04	1.81E-03	2.23E-05	1.72E-04	3.17E-07	1.44E-04	6.31E-03	1.44E-04	9.78E-06	0.00E+00	3.09E-07	1.86E-03	0.00E+00	0.00E+00	6.31E-03
1206	CARTGRID	1	373200	3764700	NonCancerChronicDerived_Inh	1.53E-04	1.92E-03	2.37E-05	1.83E-04	3.34E-07	1.53E-04	6.69E-03	1.53E-04	1.03E-05	0.00E+00	3.26E-07	1.95E-03	0.00E+00	0.00E+00	6.69E-03
1207	CARTGRID	1	373300	3764700	NonCancerChronicDerived_Inh	1.66E-04	2.09E-03	2.58E-05	1.99E-04	3.62E-07	1.67E-04	7.28E-03	1.66E-04	1.11E-05	0.00E+00	3.53E-07	2.11E-03	0.00E+00	0.00E+00	7.28E-03
1208	CARTGRID	1	373400	3764700	NonCancerChronicDerived_Inh	1.72E-04	2.16E-03	2.67E-05	2.06E-04	2.96E-07	1.73E-04	7.53E-03	1.72E-04	8.92E-06	0.00E+00	2.86E-07	1.89E-03	0.00E+00	0.00E+00	7.53E-03
1209	CARTGRID	1	373500	3764700	NonCancerChronicDerived_Inh	1.64E-04	2.06E-03	2.54E-05	1.96E-04	2.99E-07	1.64E-04	7.16E-03	1.64E-04	9.00E-06	0.00E+00	2.90E-07	1.85E-03	0.00E+00	0.00E+00	7.16E-03
1210	CARTGRID	1	373600	3764700	NonCancerChronicDerived_Inh	1.58E-04	1.98E-03	2.44E-05	1.88E-04	3.25E-07	1.58E-04	6.90E-03	1.58E-04	9.79E-06	0.00E+00	3.16E-07	1.91E-03	0.00E+00	0.00E+00	6.90E-03
1211	CARTGRID	1	373700	3764700	NonCancerChronicDerived_Inh	1.40E-04	1.77E-03	2.18E-05	1.68E-04	3.51E-07	1.41E-04	6.15E-03	1.40E-04	1.06E-05	0.00E+00	3.44E-07	1.92E-03	0.00E+00	0.00E+00	6.15E-03
1212	CARTGRID	1	373800	3764700	NonCancerChronicDerived_Inh	1.33E-04	1.68E-03	2.07E-05	1.60E-04	3.47E-07	1.34E-04	5.85E-03	1.33E-04	1.04E-05	0.00E+00	3.40E-07	1.86E-03	0.00E+00	0.00E+00	5.85E-03
1213	CARTGRID	1	373900	3764700	NonCancerChronicDerived_Inh	1.22E-04	1.54E-03	1.90E-05	1.46E-04	3.26E-07	1.23E-04	5.37E-03	1.22E-04	9.78E-06	0.00E+00	3.19E-07	1.73E-03	0.00E+00	0.00E+00	5.37E-03
1214	CARTGRID	1	374000	3764700	NonCancerChronicDerived_Inh	1.22E-04	1.54E-03	1.89E-05	1.46E-04	3.32E-07	1.22E-04	5.36E-03	1.22E-04	9.90E-06	0.00E+00	3.25E-07	1.75E-03	0.00E+00	0.00E+00	5.36E-03
1215	CARTGRID	1	374100	3764700	NonCancerChronicDerived_Inh	1.20E-04	1.52E-03	1.87E-05	1.44E-04	3.30E-07	1.21E-04	5.29E-03	1.20E-04	9.78E-06	0.00E+00	3.23E-07	1.73E-03	0.00E+00	0.00E+00	5.29E-03
1216	CARTGRID	1	374200	3764700	NonCancerChronicDerived_Inh	1.16E-04	1.46E-03	1.80E-05	1.39E-04	3.16E-07	1.17E-04	5.10E-03	1.16E-04	9.30E-06	0.00E+00	3.10E-07	1.65E-03	0.00E+00	0.00E+00	5.10E-03
1217	CARTGRID	1	374300	3764700	NonCancerChronicDerived_Inh	1.14E-04	1.44E-03	1.77E-05	1.36E-04	3.07E-07	1.14E-04	5.01E-03	1.14E-04	8.90E-06	0.00E+00	3.00E-07	1.60E-03	0.00E+00	0.00E+00	5.01E-03
1218	CARTGRID	1	374400	3764700	NonCancerChronicDerived_Inh	1.15E-04	1.44E-03	1.78E-05	1.37E-04	3.05E-07	1.15E-04	5.04E-03	1.15E-04	8.78E-06	0.00E+00	2.99E-07	1.59E-03	0.00E+00	0.00E+00	5.04E-03
1219	CARTGRID	1	374500	3764700	NonCancerChronicDerived_Inh	1.14E-04	1.44E-03	1.77E-05	1.37E-04	2.98E-07	1.14E-04	5.01E-03	1.14E-04	8.46E-06	0.00E+00	2.92E-07	1.56E-03	0.00E+00	0.00E+00	5.01E-03
1220	CARTGRID	1	374600	3764700	NonCancerChronicDerived_Inh	1.15E-04	1.45E-03	1.78E-05	1.38E-04	2.95E-07	1.15E-04	5.05E-03	1.15E-04	8.29E-06	0.00E+00	2.89E-07	1.55E-03	0.00E+00	0.00E+00	5.05E-03
1221	CARTGRID	1	374700	3764700	NonCancerChronicDerived_Inh	1.15E-04	1.45E-03	1.79E-05	1.38E-04	2.92E-07	1.16E-04	5.07E-03	1.15E-04	8.13E-06	0.00E+00	2.86E-07	1.53E-03	0.00E+00	0.00E+00	5.07E-03
1222	CARTGRID	1	374800	3764700	NonCancerChronicDerived_Inh	1.16E-04	1.46E-03	1.80E-05	1.39E-04	2.90E-07	1.16E-04	5.09E-03	1.16E-04	8.01E-06	0.00E+00	2.83E-07	1.52E-03	0.00E+00	0.00E+00	5.09E-03
1223	CARTGRID	1	374900	3764700	NonCancerChronicDerived_Inh	1.15E-04	1.45E-03	1.78E-05	1.38E-04	2.85E-07	1.15E-04	5.05E-03	1.15E-04	7.82E-06	0.00E+00	2.78E-07	1.50E-03	0.00E+00	0.00E+00	5.05E-03
1224	CARTGRID	1	375000	3764700	NonCancerChronicDerived_Inh	1.13E-04	1.43E-03	1.76E-05	1.35E-04	2.78E-07	1.14E-04	4.97E-03	1.13E-04	7.62E-06	0.00E+00	2.72E-07	1.47E-03	0.00E+00	0.00E+00	4.97E-03
1225	CARTGRID	1	371500	3764800	NonCancerChronicDerived_Inh	1.06E-05	1.34E-04	1.64E-06	1.27E-05	9.15E-08	1.07E-05	4.75E-04	1.06E-05	2.72E-06	0.00E+00	9.09E-08	3.75E-04	0.00E+00	0.00E+00	4.75E-04
1226	CARTGRID	1	371600	3764800	NonCancerChronicDerived_Inh	1.13E-05	1.42E-04	1.75E-06	1.35E-05	9.59E-08	1.14E-05	5.05E-04	1.13E-05	2.87E-06	0.00E+00	9.53E-08	3.94E-04	0.00E+00	0.00E+00	5.05E-04
1227	CARTGRID	1	371700	3764800	NonCancerChronicDerived_Inh	1.21E-05	1.53E-04	1.88E-06	1.46E-05	1.02E-07	1.22E-05	5.42E-04	1.21E-05	3.05E-06	0.00E+00	1.01E-07	4.20E-04	0.00E+00	0.00E+00	5.42E-04
1228	CARTGRID	1	371800	3764800	NonCancerChronicDerived_Inh	1.31E-05	1.66E-04	2.03E-06	1.58E-05	1.08E-07	1.32E-05	5.87E-04	1.31E-05	3.24E-06	0.00E+00	1.07E-07	4.47E-04	0.00E+00	0.00E+00	5.87E-04
1229	CARTGRID	1	371900	3764800	NonCancerChronicDerived_Inh	1.46E-05	1.85E-04	2.27E-06	1.76E-05	1.18E-07	1.48E-05	6.55E-04	1.46E-05	3.57E-06	0.00E+00	1.17E-07	4.93E-04	0.00E+00	0.00E+00	6.55E-04
1230	CARTGRID	1	372000	3764800	NonCancerChronicDerived_Inh	1.69E-05	2.13E-04	2.61E-06	2.03E-05	1.32E-07	1.70E-05	7.53E-04	1.69E-05	4.00E-06	0.00E+00	1.31E-07	5.54E-04	0.00E+00	0.00E+00	7.53E-04
1231	CARTGRID	1	372100	3764800	NonCancerChronicDerived_Inh	1.93E-05	2.44E-04	2.99E-06	2.32E-05	1.44E-07	1.95E-05	8.61E-04	1.93E-05	4.37E-06	0.00E+00	1.43E-07	6.09E-04	0.00E+00	0.00E+00	8.61E-04
1232	CARTGRID	1	372200	3764800	NonCancerChronicDerived_Inh	2.16E-05	2.72E-04	3.35E-06	2.59E-05	1.57E-07	2.17E-05	9.61E-04	2.16E-05	4.79E-06	0.00E+00	1.56E-07	6.68E-04	0.00E+00	0.00E+00	9.61E-04
1233	CARTGRID	1	372300	3764800	NonCancerChronicDerived_Inh	2.58E-05	3.25E-04	4.00E-06	3.09E-05	1.56E-07	2.59E-05	1.14E-03	2.58E-05	4.76E-06	0.00E+00	1.55E-07	6.86E-04	0.00E+00	0.00E+00	1.14E-03
1234	CARTGRID	1	372400	3764800	NonCancerChronicDerived_Inh	2.69E-05	3.39E-04	4.17E-06	3.22E-05	1.57E-07	2.70E-05	1.19E-03	2.69E-05	4.76E-06	0.00E+00	1.55E-07	6.89E-04	0.00E+00	0.00E+00	1.19E-03
1235	CARTGRID	1	372500	3764800	NonCancerChronicDerived_Inh	3.11E-05	3.92E-04	4.83E-06	3.74E-05	1.93E-07	3.13E-05	1.38E-03	3.11E-05	5.93E-06	0.00E+00	1.91E-07	8.50E-04	0.00E+00	0.00E+00	1.38E-03
1236	CARTGRID	1	372600	3764800	NonCancerChronicDerived_Inh	3.45E-05	4.35E-04	5.35E-06	4.14E-05	2.36E-07	3.47E-05	1.53E-03	3.45E-05	7.29E-06	0.00E+00	2.34E-07	1.03E-03	0.00E+00	0.00E+00	1.53E-03
1237	CARTGRID	1	372700	3764800	NonCancerChronicDerived_Inh	3.96E-05	4.99E-04	6.14E-06	4.75E-05	2.45E-07	3.98E-05	1.76E-03	3.96E-05	7.63E-06	0.00E+00	2.43E-07	1.09E-03	0.00E+00	0.00E+00	1.76E-03
1238	CARTGRID	1	372800	3764800	NonCancerChronicDerived_Inh	4.99E-05	6.28E-04	7.74E-06	5.98E-05	2.46E-07	5.01E-05	2.21E-03	4.99E-05	7.69E-06	0.00E+00	2.44E-07	1.15E-03	0.00E+00	0.00E+00	2.21E-03
1239	CARTGRID	1	372900	3764800	NonCancerChronicDerived_Inh	6.48E-05	8.15E-04	1.01E-05	7.76E-05	2.50E-07	6.51E-05	2.86E-03	6.48E-05	7.78E-06	0.00E+00	2.46E-07	1.24E-03	0.00E+00	0.00E+00	2.86E-03
1240	CARTGRID	1	373000	3764800	NonCancerChronicDerived_Inh	8.15E-05	1.02E-03	1.26E-05	9.75E-05	2.52E-07	8.17E-05	3.58E-03	8.15E-05	7.84E-06	0.00E+00	2.48E-07	1.33E-03	0.00E+00	0.00E+00	3.58E-03
1241	CARTGRID	1	373100	3764800	NonCancerChronicDerived_Inh	9.72E-05	1.22E-03	1.51E-05	1.16E-04	2.58E-07	9.75E-05	4.27E-03	9.72E-05	7.99E-06	0.00E+00	2.53E-07	1.42E-03	0.00E+00	0.00E+00	4.27E-03
1242	CARTGRID	1	373200	3764800	NonCancerChronicDerived_Inh	1.13E-04	1.42E-03	1.75E-05	1.35E-04	2.81E-07	1.13E-04	4.96E-03	1.13E-04	8.64E-06	0.00E+00	2.74E-07	1.57E-03	0.00E+00	0.00E+00	4.96E-03
1243	CARTGRID	1	373300	3764800	NonCancerChronicDerived_Inh	1.32E-04	1.66E-03	2.05E-05	1.58E-04	3.03E-07	1.32E-04	5.78E-03	1.32E-04	9.30E-06	0.00E+00	2.96E-07	1.74E-03	0.00E+00	0.00E+00	5.78E-03
1244	CARTGRID	1	373400	3764800	NonCancerChronicDerived_Inh	1.41E-04	1.77E-03	2.19E-05	1.69E-04	3.02E-07	1.41E-04	6.18E-03	1.41E-04	9.23E-06	0.00E+00	2.95E-07	1.77E-03	0.00E+00	0.00E+00	6.18E-03
1245	CARTGRID	1	373500	3764800	NonCancerChronicDerived_Inh	1.31E-04	1.64E-03	2.03E-05	1.56E-04	3.08E-07	1.31E-04	5.73E-03	1.31E-04	9.37E-06	0.00E+00	3.01E-07	1.73E-03	0.00E+00	0.00E+00	5.73E-03
1246	CARTGRID	1	373600	3764800	NonCancerChronicDerived_Inh	1.25E-04	1.57E-03	1.94E-05	1.50E-04	3.01E-07	1.25E-04	5.48E-03	1.25E-04	9.13E-06	0.00E+00	2.94E-07	1.67E-03	0.00E+00	0.00E+00	5.48E-03
1247	CARTGRID	1	373700	3764800	NonCancerChronicDerived_Inh	1.19E-04	1.50E-03	1.85E-05	1.42E-04	2.91E-07	1.19E-04	5.22E-03	1.19E-04	8.80E-06	0.00E+00	2.84E-07	1.61E-03	0.00E+00	0.00E+00	5.22E-03
1248	CARTGRID	1	373800	3764800	NonCancerChronicDerived_Inh	1.14E-04	1.43E-03	1.76E-05	1.36E-04	2.82E-07	1.14E-04	4.99E-03	1.14E-04	8.49E-06	0.00E+00	2.76E-07	1.54E-03	0.00E+00	0.00E+00	4.99E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1249	CARTGRID	1	373900	3764800	NonCancerChronicDerived_Inh	1.09E-04	1.37E-03	1.69E-05	1.30E-04	2.73E-07	1.09E-04	4.78E-03	1.09E-04	8.17E-06	0.00E+00	2.67E-07	1.48E-03	0.00E+00	0.00E+00	4.78E-03
1250	CARTGRID	1	374000	3764800	NonCancerChronicDerived_Inh	1.06E-04	1.34E-03	1.65E-05	1.27E-04	2.72E-07	1.07E-04	4.66E-03	1.06E-04	8.10E-06	0.00E+00	2.66E-07	1.46E-03	0.00E+00	0.00E+00	4.66E-03
1251	CARTGRID	1	374100	3764800	NonCancerChronicDerived_Inh	1.05E-04	1.32E-03	1.63E-05	1.25E-04	2.74E-07	1.05E-04	4.60E-03	1.05E-04	8.12E-06	0.00E+00	2.68E-07	1.46E-03	0.00E+00	0.00E+00	4.60E-03
1252	CARTGRID	1	374200	3764800	NonCancerChronicDerived_Inh	1.04E-04	1.30E-03	1.61E-05	1.24E-04	2.74E-07	1.04E-04	4.55E-03	1.04E-04	8.04E-06	0.00E+00	2.68E-07	1.45E-03	0.00E+00	0.00E+00	4.55E-03
1253	CARTGRID	1	374300	3764800	NonCancerChronicDerived_Inh	1.03E-04	1.30E-03	1.60E-05	1.23E-04	2.74E-07	1.03E-04	4.53E-03	1.03E-04	7.99E-06	0.00E+00	2.68E-07	1.44E-03	0.00E+00	0.00E+00	4.53E-03
1254	CARTGRID	1	374400	3764800	NonCancerChronicDerived_Inh	1.02E-04	1.29E-03	1.59E-05	1.23E-04	2.71E-07	1.03E-04	4.50E-03	1.02E-04	7.83E-06	0.00E+00	2.66E-07	1.42E-03	0.00E+00	0.00E+00	4.50E-03
1255	CARTGRID	1	374500	3764800	NonCancerChronicDerived_Inh	1.03E-04	1.29E-03	1.59E-05	1.23E-04	2.70E-07	1.03E-04	4.50E-03	1.03E-04	7.71E-06	0.00E+00	2.64E-07	1.41E-03	0.00E+00	0.00E+00	4.50E-03
1256	CARTGRID	1	374600	3764800	NonCancerChronicDerived_Inh	1.03E-04	1.30E-03	1.60E-05	1.23E-04	2.69E-07	1.03E-04	4.53E-03	1.03E-04	7.60E-06	0.00E+00	2.63E-07	1.40E-03	0.00E+00	0.00E+00	4.53E-03
1257	CARTGRID	1	374700	3764800	NonCancerChronicDerived_Inh	1.04E-04	1.31E-03	1.61E-05	1.24E-04	2.68E-07	1.04E-04	4.56E-03	1.04E-04	7.50E-06	0.00E+00	2.62E-07	1.40E-03	0.00E+00	0.00E+00	4.56E-03
1258	CARTGRID	1	374800	3764800	NonCancerChronicDerived_Inh	1.05E-04	1.32E-03	1.63E-05	1.25E-04	2.67E-07	1.05E-04	4.61E-03	1.05E-04	7.43E-06	0.00E+00	2.62E-07	1.40E-03	0.00E+00	0.00E+00	4.61E-03
1259	CARTGRID	1	374900	3764800	NonCancerChronicDerived_Inh	1.05E-04	1.32E-03	1.63E-05	1.26E-04	2.65E-07	1.05E-04	4.62E-03	1.05E-04	7.32E-06	0.00E+00	2.59E-07	1.39E-03	0.00E+00	0.00E+00	4.62E-03
1260	CARTGRID	1	375000	3764800	NonCancerChronicDerived_Inh	1.05E-04	1.32E-03	1.62E-05	1.25E-04	2.60E-07	1.05E-04	4.59E-03	1.05E-04	7.15E-06	0.00E+00	2.55E-07	1.37E-03	0.00E+00	0.00E+00	4.59E-03
1261	CARTGRID	1	371500	3764900	NonCancerChronicDerived_Inh	9.66E-06	1.22E-04	1.50E-06	1.16E-05	8.18E-08	9.75E-06	4.33E-04	9.66E-06	2.43E-06	0.00E+00	8.13E-08	3.35E-04	0.00E+00	0.00E+00	4.33E-04
1262	CARTGRID	1	371600	3764900	NonCancerChronicDerived_Inh	1.02E-05	1.29E-04	1.59E-06	1.23E-05	8.46E-08	1.03E-05	4.58E-04	1.02E-05	2.52E-06	0.00E+00	8.41E-08	3.49E-04	0.00E+00	0.00E+00	4.58E-04
1263	CARTGRID	1	371700	3764900	NonCancerChronicDerived_Inh	1.09E-05	1.38E-04	1.69E-06	1.31E-05	8.78E-08	1.10E-05	4.89E-04	1.09E-05	2.62E-06	0.00E+00	8.72E-08	3.64E-04	0.00E+00	0.00E+00	4.89E-04
1264	CARTGRID	1	371800	3764900	NonCancerChronicDerived_Inh	1.18E-05	1.49E-04	1.83E-06	1.42E-05	9.19E-08	1.19E-05	5.29E-04	1.18E-05	2.75E-06	0.00E+00	9.12E-08	3.84E-04	0.00E+00	0.00E+00	5.29E-04
1265	CARTGRID	1	371900	3764900	NonCancerChronicDerived_Inh	1.30E-05	1.64E-04	2.02E-06	1.56E-05	9.72E-08	1.31E-05	5.81E-04	1.30E-05	2.92E-06	0.00E+00	9.65E-08	4.09E-04	0.00E+00	0.00E+00	5.81E-04
1266	CARTGRID	1	372000	3764900	NonCancerChronicDerived_Inh	1.52E-05	1.91E-04	2.35E-06	1.82E-05	1.10E-07	1.53E-05	6.76E-04	1.52E-05	3.34E-06	0.00E+00	1.10E-07	4.69E-04	0.00E+00	0.00E+00	6.76E-04
1267	CARTGRID	1	372100	3764900	NonCancerChronicDerived_Inh	1.66E-05	2.10E-04	2.58E-06	2.00E-05	1.15E-07	1.67E-05	7.40E-04	1.66E-05	3.49E-06	0.00E+00	1.15E-07	4.94E-04	0.00E+00	0.00E+00	7.40E-04
1268	CARTGRID	1	372200	3764900	NonCancerChronicDerived_Inh	1.83E-05	2.31E-04	2.84E-06	2.20E-05	1.25E-07	1.84E-05	8.15E-04	1.83E-05	3.79E-06	0.00E+00	1.24E-07	5.37E-04	0.00E+00	0.00E+00	8.15E-04
1269	CARTGRID	1	372300	3764900	NonCancerChronicDerived_Inh	2.04E-05	2.57E-04	3.16E-06	2.45E-05	1.36E-07	2.05E-05	9.08E-04	2.04E-05	4.10E-06	0.00E+00	1.34E-07	5.83E-04	0.00E+00	0.00E+00	9.08E-04
1270	CARTGRID	1	372400	3764900	NonCancerChronicDerived_Inh	2.29E-05	2.89E-04	3.56E-06	2.75E-05	1.31E-07	2.31E-05	1.02E-03	2.29E-05	3.99E-06	0.00E+00	1.30E-07	5.83E-04	0.00E+00	0.00E+00	1.02E-03
1271	CARTGRID	1	372500	3764900	NonCancerChronicDerived_Inh	2.51E-05	3.16E-04	3.89E-06	3.01E-05	1.36E-07	2.52E-05	1.11E-03	2.51E-05	4.15E-06	0.00E+00	1.35E-07	6.13E-04	0.00E+00	0.00E+00	1.11E-03
1272	CARTGRID	1	372600	3764900	NonCancerChronicDerived_Inh	2.68E-05	3.38E-04	4.16E-06	3.22E-05	1.79E-07	2.70E-05	1.19E-03	2.68E-05	5.48E-06	0.00E+00	1.77E-07	7.77E-04	0.00E+00	0.00E+00	1.19E-03
1273	CARTGRID	1	372700	3764900	NonCancerChronicDerived_Inh	2.98E-05	3.76E-04	4.62E-06	3.58E-05	1.92E-07	3.00E-05	1.32E-03	2.98E-05	5.95E-06	0.00E+00	1.91E-07	8.46E-04	0.00E+00	0.00E+00	1.32E-03
1274	CARTGRID	1	372800	3764900	NonCancerChronicDerived_Inh	3.42E-05	4.31E-04	5.31E-06	4.10E-05	1.94E-07	3.44E-05	1.52E-03	3.42E-05	6.00E-06	0.00E+00	1.92E-07	8.76E-04	0.00E+00	0.00E+00	1.52E-03
1275	CARTGRID	1	372900	3764900	NonCancerChronicDerived_Inh	4.18E-05	5.26E-04	6.48E-06	5.01E-05	1.95E-07	4.20E-05	1.85E-03	4.18E-05	6.04E-06	0.00E+00	1.93E-07	9.20E-04	0.00E+00	0.00E+00	1.85E-03
1276	CARTGRID	1	373000	3764900	NonCancerChronicDerived_Inh	5.23E-05	6.58E-04	8.11E-06	6.26E-05	2.03E-07	5.25E-05	2.30E-03	5.23E-05	6.29E-06	0.00E+00	2.00E-07	1.00E-03	0.00E+00	0.00E+00	2.30E-03
1277	CARTGRID	1	373100	3764900	NonCancerChronicDerived_Inh	6.41E-05	8.06E-04	9.95E-06	7.68E-05	2.10E-07	6.43E-05	2.82E-03	6.41E-05	6.49E-06	0.00E+00	2.06E-07	1.08E-03	0.00E+00	0.00E+00	2.82E-03
1278	CARTGRID	1	373200	3764900	NonCancerChronicDerived_Inh	7.67E-05	9.64E-04	1.19E-05	9.17E-05	2.22E-07	7.69E-05	3.37E-03	7.67E-05	6.84E-06	0.00E+00	2.18E-07	1.18E-03	0.00E+00	0.00E+00	3.37E-03
1279	CARTGRID	1	373300	3764900	NonCancerChronicDerived_Inh	9.34E-05	1.17E-03	1.45E-05	1.12E-04	2.52E-07	9.36E-05	4.10E-03	9.34E-05	7.76E-06	0.00E+00	2.47E-07	1.37E-03	0.00E+00	0.00E+00	4.10E-03
1280	CARTGRID	1	373400	3764900	NonCancerChronicDerived_Inh	9.92E-05	1.25E-03	1.54E-05	1.19E-04	2.53E-07	9.94E-05	4.35E-03	9.92E-05	7.76E-06	0.00E+00	2.48E-07	1.40E-03	0.00E+00	0.00E+00	4.35E-03
1281	CARTGRID	1	373500	3764900	NonCancerChronicDerived_Inh	1.02E-04	1.28E-03	1.58E-05	1.22E-04	2.49E-07	1.02E-04	4.46E-03	1.02E-04	7.59E-06	0.00E+00	2.44E-07	1.39E-03	0.00E+00	0.00E+00	4.46E-03
1282	CARTGRID	1	373600	3764900	NonCancerChronicDerived_Inh	1.04E-04	1.31E-03	1.61E-05	1.24E-04	2.51E-07	1.04E-04	4.55E-03	1.04E-04	7.63E-06	0.00E+00	2.46E-07	1.40E-03	0.00E+00	0.00E+00	4.55E-03
1283	CARTGRID	1	373700	3764900	NonCancerChronicDerived_Inh	1.02E-04	1.28E-03	1.58E-05	1.22E-04	2.44E-07	1.02E-04	4.48E-03	1.02E-04	7.36E-06	0.00E+00	2.38E-07	1.36E-03	0.00E+00	0.00E+00	4.48E-03
1284	CARTGRID	1	373800	3764900	NonCancerChronicDerived_Inh	1.01E-04	1.27E-03	1.56E-05	1.21E-04	2.42E-07	1.01E-04	4.42E-03	1.01E-04	7.29E-06	0.00E+00	2.37E-07	1.34E-03	0.00E+00	0.00E+00	4.42E-03
1285	CARTGRID	1	373900	3764900	NonCancerChronicDerived_Inh	9.86E-05	1.24E-03	1.53E-05	1.18E-04	2.39E-07	9.89E-05	4.32E-03	9.86E-05	7.15E-06	0.00E+00	2.34E-07	1.32E-03	0.00E+00	0.00E+00	4.32E-03
1286	CARTGRID	1	374000	3764900	NonCancerChronicDerived_Inh	9.69E-05	1.22E-03	1.50E-05	1.16E-04	2.39E-07	9.72E-05	4.25E-03	9.69E-05	7.13E-06	0.00E+00	2.34E-07	1.31E-03	0.00E+00	0.00E+00	4.25E-03
1287	CARTGRID	1	374100	3764900	NonCancerChronicDerived_Inh	9.55E-05	1.20E-03	1.48E-05	1.14E-04	2.40E-07	9.58E-05	4.19E-03	9.55E-05	7.12E-06	0.00E+00	2.35E-07	1.30E-03	0.00E+00	0.00E+00	4.19E-03
1288	CARTGRID	1	374200	3764900	NonCancerChronicDerived_Inh	9.49E-05	1.19E-03	1.47E-05	1.14E-04	2.44E-07	9.52E-05	4.17E-03	9.49E-05	7.19E-06	0.00E+00	2.39E-07	1.30E-03	0.00E+00	0.00E+00	4.17E-03
1289	CARTGRID	1	374300	3764900	NonCancerChronicDerived_Inh	9.44E-05	1.19E-03	1.46E-05	1.13E-04	2.46E-07	9.46E-05	4.14E-03	9.44E-05	7.19E-06	0.00E+00	2.41E-07	1.30E-03	0.00E+00	0.00E+00	4.14E-03
1290	CARTGRID	1	374400	3764900	NonCancerChronicDerived_Inh	9.40E-05	1.18E-03	1.46E-05	1.13E-04	2.47E-07	9.43E-05	4.13E-03	9.40E-05	7.16E-06	0.00E+00	2.42E-07	1.30E-03	0.00E+00	0.00E+00	4.13E-03
1291	CARTGRID	1	374500	3764900	NonCancerChronicDerived_Inh	9.37E-05	1.18E-03	1.45E-05	1.12E-04	2.46E-07	9.40E-05	4.12E-03	9.37E-05	7.07E-06	0.00E+00	2.41E-07	1.29E-03	0.00E+00	0.00E+00	4.12E-03
1292	CARTGRID	1	374600	3764900	NonCancerChronicDerived_Inh	9.40E-05	1.18E-03	1.46E-05	1.12E-04	2.47E-07	9.42E-05	4.13E-03	9.40E-05	7.01E-06	0.00E+00	2.41E-07	1.29E-03	0.00E+00	0.00E+00	4.13E-03
1293	CARTGRID	1	374700	3764900	NonCancerChronicDerived_Inh	9.45E-05	1.19E-03	1.47E-05	1.13E-04	2.47E-07	9.48E-05	4.15E-03	9.45E-05	6.95E-06	0.00E+00	2.42E-07	1.29E-03	0.00E+00	0.00E+00	4.15E-03
1294	CARTGRID	1	374800	3764900	NonCancerChronicDerived_Inh	9.53E-05	1.20E-03	1.48E-05	1.14E-04	2.47E-07	9.55E-05	4.19E-03	9.53E-05	6.90E-06	0.00E+00	2.41E-07	1.29E-03	0.00E+00	0.00E+00	4.19E-03
1295	CARTGRID	1	374900	3764900	NonCancerChronicDerived_Inh	9.59E-05	1.21E-03	1.49E-05	1.15E-04	2.46E-07	9.62E-05	4.21E-03	9.59E-05	6.82E-06	0.00E+00	2.41E-07	1.28E-03	0.00E+00	0.00E+00	4.21E-03
1296	CARTGRID	1	375000	3764900	NonCancerChronicDerived_Inh	9.60E-05	1.21E-03	1.49E-05	1.15E-04	2.43E-07	9.62E-05	4.21E-03	9.59E-05	6.70E-06	0.00E+00	2.38E-07	1.27E-03	0.00E+00	0.00E+00	4.21E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1297	SENSITIV	Star Sch	371655	3764335	NonCancerChronicDerived_Inh	1.96E-05	2.47E-04	3.03E-06	2.36E-05	2.08E-07	1.98E-05	8.81E-04	1.96E-05	6.34E-06	0.00E+00	2.07E-07	8.37E-04	0.00E+00	0.00E+00	8.81E-04
1298	SENSITIV	Village	371602	3765015	NonCancerChronicDerived_Inh	9.33E-06	1.18E-04	1.45E-06	1.12E-05	7.49E-08	9.41E-06	4.18E-04	9.33E-06	2.22E-06	0.00E+00	7.44E-08	3.09E-04	0.00E+00	0.00E+00	4.18E-04
1299	SENSITIV	Linwood	371458	3765442	NonCancerChronicDerived_Inh	6.58E-06	8.30E-05	1.02E-06	7.90E-06	5.01E-08	6.63E-06	2.94E-04	6.58E-06	1.46E-06	0.00E+00	4.98E-08	2.06E-04	0.00E+00	0.00E+00	2.94E-04
1300	SENSITIV	Willows	372537	3765521	NonCancerChronicDerived_Inh	9.80E-06	1.24E-04	1.52E-06	1.18E-05	5.64E-08	9.86E-06	4.36E-04	9.80E-06	1.67E-06	0.00E+00	5.59E-08	2.47E-04	0.00E+00	0.00E+00	4.36E-04
1301	SENSITIV	Baldwin	373913	3765441	NonCancerChronicDerived_Inh	4.02E-05	5.05E-04	6.23E-06	4.81E-05	1.27E-07	4.03E-05	1.77E-03	4.02E-05	3.82E-06	0.00E+00	1.25E-07	6.46E-04	0.00E+00	0.00E+00	1.77E-03
1302	SENSITIV	Hillcres	375384	3764569	NonCancerChronicDerived_Inh	1.01E-04	1.27E-03	1.57E-05	1.21E-04	2.52E-07	1.01E-04	4.44E-03	1.01E-04	6.90E-06	0.00E+00	2.46E-07	1.34E-03	0.00E+00	0.00E+00	4.44E-03
1303	SENSITIV	Windssor	374735	3762558	NonCancerChronicDerived_Inh	9.69E-06	1.25E-04	1.50E-06	1.19E-05	3.81E-07	1.01E-05	4.71E-04	9.69E-06	1.16E-05	0.00E+00	3.81E-07	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1304	SENSITIV	Communit	374502	3761177	NonCancerChronicDerived_Inh	7.37E-06	9.31E-05	1.14E-06	8.86E-06	5.88E-08	7.43E-06	3.30E-04	7.37E-06	1.75E-06	0.00E+00	5.84E-08	2.50E-04	0.00E+00	0.00E+00	3.30E-04
1305	SENSITIV	ICEF Sch	373575	3761806	NonCancerChronicDerived_Inh	1.48E-05	1.89E-04	2.30E-06	1.80E-05	2.68E-07	1.51E-05	6.82E-04	1.48E-05	8.47E-06	0.00E+00	2.68E-07	1.09E-03	0.00E+00	0.00E+00	1.09E-03
1306	SENSITIV	La Tijer	373549	3760990	NonCancerChronicDerived_Inh	6.77E-06	8.58E-05	1.05E-06	8.17E-06	9.01E-08	6.86E-06	3.08E-04	6.77E-06	2.72E-06	0.00E+00	8.97E-08	3.61E-04	0.00E+00	0.00E+00	3.61E-04
1307	SENSITIV	Frank Pa	372980	3761081	NonCancerChronicDerived_Inh	7.85E-06	9.96E-05	1.22E-06	9.49E-06	1.14E-07	7.97E-06	3.59E-04	7.85E-06	3.51E-06	0.00E+00	1.13E-07	4.66E-04	0.00E+00	0.00E+00	4.66E-04
1308	SENSITIV	El Rinco	371566	3762615	NonCancerChronicDerived_Inh	2.16E-05	2.73E-04	3.35E-06	2.60E-05	2.09E-07	2.18E-05	9.72E-04	2.16E-05	6.17E-06	0.00E+00	2.08E-07	8.42E-04	0.00E+00	0.00E+00	9.72E-04
1309	SENSITIV	West La	372008	3763263	NonCancerChronicDerived_Inh	4.51E-05	5.70E-04	6.99E-06	5.42E-05	3.70E-07	4.54E-05	2.01E-03	4.51E-05	1.12E-05	0.00E+00	3.67E-07	1.53E-03	0.00E+00	0.00E+00	2.01E-03
1310	SENSITIV	We LA Co	372011	3763812	NonCancerChronicDerived_Inh	4.96E-05	6.27E-04	7.69E-06	5.97E-05	4.76E-07	5.01E-05	2.23E-03	4.96E-05	1.46E-05	0.00E+00	4.73E-07	1.95E-03	0.00E+00	0.00E+00	2.23E-03
1311	SENSITIV	Culver C	370802	3763850	NonCancerChronicDerived_Inh	1.16E-05	1.46E-04	1.79E-06	1.39E-05	1.21E-07	1.17E-05	5.22E-04	1.16E-05	3.55E-06	0.00E+00	1.20E-07	4.77E-04	0.00E+00	0.00E+00	5.22E-04
1312	CENSUS	0	372901	3765440	NonCancerChronicDerived_Inh	1.33E-05	1.67E-04	2.06E-06	1.59E-05	7.46E-08	1.33E-05	5.88E-04	1.33E-05	2.25E-06	0.00E+00	7.39E-08	3.31E-04	0.00E+00	0.00E+00	5.88E-04
1313	CENSUS	0	372959.8	3765435	NonCancerChronicDerived_Inh	1.41E-05	1.78E-04	2.19E-06	1.69E-05	7.79E-08	1.42E-05	6.26E-04	1.41E-05	2.35E-06	0.00E+00	7.71E-08	3.47E-04	0.00E+00	0.00E+00	6.26E-04
1314	CENSUS	0	372842.8	3765524	NonCancerChronicDerived_Inh	1.14E-05	1.44E-04	1.77E-06	1.37E-05	6.45E-08	1.15E-05	5.06E-04	1.14E-05	1.93E-06	0.00E+00	6.39E-08	2.85E-04	0.00E+00	0.00E+00	5.06E-04
1315	CENSUS	66	373420.8	3765485	NonCancerChronicDerived_Inh	2.17E-05	2.74E-04	3.37E-06	2.61E-05	9.63E-08	2.18E-05	9.61E-04	2.17E-05	2.91E-06	0.00E+00	9.51E-08	4.51E-04	0.00E+00	0.00E+00	9.61E-04
1316	CENSUS	29	373545.6	3765515	NonCancerChronicDerived_Inh	2.37E-05	2.99E-04	3.68E-06	2.84E-05	9.93E-08	2.38E-05	1.05E-03	2.37E-05	3.00E-06	0.00E+00	9.80E-08	4.70E-04	0.00E+00	0.00E+00	1.05E-03
1317	CENSUS	44	375225.2	3761771	NonCancerChronicDerived_Inh	7.20E-06	9.09E-05	1.12E-06	8.65E-06	5.70E-08	7.26E-06	3.22E-04	7.20E-06	1.68E-06	0.00E+00	5.66E-08	2.38E-04	0.00E+00	0.00E+00	3.22E-04
1318	CENSUS	0	375106.2	3761773	NonCancerChronicDerived_Inh	7.65E-06	9.66E-05	1.19E-06	9.20E-06	6.34E-08	7.72E-06	3.43E-04	7.65E-06	1.86E-06	0.00E+00	6.30E-08	2.62E-04	0.00E+00	0.00E+00	3.43E-04
1319	CENSUS	14	375102.8	3761696	NonCancerChronicDerived_Inh	7.31E-06	9.24E-05	1.13E-06	8.79E-06	6.04E-08	7.38E-06	3.28E-04	7.31E-06	1.77E-06	0.00E+00	6.00E-08	2.49E-04	0.00E+00	0.00E+00	3.28E-04
1320	CENSUS	633	373341.1	3764878	NonCancerChronicDerived_Inh	1.05E-04	1.32E-03	1.63E-05	1.25E-04	2.66E-07	1.05E-04	4.60E-03	1.05E-04	8.17E-06	0.00E+00	2.61E-07	1.47E-03	0.00E+00	0.00E+00	4.60E-03
1321	CENSUS	0	374183.5	3763735	NonCancerChronicDerived_Inh	1.98E-04	2.49E-03	3.06E-05	2.36E-04	5.71E-07	1.98E-04	8.68E-03	1.98E-04	1.46E-05	0.00E+00	5.60E-07	2.80E-03	0.00E+00	0.00E+00	8.68E-03
1322	CENSUS	62	374306.4	3764163	NonCancerChronicDerived_Inh	2.02E-04	2.54E-03	3.13E-05	2.42E-04	4.69E-07	2.02E-04	8.87E-03	2.02E-04	1.18E-05	0.00E+00	4.58E-07	2.39E-03	0.00E+00	0.00E+00	8.87E-03
1323	CENSUS	200	374206.1	3764354	NonCancerChronicDerived_Inh	2.05E-04	2.59E-03	3.18E-05	2.46E-04	5.11E-07	2.06E-04	9.01E-03	2.05E-04	1.45E-05	0.00E+00	5.00E-07	2.71E-03	0.00E+00	0.00E+00	9.01E-03
1324	CENSUS	0	373212.5	3764361	NonCancerChronicDerived_Inh	2.26E-04	2.84E-03	3.50E-05	2.70E-04	5.84E-07	2.26E-04	9.89E-03	2.26E-04	1.77E-05	0.00E+00	5.72E-07	3.13E-03	0.00E+00	0.00E+00	9.89E-03
1325	CENSUS	64	373975.1	3764905	NonCancerChronicDerived_Inh	9.69E-05	1.22E-03	1.50E-05	1.16E-04	2.38E-07	9.71E-05	4.25E-03	9.69E-05	7.09E-06	0.00E+00	2.32E-07	1.30E-03	0.00E+00	0.00E+00	4.25E-03
1326	CENSUS	0	374058.3	3763929	NonCancerChronicDerived_Inh	3.20E-04	4.03E-03	4.96E-05	3.83E-04	8.04E-07	3.21E-04	1.41E-02	3.20E-04	2.08E-05	0.00E+00	7.87E-07	4.06E-03	0.00E+00	0.00E+00	1.41E-02
1327	CENSUS	0	373575.9	3764344	NonCancerChronicDerived_Inh	1.96E-04	2.47E-03	3.04E-05	2.35E-04	5.29E-07	1.96E-04	8.60E-03	1.96E-04	1.59E-05	0.00E+00	5.19E-07	2.78E-03	0.00E+00	0.00E+00	8.60E-03
1328	CENSUS	0	373533.5	3763998	NonCancerChronicDerived_Inh	3.12E-04	3.93E-03	4.84E-05	3.73E-04	9.33E-07	3.13E-04	1.37E-02	3.12E-04	2.80E-05	0.00E+00	9.16E-07	4.72E-03	0.00E+00	0.00E+00	1.37E-02
1329	CENSUS	0	373574.1	3763737	NonCancerChronicDerived_Inh	1.01E-03	1.27E-02	1.56E-04	1.20E-03	2.08E-06	1.01E-03	4.39E-02	1.01E-03	6.06E-05	0.00E+00	2.03E-06	1.19E-02	0.00E+00	0.00E+00	4.39E-02
1330	CENSUS	0	373994.8	3763455	NonCancerChronicDerived_Inh	3.63E-04	4.59E-03	5.62E-05	4.36E-04	2.44E-06	3.66E-04	1.61E-02	3.63E-04	7.41E-05	0.00E+00	2.42E-06	1.02E-02	0.00E+00	0.00E+00	1.61E-02
1331	CENSUS	0	373228.7	3764370	NonCancerChronicDerived_Inh	2.21E-04	2.78E-03	3.43E-05	2.65E-04	5.74E-07	2.22E-04	9.70E-03	2.21E-04	1.74E-05	0.00E+00	5.62E-07	3.08E-03	0.00E+00	0.00E+00	9.70E-03
1332	CENSUS	0	373570.9	3763152	NonCancerChronicDerived_Inh	4.46E-04	5.62E-03	6.90E-05	5.33E-04	1.48E-06	4.47E-04	1.96E-02	4.46E-04	6.91E-05	0.00E+00	1.46E-06	1.32E-02	0.00E+00	0.00E+00	1.96E-02
1333	CENSUS	0	374562.5	3762669	NonCancerChronicDerived_Inh	1.37E-05	1.77E-04	2.13E-06	1.69E-05	5.57E-07	1.43E-05	6.70E-04	1.37E-05	1.70E-05	0.00E+00	5.56E-07	1.99E-03	0.00E+00	0.00E+00	1.99E-03
1334	CENSUS	0	374586.4	3762717	NonCancerChronicDerived_Inh	1.30E-05	1.68E-04	2.02E-06	1.61E-05	5.51E-07	1.36E-05	6.39E-04	1.30E-05	1.68E-05	0.00E+00	5.50E-07	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1335	CENSUS	0	373224	3764274	NonCancerChronicDerived_Inh	2.31E-04	2.91E-03	3.58E-05	2.77E-04	7.19E-07	2.32E-04	1.02E-02	2.31E-04	2.17E-05	0.00E+00	7.07E-07	3.60E-03	0.00E+00	0.00E+00	1.02E-02
1336	CENSUS	0	373399.9	3763529	NonCancerChronicDerived_Inh	1.02E-03	1.28E-02	1.58E-04	1.22E-03	1.04E-05	1.03E-03	4.46E-02	1.02E-03	3.10E-04	0.00E+00	1.04E-05	3.98E-02	0.00E+00	0.00E+00	4.46E-02
1337	CENSUS	0	374207.1	3763730	NonCancerChronicDerived_Inh	1.94E-04	2.44E-03	3.00E-05	2.32E-04	5.46E-07	1.94E-04	8.51E-03	1.94E-04	1.41E-05	0.00E+00	5.36E-07	2.72E-03	0.00E+00	0.00E+00	8.51E-03
1338	CENSUS	0	374002.6	3763649	NonCancerChronicDerived_Inh	2.95E-04	3.71E-03	4.56E-05	3.53E-04	9.28E-07	2.96E-04	1.30E-02	2.95E-04	2.51E-05	0.00E+00	9.12E-07	4.56E-03	0.00E+00	0.00E+00	1.30E-02
1339	CENSUS	58	373923.7	3764375	NonCancerChronicDerived_Inh	1.66E-04	2.10E-03	2.58E-05	1.99E-04	3.94E-07	1.67E-04	7.31E-03	1.66E-04	1.14E-05	0.00E+00	3.85E-07	2.12E-03	0.00E+00	0.00E+00	7.31E-03
1340	CENSUS	0	373211.1	3763939	NonCancerChronicDerived_Inh	3.44E-04	4.33E-03	5.33E-05	4.12E-04	1.77E-06	3.45E-04	1.52E-02	3.44E-04	5.32E-05	0.00E+00	1.75E-06	7.66E-03	0.00E+00	0.00E+00	1.52E-02
1341	CENSUS	0	374739.8	3764202	NonCancerChronicDerived_Inh	1.64E-04	2.06E-03	2.54E-05	1.96E-04	4.11E-07	1.64E-04	7.20E-03	1.64E-04	1.15E-05	0.00E+00	4.02E-07	2.22E-03	0.00E+00	0.00E+00	7.20E-03
1342	CENSUS	0	374567.6	3763540	NonCancerChronicDerived_Inh	2.24E-04	2.82E-03	3.48E-05	2.68E-04	4.45E-07	2.25E-04	9.82E-03	2.24E-04	1.47E-05	0.00E+00	4.33E-07	3.02E-03	0.00E+00	0.00E+00	9.82E-03
1343	CENSUS	0	373553.1	3762847	NonCancerChronicDerived_Inh	1.32E-04	1.68E-03	2.05E-05	1.60E-04	1.83E-06	1.34E-04	5.99E-03	1.32E-04	6.24E-05	0.00E+00	1.82E-06	8.55E-03	0.00E+00	0.00E+00	8.55E-03
1344	CENSUS	0	373535	3762809	NonCancerChronicDerived_Inh	1.14E-04	1.45E-03	1.77E-05	1.37E-04	1.16E-06	1.15E-04	5.12E-03	1.14E-04	4.12E-05	0.00E+00	1.15E-06	6.01E-03	0.00E+00	0.00E+00	6.01E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1345	CENSUS	281	373791.6	3765248	NonCancerChronicDerived_Inh	5.39E-05	6.78E-04	8.36E-06	6.45E-05	1.54E-07	5.40E-05	2.37E-03	5.39E-05	4.63E-06	0.00E+00	1.51E-07	8.07E-04	0.00E+00	0.00E+00	2.37E-03
1346	CENSUS	28	373496.8	3765365	NonCancerChronicDerived_Inh	3.02E-05	3.79E-04	4.68E-06	3.61E-05	1.17E-07	3.03E-05	1.33E-03	3.01E-05	3.55E-06	0.00E+00	1.15E-07	5.66E-04	0.00E+00	0.00E+00	1.33E-03
1347	CENSUS	49	373469.1	3765289	NonCancerChronicDerived_Inh	3.46E-05	4.35E-04	5.36E-06	4.14E-05	1.28E-07	3.47E-05	1.52E-03	3.46E-05	3.88E-06	0.00E+00	1.26E-07	6.28E-04	0.00E+00	0.00E+00	1.52E-03
1348	CENSUS	42	373683.4	3765283	NonCancerChronicDerived_Inh	4.51E-05	5.67E-04	6.99E-06	5.40E-05	1.41E-07	4.52E-05	1.98E-03	4.51E-05	4.27E-06	0.00E+00	1.39E-07	7.24E-04	0.00E+00	0.00E+00	1.98E-03
1349	CENSUS	51	373675.1	3765195	NonCancerChronicDerived_Inh	5.48E-05	6.89E-04	8.50E-06	6.56E-05	1.57E-07	5.50E-05	2.41E-03	5.48E-05	4.76E-06	0.00E+00	1.55E-07	8.29E-04	0.00E+00	0.00E+00	2.41E-03
1350	CENSUS	63	373464.1	3765195	NonCancerChronicDerived_Inh	4.34E-05	5.46E-04	6.73E-06	5.20E-05	1.45E-07	4.36E-05	1.91E-03	4.34E-05	4.43E-06	0.00E+00	1.43E-07	7.34E-04	0.00E+00	0.00E+00	1.91E-03
1351	CENSUS	57	373658.4	3765109	NonCancerChronicDerived_Inh	6.60E-05	8.30E-04	1.02E-05	7.90E-05	1.75E-07	6.62E-05	2.90E-03	6.60E-05	5.31E-06	0.00E+00	1.72E-07	9.47E-04	0.00E+00	0.00E+00	2.90E-03
1352	CENSUS	61	373538.4	3765085	NonCancerChronicDerived_Inh	6.33E-05	7.96E-04	9.82E-06	7.57E-05	1.75E-07	6.35E-05	2.78E-03	6.33E-05	5.32E-06	0.00E+00	1.72E-07	9.36E-04	0.00E+00	0.00E+00	2.78E-03
1353	CENSUS	63	373553.3	3765033	NonCancerChronicDerived_Inh	7.33E-05	9.22E-04	1.14E-05	8.77E-05	1.90E-07	7.35E-05	3.22E-03	7.33E-05	5.78E-06	0.00E+00	1.86E-07	1.04E-03	0.00E+00	0.00E+00	3.22E-03
1354	CENSUS	93	373563	3764944	NonCancerChronicDerived_Inh	9.28E-05	1.17E-03	1.44E-05	1.11E-04	2.28E-07	9.31E-05	4.07E-03	9.28E-05	6.93E-06	0.00E+00	2.23E-07	1.27E-03	0.00E+00	0.00E+00	4.07E-03
1355	CENSUS	36	373327.1	3765246	NonCancerChronicDerived_Inh	3.17E-05	3.99E-04	4.91E-06	3.79E-05	1.27E-07	3.18E-05	1.40E-03	3.17E-05	3.87E-06	0.00E+00	1.25E-07	6.13E-04	0.00E+00	0.00E+00	1.40E-03
1356	CENSUS	7	373281.8	3765223	NonCancerChronicDerived_Inh	3.14E-05	3.95E-04	4.87E-06	3.76E-05	1.29E-07	3.15E-05	1.39E-03	3.14E-05	3.93E-06	0.00E+00	1.27E-07	6.18E-04	0.00E+00	0.00E+00	1.39E-03
1357	CENSUS	281	373157.1	3765299	NonCancerChronicDerived_Inh	2.23E-05	2.81E-04	3.46E-06	2.67E-05	1.07E-07	2.24E-05	9.86E-04	2.23E-05	3.26E-06	0.00E+00	1.06E-07	4.95E-04	0.00E+00	0.00E+00	9.86E-04
1358	CENSUS	165	373021.9	3765293	NonCancerChronicDerived_Inh	1.89E-05	2.38E-04	2.93E-06	2.27E-05	9.94E-08	1.90E-05	8.37E-04	1.89E-05	3.03E-06	0.00E+00	9.84E-08	4.51E-04	0.00E+00	0.00E+00	8.37E-04
1359	CENSUS	0	372873.5	3765268	NonCancerChronicDerived_Inh	1.65E-05	2.08E-04	2.56E-06	1.98E-05	9.36E-08	1.66E-05	7.33E-04	1.65E-05	2.84E-06	0.00E+00	9.27E-08	4.17E-04	0.00E+00	0.00E+00	7.33E-04
1360	CENSUS	0	372868.1	3765410	NonCancerChronicDerived_Inh	1.34E-05	1.68E-04	2.07E-06	1.60E-05	7.58E-08	1.34E-05	5.93E-04	1.34E-05	2.28E-06	0.00E+00	7.51E-08	3.36E-04	0.00E+00	0.00E+00	5.93E-04
1361	CENSUS	0	372829.3	3765399	NonCancerChronicDerived_Inh	1.31E-05	1.65E-04	2.03E-06	1.57E-05	7.51E-08	1.32E-05	5.82E-04	1.31E-05	2.26E-06	0.00E+00	7.44E-08	3.32E-04	0.00E+00	0.00E+00	5.82E-04
1362	CENSUS	0	372798.7	3765409	NonCancerChronicDerived_Inh	1.26E-05	1.59E-04	1.96E-06	1.52E-05	7.27E-08	1.27E-05	5.61E-04	1.26E-05	2.18E-06	0.00E+00	7.20E-08	3.21E-04	0.00E+00	0.00E+00	5.61E-04
1363	CENSUS	0	372822.8	3765083	NonCancerChronicDerived_Inh	2.17E-05	2.74E-04	3.37E-06	2.61E-05	1.25E-07	2.18E-05	9.64E-04	2.17E-05	3.83E-06	0.00E+00	1.24E-07	5.59E-04	0.00E+00	0.00E+00	9.64E-04
1364	CENSUS	219	373159.3	3765138	NonCancerChronicDerived_Inh	3.24E-05	4.08E-04	5.03E-06	3.88E-05	1.39E-07	3.26E-05	1.43E-03	3.24E-05	4.26E-06	0.00E+00	1.37E-07	6.63E-04	0.00E+00	0.00E+00	1.43E-03
1365	CENSUS	34	373100.9	3765105	NonCancerChronicDerived_Inh	3.22E-05	4.05E-04	4.99E-06	3.85E-05	1.43E-07	3.23E-05	1.42E-03	3.22E-05	4.38E-06	0.00E+00	1.41E-07	6.76E-04	0.00E+00	0.00E+00	1.42E-03
1366	CENSUS	0	372877	3765011	NonCancerChronicDerived_Inh	2.80E-05	3.53E-04	4.35E-06	3.36E-05	1.50E-07	2.82E-05	1.24E-03	2.80E-05	4.63E-06	0.00E+00	1.49E-07	6.84E-04	0.00E+00	0.00E+00	1.24E-03
1367	CENSUS	0	372787.6	3765009	NonCancerChronicDerived_Inh	2.44E-05	3.07E-04	3.78E-06	2.92E-05	1.44E-07	2.45E-05	1.08E-03	2.44E-05	4.41E-06	0.00E+00	1.42E-07	6.40E-04	0.00E+00	0.00E+00	1.08E-03
1368	CENSUS	86	375028.5	3763952	NonCancerChronicDerived_Inh	1.37E-04	1.72E-03	2.12E-05	1.63E-04	3.38E-07	1.37E-04	6.00E-03	1.37E-04	9.91E-06	0.00E+00	3.30E-07	1.92E-03	0.00E+00	0.00E+00	6.00E-03
1369	CENSUS	45	374938.3	3763776	NonCancerChronicDerived_Inh	1.19E-04	1.49E-03	1.84E-05	1.42E-04	2.85E-07	1.19E-04	5.20E-03	1.19E-04	8.49E-06	0.00E+00	2.79E-07	1.65E-03	0.00E+00	0.00E+00	5.20E-03
1370	CENSUS	312	375139.4	3763557	NonCancerChronicDerived_Inh	7.78E-05	9.79E-04	1.21E-05	9.31E-05	2.77E-07	7.81E-05	3.43E-03	7.78E-05	8.70E-06	0.00E+00	2.73E-07	1.46E-03	0.00E+00	0.00E+00	3.43E-03
1371	CENSUS	36	374915.5	3763494	NonCancerChronicDerived_Inh	9.05E-05	1.14E-03	1.40E-05	1.08E-04	2.76E-07	9.08E-05	3.98E-03	9.05E-05	8.65E-06	0.00E+00	2.71E-07	1.51E-03	0.00E+00	0.00E+00	3.98E-03
1372	CENSUS	38	374990.1	3763475	NonCancerChronicDerived_Inh	8.17E-05	1.03E-03	1.27E-05	9.78E-05	2.88E-07	8.20E-05	3.60E-03	8.17E-05	9.06E-06	0.00E+00	2.83E-07	1.51E-03	0.00E+00	0.00E+00	3.60E-03
1373	CENSUS	573	374849.3	3763917	NonCancerChronicDerived_Inh	1.38E-04	1.74E-03	2.14E-05	1.65E-04	3.46E-07	1.39E-04	6.07E-03	1.38E-04	9.81E-06	0.00E+00	3.38E-07	1.90E-03	0.00E+00	0.00E+00	6.07E-03
1374	CENSUS	115	374642.6	3763262	NonCancerChronicDerived_Inh	8.57E-05	1.08E-03	1.33E-05	1.03E-04	3.21E-07	8.60E-05	3.78E-03	8.57E-05	1.01E-05	0.00E+00	3.16E-07	1.65E-03	0.00E+00	0.00E+00	3.78E-03
1375	CENSUS	40	374737.6	3763481	NonCancerChronicDerived_Inh	1.15E-04	1.45E-03	1.78E-05	1.38E-04	2.80E-07	1.15E-04	5.05E-03	1.15E-04	8.86E-06	0.00E+00	2.74E-07	1.68E-03	0.00E+00	0.00E+00	5.05E-03
1376	CENSUS	249	374658.5	3762976	NonCancerChronicDerived_Inh	1.96E-05	2.50E-04	3.05E-06	2.38E-05	3.75E-07	2.00E-05	9.05E-04	1.96E-05	1.15E-05	0.00E+00	3.74E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
1377	CENSUS	188	374799.3	3763250	NonCancerChronicDerived_Inh	5.90E-05	7.44E-04	9.16E-06	7.08E-05	3.26E-07	5.94E-05	2.61E-03	5.90E-05	1.02E-05	0.00E+00	3.23E-07	1.51E-03	0.00E+00	0.00E+00	2.61E-03
1378	CENSUS	58	374819.5	3763469	NonCancerChronicDerived_Inh	1.01E-04	1.26E-03	1.56E-05	1.20E-04	2.82E-07	1.01E-04	4.42E-03	1.01E-04	8.88E-06	0.00E+00	2.76E-07	1.60E-03	0.00E+00	0.00E+00	4.42E-03
1379	CENSUS	0	374907.2	3763185	NonCancerChronicDerived_Inh	4.26E-05	5.37E-04	6.60E-06	5.12E-05	3.51E-07	4.29E-05	1.90E-03	4.26E-05	1.10E-05	0.00E+00	3.49E-07	1.53E-03	0.00E+00	0.00E+00	1.90E-03
1380	CENSUS	29	374018.1	3761062	NonCancerChronicDerived_Inh	7.62E-06	9.63E-05	1.18E-06	9.16E-06	7.15E-08	7.69E-06	3.42E-04	7.62E-06	2.14E-06	0.00E+00	7.11E-08	2.97E-04	0.00E+00	0.00E+00	3.42E-04
1381	CENSUS	29	373923	3761058	NonCancerChronicDerived_Inh	7.55E-06	9.55E-05	1.17E-06	9.09E-06	7.65E-08	7.63E-06	3.40E-04	7.55E-06	2.30E-06	0.00E+00	7.60E-08	3.15E-04	0.00E+00	0.00E+00	3.40E-04
1382	CENSUS	35	373820.9	3761065	NonCancerChronicDerived_Inh	7.47E-06	9.46E-05	1.16E-06	9.01E-06	8.36E-08	7.56E-06	3.38E-04	7.47E-06	2.52E-06	0.00E+00	8.32E-08	3.41E-04	0.00E+00	0.00E+00	3.41E-04
1383	CENSUS	47	373706	3761051	NonCancerChronicDerived_Inh	7.25E-06	9.19E-05	1.12E-06	8.75E-06	8.92E-08	7.35E-06	3.29E-04	7.25E-06	2.70E-06	0.00E+00	8.88E-08	3.60E-04	0.00E+00	0.00E+00	3.60E-04
1384	CENSUS	32	373605.3	3761063	NonCancerChronicDerived_Inh	7.13E-06	9.04E-05	1.11E-06	8.61E-06	9.46E-08	7.23E-06	3.24E-04	7.13E-06	2.86E-06	0.00E+00	9.42E-08	3.79E-04	0.00E+00	0.00E+00	3.79E-04
1385	CENSUS	7	373549.5	3761089	NonCancerChronicDerived_Inh	7.22E-06	9.15E-05	1.12E-06	8.71E-06	9.98E-08	7.32E-06	3.29E-04	7.22E-06	3.03E-06	0.00E+00	9.94E-08	3.99E-04	0.00E+00	0.00E+00	3.99E-04
1386	CENSUS	0	373507	3761025	NonCancerChronicDerived_Inh	6.87E-06	8.71E-05	1.06E-06	8.29E-06	9.44E-08	6.96E-06	3.13E-04	6.87E-06	2.86E-06	0.00E+00	9.41E-08	3.77E-04	0.00E+00	0.00E+00	3.77E-04
1387	CENSUS	8	373475.3	3761070	NonCancerChronicDerived_Inh	7.14E-06	9.06E-05	1.11E-06	8.63E-06	1.01E-07	7.25E-06	3.26E-04	7.14E-06	3.08E-06	0.00E+00	1.01E-07	4.05E-04	0.00E+00	0.00E+00	4.05E-04
1388	CENSUS	14	373533.3	3760999	NonCancerChronicDerived_Inh	6.78E-06	8.60E-05	1.05E-06	8.19E-06	9.13E-08	6.88E-06	3.09E-04	6.78E-06	2.76E-06	0.00E+00	9.10E-08	3.65E-04	0.00E+00	0.00E+00	3.65E-04
1389	CENSUS	2	373409.9	3761067	NonCancerChronicDerived_Inh	7.17E-06	9.09E-05	1.11E-06	8.66E-06	1.04E-07	7.27E-06	3.27E-04	7.17E-06	3.16E-06	0.00E+00	1.04E-07	4.15E-04	0.00E+00	0.00E+00	4.15E-04
1390	CENSUS	17	373395.3	3761068	NonCancerChronicDerived_Inh	7.19E-06	9.12E-05	1.11E-06	8.69E-06	1.05E-07	7.30E-06	3.28E-04	7.19E-06	3.19E-06	0.00E+00	1.04E-07	4.18E-04	0.00E+00	0.00E+00	4.18E-04
1391	CENSUS	8	373341.4	3761064	NonCancerChronicDerived_Inh	7.22E-06	9.16E-05	1.12E-06	8.72E-06	1.06E-07	7.33E-06	3.30E-04	7.22E-06	3.24E-06	0.00E+00	1.06E-07	4.25E-04	0.00E+00	0.00E+00	4.25E-04
1392	CENSUS	1	372462.7	3765415	NonCancerChronicDerived_Inh	1.05E-05	1.33E-04	1.63E-06	1.26E-05	6.09E-08	1.06E-05	4.68E-04	1.05E-05	1.81E-06	0.00E+00	6.03E-08	2.66E-04	0.00E+00	0.00E+00	4.68E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1393	CENSUS	0	372420.1	3765502	NonCancerChronicDerived_Inh	9.56E-06	1.21E-04	1.48E-06	1.15E-05	5.50E-08	9.62E-06	4.25E-04	9.56E-06	1.62E-06	0.00E+00	5.44E-08	2.40E-04	0.00E+00	0.00E+00	4.25E-04
1394	CENSUS	0	372381.5	3765473	NonCancerChronicDerived_Inh	9.66E-06	1.22E-04	1.50E-06	1.16E-05	5.58E-08	9.72E-06	4.29E-04	9.66E-06	1.65E-06	0.00E+00	5.53E-08	2.43E-04	0.00E+00	0.00E+00	4.29E-04
1395	CENSUS	0	372325.7	3765515	NonCancerChronicDerived_Inh	9.11E-06	1.15E-04	1.41E-06	1.09E-05	5.28E-08	9.17E-06	4.05E-04	9.11E-06	1.56E-06	0.00E+00	5.23E-08	2.30E-04	0.00E+00	0.00E+00	4.05E-04
1396	CENSUS	0	372221.5	3765533	NonCancerChronicDerived_Inh	8.59E-06	1.08E-04	1.33E-06	1.03E-05	5.09E-08	8.64E-06	3.82E-04	8.59E-06	1.50E-06	0.00E+00	5.05E-08	2.20E-04	0.00E+00	0.00E+00	3.82E-04
1397	CENSUS	0	372123.8	3765552	NonCancerChronicDerived_Inh	8.11E-06	1.02E-04	1.26E-06	9.73E-06	4.93E-08	8.16E-06	3.61E-04	8.11E-06	1.44E-06	0.00E+00	4.88E-08	2.12E-04	0.00E+00	0.00E+00	3.61E-04
1398	CENSUS	52	372049.8	3765430	NonCancerChronicDerived_Inh	8.72E-06	1.10E-04	1.35E-06	1.05E-05	5.41E-08	8.78E-06	3.88E-04	8.72E-06	1.59E-06	0.00E+00	5.36E-08	2.32E-04	0.00E+00	0.00E+00	3.88E-04
1399	CENSUS	357	371834.3	3765189	NonCancerChronicDerived_Inh	9.66E-06	1.22E-04	1.50E-06	1.16E-05	6.54E-08	9.73E-06	4.31E-04	9.66E-06	1.93E-06	0.00E+00	6.49E-08	2.77E-04	0.00E+00	0.00E+00	4.31E-04
1400	CENSUS	34	371751.7	3765300	NonCancerChronicDerived_Inh	8.52E-06	1.08E-04	1.32E-06	1.02E-05	5.85E-08	8.59E-06	3.80E-04	8.52E-06	1.72E-06	0.00E+00	5.81E-08	2.47E-04	0.00E+00	0.00E+00	3.80E-04
1401	CENSUS	38	371719.6	3765252	NonCancerChronicDerived_Inh	8.57E-06	1.08E-04	1.33E-06	1.03E-05	6.09E-08	8.63E-06	3.82E-04	8.57E-06	1.79E-06	0.00E+00	6.04E-08	2.55E-04	0.00E+00	0.00E+00	3.82E-04
1402	CENSUS	0	372407	3765342	NonCancerChronicDerived_Inh	1.10E-05	1.38E-04	1.70E-06	1.31E-05	6.37E-08	1.10E-05	4.87E-04	1.10E-05	1.89E-06	0.00E+00	6.31E-08	2.78E-04	0.00E+00	0.00E+00	4.87E-04
1403	CENSUS	0	372195.6	3765359	NonCancerChronicDerived_Inh	9.70E-06	1.22E-04	1.50E-06	1.16E-05	5.90E-08	9.76E-06	4.32E-04	9.70E-06	1.74E-06	0.00E+00	5.85E-08	2.55E-04	0.00E+00	0.00E+00	4.32E-04
1404	CENSUS	0	372209.9	3765471	NonCancerChronicDerived_Inh	8.94E-06	1.13E-04	1.39E-06	1.07E-05	5.36E-08	9.00E-06	3.98E-04	8.94E-06	1.58E-06	0.00E+00	5.31E-08	2.32E-04	0.00E+00	0.00E+00	3.98E-04
1405	CENSUS	0	372318.3	3765472	NonCancerChronicDerived_Inh	9.40E-06	1.19E-04	1.46E-06	1.13E-05	5.48E-08	9.46E-06	4.18E-04	9.40E-06	1.62E-06	0.00E+00	5.42E-08	2.38E-04	0.00E+00	0.00E+00	4.18E-04
1406	CENSUS	30	371687.3	3765205	NonCancerChronicDerived_Inh	8.61E-06	1.09E-04	1.34E-06	1.03E-05	6.33E-08	8.68E-06	3.85E-04	8.61E-06	1.86E-06	0.00E+00	6.28E-08	2.64E-04	0.00E+00	0.00E+00	3.85E-04
1407	CENSUS	37	371656.4	3765155	NonCancerChronicDerived_Inh	8.72E-06	1.10E-04	1.35E-06	1.05E-05	6.60E-08	8.78E-06	3.90E-04	8.71E-06	1.95E-06	0.00E+00	6.55E-08	2.74E-04	0.00E+00	0.00E+00	3.90E-04
1408	CENSUS	0	372554.2	3765547	NonCancerChronicDerived_Inh	9.64E-06	1.21E-04	1.49E-06	1.16E-05	5.54E-08	9.69E-06	4.28E-04	9.63E-06	1.64E-06	0.00E+00	5.49E-08	2.42E-04	0.00E+00	0.00E+00	4.28E-04
1409	CENSUS	0	372606	3765678	NonCancerChronicDerived_Inh	8.77E-06	1.11E-04	1.36E-06	1.05E-05	5.04E-08	8.82E-06	3.90E-04	8.77E-06	1.49E-06	0.00E+00	4.99E-08	2.20E-04	0.00E+00	0.00E+00	3.90E-04
1410	CENSUS	0	372396.9	3765534	NonCancerChronicDerived_Inh	9.23E-06	1.16E-04	1.43E-06	1.11E-05	5.30E-08	9.28E-06	4.10E-04	9.23E-06	1.56E-06	0.00E+00	5.25E-08	2.31E-04	0.00E+00	0.00E+00	4.10E-04
1411	CENSUS	0	372360.3	3765572	NonCancerChronicDerived_Inh	8.82E-06	1.11E-04	1.37E-06	1.06E-05	5.07E-08	8.88E-06	3.92E-04	8.82E-06	1.49E-06	0.00E+00	5.02E-08	2.21E-04	0.00E+00	0.00E+00	3.92E-04
1412	CENSUS	0	372721.1	3765447	NonCancerChronicDerived_Inh	1.14E-05	1.44E-04	1.77E-06	1.37E-05	6.58E-08	1.15E-05	5.08E-04	1.14E-05	1.97E-06	0.00E+00	6.52E-08	2.89E-04	0.00E+00	0.00E+00	5.08E-04
1413	CENSUS	0	372799.3	3765492	NonCancerChronicDerived_Inh	1.14E-05	1.44E-04	1.77E-06	1.37E-05	6.50E-08	1.15E-05	5.07E-04	1.14E-05	1.94E-06	0.00E+00	6.44E-08	2.87E-04	0.00E+00	0.00E+00	5.07E-04
1414	CENSUS	0	372770.7	3765454	NonCancerChronicDerived_Inh	1.17E-05	1.47E-04	1.81E-06	1.40E-05	6.69E-08	1.18E-05	5.19E-04	1.17E-05	2.00E-06	0.00E+00	6.63E-08	2.95E-04	0.00E+00	0.00E+00	5.19E-04
1415	CENSUS	662	371497.6	3764797	NonCancerChronicDerived_Inh	1.06E-05	1.34E-04	1.65E-06	1.28E-05	9.17E-08	1.07E-05	4.76E-04	1.06E-05	2.73E-06	0.00E+00	9.11E-08	3.75E-04	0.00E+00	0.00E+00	4.76E-04
1416	CENSUS	773	371396.8	3764431	NonCancerChronicDerived_Inh	1.38E-05	1.75E-04	2.15E-06	1.67E-05	1.33E-07	1.40E-05	6.22E-04	1.38E-05	3.99E-06	0.00E+00	1.32E-07	5.38E-04	0.00E+00	0.00E+00	6.22E-04
1417	CENSUS	166	371309.1	3764308	NonCancerChronicDerived_Inh	1.42E-05	1.80E-04	2.20E-06	1.71E-05	1.38E-07	1.44E-05	6.39E-04	1.42E-05	4.14E-06	0.00E+00	1.37E-07	5.57E-04	0.00E+00	0.00E+00	6.39E-04
1418	CENSUS	106	371226.4	3764019	NonCancerChronicDerived_Inh	1.54E-05	1.94E-04	2.38E-06	1.85E-05	1.55E-07	1.55E-05	6.92E-04	1.54E-05	4.64E-06	0.00E+00	1.54E-07	6.22E-04	0.00E+00	0.00E+00	6.92E-04
1419	CENSUS	110	371078.9	3764147	NonCancerChronicDerived_Inh	1.28E-05	1.62E-04	1.99E-06	1.55E-05	1.27E-07	1.30E-05	5.78E-04	1.28E-05	3.78E-06	0.00E+00	1.26E-07	5.10E-04	0.00E+00	0.00E+00	5.78E-04
1420	CENSUS	85	371094.6	3764225	NonCancerChronicDerived_Inh	1.26E-05	1.59E-04	1.95E-06	1.51E-05	1.22E-07	1.27E-05	5.65E-04	1.26E-05	3.64E-06	0.00E+00	1.22E-07	4.92E-04	0.00E+00	0.00E+00	5.65E-04
1421	CENSUS	70	371153.4	3764282	NonCancerChronicDerived_Inh	1.28E-05	1.61E-04	1.98E-06	1.53E-05	1.23E-07	1.29E-05	5.73E-04	1.27E-05	3.67E-06	0.00E+00	1.22E-07	4.96E-04	0.00E+00	0.00E+00	5.73E-04
1422	CENSUS	102	371233.9	3764297	NonCancerChronicDerived_Inh	1.35E-05	1.70E-04	2.09E-06	1.62E-05	1.30E-07	1.36E-05	6.05E-04	1.35E-05	3.89E-06	0.00E+00	1.29E-07	5.25E-04	0.00E+00	0.00E+00	6.05E-04
1423	CENSUS	0	372713.9	3765399	NonCancerChronicDerived_Inh	1.20E-05	1.52E-04	1.86E-06	1.44E-05	6.94E-08	1.21E-05	5.34E-04	1.20E-05	2.08E-06	0.00E+00	6.88E-08	3.06E-04	0.00E+00	0.00E+00	5.34E-04
1424	CENSUS	0	372586.7	3765375	NonCancerChronicDerived_Inh	1.15E-05	1.45E-04	1.78E-06	1.38E-05	6.64E-08	1.16E-05	5.10E-04	1.15E-05	1.98E-06	0.00E+00	6.58E-08	2.91E-04	0.00E+00	0.00E+00	5.10E-04
1425	CENSUS	0	372480.2	3765352	NonCancerChronicDerived_Inh	1.12E-05	1.41E-04	1.74E-06	1.35E-05	6.49E-08	1.13E-05	4.98E-04	1.12E-05	1.93E-06	0.00E+00	6.42E-08	2.84E-04	0.00E+00	0.00E+00	4.98E-04
1426	CENSUS	0	372531.9	3765339	NonCancerChronicDerived_Inh	1.17E-05	1.47E-04	1.81E-06	1.40E-05	6.76E-08	1.17E-05	5.18E-04	1.17E-05	2.02E-06	0.00E+00	6.69E-08	2.96E-04	0.00E+00	0.00E+00	5.18E-04
1427	CENSUS	0	372642.3	3765257	NonCancerChronicDerived_Inh	1.37E-05	1.73E-04	2.12E-06	1.64E-05	8.11E-08	1.38E-05	6.08E-04	1.37E-05	2.44E-06	0.00E+00	8.03E-08	3.56E-04	0.00E+00	0.00E+00	6.08E-04
1428	CENSUS	0	372416.3	3765153	NonCancerChronicDerived_Inh	1.43E-05	1.80E-04	2.22E-06	1.71E-05	9.00E-08	1.44E-05	6.35E-04	1.43E-05	2.71E-06	0.00E+00	8.92E-08	3.91E-04	0.00E+00	0.00E+00	6.35E-04
1429	CENSUS	0	372217.1	3765220	NonCancerChronicDerived_Inh	1.12E-05	1.42E-04	1.74E-06	1.35E-05	6.99E-08	1.13E-05	5.00E-04	1.12E-05	2.08E-06	0.00E+00	6.93E-08	3.02E-04	0.00E+00	0.00E+00	5.00E-04
1430	CENSUS	212	372450.8	3764735	NonCancerChronicDerived_Inh	3.31E-05	4.17E-04	5.13E-06	3.97E-05	2.26E-07	3.33E-05	1.47E-03	3.31E-05	6.90E-06	0.00E+00	2.24E-07	9.65E-04	0.00E+00	0.00E+00	1.47E-03
1431	CENSUS	0	372036.2	3764782	NonCancerChronicDerived_Inh	1.80E-05	2.27E-04	2.79E-06	2.16E-05	1.41E-07	1.81E-05	8.04E-04	1.80E-05	4.28E-06	0.00E+00	1.40E-07	5.92E-04	0.00E+00	0.00E+00	8.04E-04
1432	CENSUS	0	372034.9	3764706	NonCancerChronicDerived_Inh	1.99E-05	2.51E-04	3.09E-06	2.39E-05	1.73E-07	2.01E-05	8.91E-04	1.99E-05	5.29E-06	0.00E+00	1.72E-07	7.18E-04	0.00E+00	0.00E+00	8.91E-04
1433	CENSUS	62	372915.7	3764767	NonCancerChronicDerived_Inh	7.96E-05	1.00E-03	1.24E-05	9.53E-05	2.69E-07	7.99E-05	3.50E-03	7.96E-05	8.39E-06	0.00E+00	2.65E-07	1.39E-03	0.00E+00	0.00E+00	3.50E-03
1434	CENSUS	65	372537.7	3764939	NonCancerChronicDerived_Inh	2.46E-05	3.09E-04	3.81E-06	2.94E-05	1.35E-07	2.47E-05	1.09E-03	2.46E-05	4.14E-06	0.00E+00	1.34E-07	6.09E-04	0.00E+00	0.00E+00	1.09E-03
1435	CENSUS	73	372932.7	3764692	NonCancerChronicDerived_Inh	1.24E-04	1.55E-03	1.92E-05	1.48E-04	3.22E-07	1.24E-04	5.42E-03	1.24E-04	1.00E-05	0.00E+00	3.16E-07	1.80E-03	0.00E+00	0.00E+00	5.42E-03
1436	CENSUS	100	373106.8	3764954	NonCancerChronicDerived_Inh	5.28E-05	6.64E-04	8.19E-06	6.32E-05	1.89E-07	5.30E-05	2.32E-03	5.28E-05	5.85E-06	0.00E+00	1.86E-07	9.50E-04	0.00E+00	0.00E+00	2.32E-03
1437	CENSUS	0	372965.9	3765052	NonCancerChronicDerived_Inh	2.94E-05	3.70E-04	4.56E-06	3.52E-05	1.46E-07	2.95E-05	1.30E-03	2.94E-05	4.49E-06	0.00E+00	1.44E-07	6.75E-04	0.00E+00	0.00E+00	1.30E-03
1438	CENSUS	0	373142.4	3764462	NonCancerChronicDerived_Inh	2.35E-04	2.96E-03	3.64E-05	2.81E-04	5.35E-07	2.36E-04	1.03E-02	2.35E-04	1.63E-05	0.00E+00	5.22E-07	3.03E-03	0.00E+00	0.00E+00	1.03E-02
1439	CENSUS	0	373121.6	3764677	NonCancerChronicDerived_Inh	1.58E-04	1.98E-03	2.45E-05	1.89E-04	3.36E-07	1.58E-04	6.91E-03	1.58E-04	1.03E-05	0.00E+00	3.27E-07	1.99E-03	0.00E+00	0.00E+00	6.91E-03
1440	CENSUS	0	373197.2	3764355	NonCancerChronicDerived_Inh	2.30E-04	2.90E-03	3.57E-05	2.76E-04	5.95E-07	2.31E-04	1.01E-02	2.30E-04	1.80E-05	0.00E+00	5.82E-07	3.19E-03	0.00E+00	0.00E+00	1.01E-02

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1441	CENSUS	0	373178.1	3764352	NonCancerChronicDerived_Inh	2.37E-04	2.98E-03	3.67E-05	2.83E-04	6.06E-07	2.37E-04	1.04E-02	2.37E-04	1.84E-05	0.00E+00	5.93E-07	3.26E-03	0.00E+00	0.00E+00	1.04E-02
1442	CENSUS	0	372846.7	3764410	NonCancerChronicDerived_Inh	4.27E-04	5.36E-03	6.62E-05	5.10E-04	8.73E-07	4.28E-04	1.87E-02	4.27E-04	2.69E-05	0.00E+00	8.50E-07	5.22E-03	0.00E+00	0.00E+00	1.87E-02
1443	CENSUS	143	372012	3764401	NonCancerChronicDerived_Inh	3.15E-05	4.00E-04	4.89E-06	3.82E-05	5.63E-07	3.21E-05	1.44E-03	3.15E-05	1.73E-05	0.00E+00	5.62E-07	2.13E-03	0.00E+00	0.00E+00	2.13E-03
1444	CENSUS	0	371721.1	3764326	NonCancerChronicDerived_Inh	2.14E-05	2.71E-04	3.33E-06	2.58E-05	2.39E-07	2.17E-05	9.67E-04	2.14E-05	7.31E-06	0.00E+00	2.38E-07	9.58E-04	0.00E+00	0.00E+00	9.67E-04
1445	CENSUS	0	371870.6	3764729	NonCancerChronicDerived_Inh	1.53E-05	1.93E-04	2.37E-06	1.84E-05	1.31E-07	1.54E-05	6.85E-04	1.53E-05	3.97E-06	0.00E+00	1.30E-07	5.43E-04	0.00E+00	0.00E+00	6.85E-04
1446	CENSUS	149	372926.7	3764909	NonCancerChronicDerived_Inh	4.29E-05	5.39E-04	6.65E-06	5.14E-05	1.93E-07	4.30E-05	1.89E-03	4.29E-05	5.97E-06	0.00E+00	1.90E-07	9.17E-04	0.00E+00	0.00E+00	1.89E-03
1447	CENSUS	61	371808.5	3763959	NonCancerChronicDerived_Inh	3.23E-05	4.09E-04	5.01E-06	3.89E-05	3.37E-07	3.27E-05	1.45E-03	3.23E-05	1.03E-05	0.00E+00	3.35E-07	1.36E-03	0.00E+00	0.00E+00	1.45E-03
1448	CENSUS	147	371771.9	3764094	NonCancerChronicDerived_Inh	2.83E-05	3.58E-04	4.38E-06	3.40E-05	3.06E-07	2.86E-05	1.27E-03	2.83E-05	9.39E-06	0.00E+00	3.05E-07	1.24E-03	0.00E+00	0.00E+00	1.27E-03
1449	CENSUS	0	372364.4	3765331	NonCancerChronicDerived_Inh	1.08E-05	1.37E-04	1.68E-06	1.30E-05	6.34E-08	1.09E-05	4.82E-04	1.08E-05	1.88E-06	0.00E+00	6.29E-08	2.77E-04	0.00E+00	0.00E+00	4.82E-04
1450	CENSUS	0	372104.9	3765282	NonCancerChronicDerived_Inh	1.01E-05	1.27E-04	1.56E-06	1.21E-05	6.23E-08	1.01E-05	4.48E-04	1.01E-05	1.84E-06	0.00E+00	6.18E-08	2.68E-04	0.00E+00	0.00E+00	4.48E-04
1451	CENSUS	0	371894.5	3765089	NonCancerChronicDerived_Inh	1.09E-05	1.38E-04	1.70E-06	1.31E-05	7.46E-08	1.10E-05	4.88E-04	1.09E-05	2.22E-06	0.00E+00	7.40E-08	3.17E-04	0.00E+00	0.00E+00	4.88E-04
1452	CENSUS	0	371846.6	3765019	NonCancerChronicDerived_Inh	1.11E-05	1.40E-04	1.72E-06	1.33E-05	8.01E-08	1.12E-05	4.95E-04	1.11E-05	2.39E-06	0.00E+00	7.95E-08	3.38E-04	0.00E+00	0.00E+00	4.95E-04
1453	CENSUS	0	372067.9	3765218	NonCancerChronicDerived_Inh	1.07E-05	1.35E-04	1.66E-06	1.28E-05	6.66E-08	1.07E-05	4.75E-04	1.07E-05	1.97E-06	0.00E+00	6.60E-08	2.86E-04	0.00E+00	0.00E+00	4.75E-04
1454	CENSUS	0	372351.2	3765313	NonCancerChronicDerived_Inh	1.10E-05	1.38E-04	1.70E-06	1.31E-05	6.45E-08	1.10E-05	4.87E-04	1.10E-05	1.92E-06	0.00E+00	6.39E-08	2.81E-04	0.00E+00	0.00E+00	4.87E-04
1455	CENSUS	0	371808.9	3764952	NonCancerChronicDerived_Inh	1.14E-05	1.44E-04	1.77E-06	1.37E-05	8.63E-08	1.15E-05	5.09E-04	1.14E-05	2.58E-06	0.00E+00	8.57E-08	3.61E-04	0.00E+00	0.00E+00	5.09E-04
1456	CENSUS	11	371665.4	3764558	NonCancerChronicDerived_Inh	1.55E-05	1.96E-04	2.40E-06	1.87E-05	1.54E-07	1.57E-05	6.97E-04	1.55E-05	4.65E-06	0.00E+00	1.53E-07	6.21E-04	0.00E+00	0.00E+00	6.97E-04
1457	CENSUS	0	371696.2	3764882	NonCancerChronicDerived_Inh	1.11E-05	1.40E-04	1.72E-06	1.33E-05	8.97E-08	1.12E-05	4.96E-04	1.11E-05	2.68E-06	0.00E+00	8.91E-08	3.71E-04	0.00E+00	0.00E+00	4.96E-04
1458	CENSUS	0	371407.9	3763954	NonCancerChronicDerived_Inh	1.89E-05	2.39E-04	2.93E-06	2.28E-05	1.92E-07	1.91E-05	8.51E-04	1.89E-05	5.78E-06	0.00E+00	1.91E-07	7.72E-04	0.00E+00	0.00E+00	8.51E-04
1459	CENSUS	0	371540.5	3764003	NonCancerChronicDerived_Inh	2.16E-05	2.74E-04	3.36E-06	2.61E-05	2.21E-07	2.19E-05	9.74E-04	2.16E-05	6.72E-06	0.00E+00	2.20E-07	8.94E-04	0.00E+00	0.00E+00	9.74E-04
1460	CENSUS	0	371584.4	3764105	NonCancerChronicDerived_Inh	2.16E-05	2.73E-04	3.35E-06	2.60E-05	2.23E-07	2.18E-05	9.73E-04	2.16E-05	6.79E-06	0.00E+00	2.22E-07	9.01E-04	0.00E+00	0.00E+00	9.73E-04
1461	CENSUS	0	371637.8	3764227	NonCancerChronicDerived_Inh	2.11E-05	2.67E-04	3.28E-06	2.55E-05	2.23E-07	2.14E-05	9.52E-04	2.11E-05	6.81E-06	0.00E+00	2.22E-07	9.00E-04	0.00E+00	0.00E+00	9.52E-04
1462	CENSUS	0	371179.4	3763767	NonCancerChronicDerived_Inh	1.60E-05	2.03E-04	2.49E-06	1.93E-05	1.65E-07	1.62E-05	7.23E-04	1.60E-05	4.94E-06	0.00E+00	1.65E-07	6.60E-04	0.00E+00	0.00E+00	7.23E-04
1463	CENSUS	0	371475.3	3763853	NonCancerChronicDerived_Inh	2.12E-05	2.68E-04	3.28E-06	2.55E-05	2.16E-07	2.14E-05	9.53E-04	2.12E-05	6.53E-06	0.00E+00	2.15E-07	8.71E-04	0.00E+00	0.00E+00	9.53E-04
1464	CENSUS	0	371403.4	3763688	NonCancerChronicDerived_Inh	2.05E-05	2.59E-04	3.18E-06	2.47E-05	2.09E-07	2.07E-05	9.24E-04	2.05E-05	6.29E-06	0.00E+00	2.08E-07	8.40E-04	0.00E+00	0.00E+00	9.24E-04
1465	CENSUS	0	371335.7	3763735	NonCancerChronicDerived_Inh	1.88E-05	2.38E-04	2.92E-06	2.27E-05	1.93E-07	1.90E-05	8.48E-04	1.88E-05	5.80E-06	0.00E+00	1.92E-07	7.74E-04	0.00E+00	0.00E+00	8.48E-04
1466	CENSUS	115	371224.4	3763694	NonCancerChronicDerived_Inh	1.71E-05	2.16E-04	2.65E-06	2.05E-05	1.76E-07	1.72E-05	7.69E-04	1.71E-05	5.26E-06	0.00E+00	1.75E-07	7.03E-04	0.00E+00	0.00E+00	7.69E-04
1467	CENSUS	0	371271.3	3763627	NonCancerChronicDerived_Inh	1.82E-05	2.30E-04	2.81E-06	2.19E-05	1.87E-07	1.83E-05	8.18E-04	1.82E-05	5.58E-06	0.00E+00	1.86E-07	7.47E-04	0.00E+00	0.00E+00	8.18E-04
1468	CENSUS	0	371316.1	3763579	NonCancerChronicDerived_Inh	1.92E-05	2.43E-04	2.98E-06	2.31E-05	1.96E-07	1.94E-05	8.65E-04	1.92E-05	5.87E-06	0.00E+00	1.95E-07	7.86E-04	0.00E+00	0.00E+00	8.65E-04
1469	CENSUS	0	371342.9	3763554	NonCancerChronicDerived_Inh	1.98E-05	2.51E-04	3.08E-06	2.39E-05	2.02E-07	2.00E-05	8.94E-04	1.98E-05	6.04E-06	0.00E+00	2.01E-07	8.09E-04	0.00E+00	0.00E+00	8.94E-04
1470	CENSUS	153	371392.5	3763489	NonCancerChronicDerived_Inh	2.12E-05	2.68E-04	3.28E-06	2.55E-05	2.13E-07	2.14E-05	9.53E-04	2.12E-05	6.37E-06	0.00E+00	2.12E-07	8.55E-04	0.00E+00	0.00E+00	9.53E-04
1471	CENSUS	250	371449.6	3763636	NonCancerChronicDerived_Inh	2.19E-05	2.77E-04	3.40E-06	2.64E-05	2.21E-07	2.21E-05	9.86E-04	2.19E-05	6.66E-06	0.00E+00	2.20E-07	8.90E-04	0.00E+00	0.00E+00	9.86E-04
1472	CENSUS	357	371572	3763501	NonCancerChronicDerived_Inh	2.60E-05	3.29E-04	4.04E-06	3.13E-05	2.53E-07	2.63E-05	1.17E-03	2.60E-05	7.60E-06	0.00E+00	2.51E-07	1.02E-03	0.00E+00	0.00E+00	1.17E-03
1473	CENSUS	267	371498.2	3763457	NonCancerChronicDerived_Inh	2.39E-05	3.03E-04	3.71E-06	2.88E-05	2.35E-07	2.42E-05	1.08E-03	2.39E-05	7.06E-06	0.00E+00	2.34E-07	9.48E-04	0.00E+00	0.00E+00	1.08E-03
1474	CENSUS	103	371503.1	3763332	NonCancerChronicDerived_Inh	2.42E-05	3.06E-04	3.75E-06	2.91E-05	2.35E-07	2.44E-05	1.09E-03	2.42E-05	7.03E-06	0.00E+00	2.34E-07	9.48E-04	0.00E+00	0.00E+00	1.09E-03
1475	CENSUS	0	371452.8	3763325	NonCancerChronicDerived_Inh	2.29E-05	2.89E-04	3.55E-06	2.76E-05	2.25E-07	2.31E-05	1.03E-03	2.29E-05	6.72E-06	0.00E+00	2.24E-07	9.05E-04	0.00E+00	0.00E+00	1.03E-03
1476	CENSUS	0	371530.7	3763261	NonCancerChronicDerived_Inh	2.49E-05	3.15E-04	3.86E-06	3.00E-05	2.39E-07	2.51E-05	1.12E-03	2.49E-05	7.15E-06	0.00E+00	2.38E-07	9.66E-04	0.00E+00	0.00E+00	1.12E-03
1477	CENSUS	0	371503.4	3763264	NonCancerChronicDerived_Inh	2.42E-05	3.06E-04	3.75E-06	2.91E-05	2.34E-07	2.44E-05	1.09E-03	2.42E-05	6.98E-06	0.00E+00	2.32E-07	9.43E-04	0.00E+00	0.00E+00	1.09E-03
1478	CENSUS	0	371545.2	3763238	NonCancerChronicDerived_Inh	2.53E-05	3.20E-04	3.92E-06	3.04E-05	2.41E-07	2.55E-05	1.14E-03	2.53E-05	7.21E-06	0.00E+00	2.40E-07	9.76E-04	0.00E+00	0.00E+00	1.14E-03
1479	CENSUS	0	371560	3763253	NonCancerChronicDerived_Inh	2.57E-05	3.25E-04	3.99E-06	3.10E-05	2.45E-07	2.60E-05	1.16E-03	2.57E-05	7.33E-06	0.00E+00	2.44E-07	9.91E-04	0.00E+00	0.00E+00	1.16E-03
1480	CENSUS	536	371659.9	3763977	NonCancerChronicDerived_Inh	2.56E-05	3.23E-04	3.96E-06	3.08E-05	2.64E-07	2.58E-05	1.15E-03	2.56E-05	8.07E-06	0.00E+00	2.63E-07	1.07E-03	0.00E+00	0.00E+00	1.15E-03
1481	CENSUS	6	371574.4	3764046	NonCancerChronicDerived_Inh	2.21E-05	2.79E-04	3.43E-06	2.66E-05	2.27E-07	2.23E-05	9.94E-04	2.21E-05	6.90E-06	0.00E+00	2.26E-07	9.18E-04	0.00E+00	0.00E+00	9.94E-04
1482	CENSUS	28	371626.8	3763778	NonCancerChronicDerived_Inh	2.63E-05	3.33E-04	4.08E-06	3.17E-05	2.64E-07	2.66E-05	1.18E-03	2.63E-05	8.02E-06	0.00E+00	2.63E-07	1.07E-03	0.00E+00	0.00E+00	1.18E-03
1483	CENSUS	428	371569	3763726	NonCancerChronicDerived_Inh	2.47E-05	3.13E-04	3.84E-06	2.98E-05	2.48E-07	2.50E-05	1.11E-03	2.47E-05	7.52E-06	0.00E+00	2.47E-07	1.00E-03	0.00E+00	0.00E+00	1.11E-03
1484	CENSUS	45	371610.3	3763757	NonCancerChronicDerived_Inh	2.59E-05	3.27E-04	4.01E-06	3.12E-05	2.60E-07	2.62E-05	1.16E-03	2.59E-05	7.88E-06	0.00E+00	2.58E-07	1.05E-03	0.00E+00	0.00E+00	1.16E-03
1485	CENSUS	277	371558.3	3763797	NonCancerChronicDerived_Inh	2.39E-05	3.02E-04	3.70E-06	2.87E-05	2.42E-07	2.41E-05	1.07E-03	2.39E-05	7.34E-06	0.00E+00	2.41E-07	9.77E-04	0.00E+00	0.00E+00	1.07E-03
1486	CENSUS	38	371772.5	3763855	NonCancerChronicDerived_Inh	3.18E-05	4.02E-04	4.93E-06	3.83E-05	3.19E-07	3.21E-05	1.43E-03	3.18E-05	9.75E-06	0.00E+00	3.17E-07	1.30E-03	0.00E+00	0.00E+00	1.43E-03
1487	CENSUS	136	371586.9	3763605	NonCancerChronicDerived_Inh	2.61E-05	3.30E-04	4.05E-06	3.14E-05	2.56E-07	2.64E-05	1.17E-03	2.61E-05	7.74E-06	0.00E+00	2.55E-07	1.04E-03	0.00E+00	0.00E+00	1.17E-03
1488	CENSUS	52	371497.6	3763698	NonCancerChronicDerived_Inh	2.28E-05	2.88E-04	3.54E-06	2.75E-05	2.30E-07	2.30E-05	1.03E-03	2.28E-05	6.95E-06	0.00E+00	2.29E-07	9.28E-04	0.00E+00	0.00E+00	1.03E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1489	CENSUS	38	371474	3763778	NonCancerChronicDerived_Inh	2.16E-05	2.74E-04	3.36E-06	2.61E-05	2.21E-07	2.19E-05	9.74E-04	2.16E-05	6.66E-06	0.00E+00	2.20E-07	8.88E-04	0.00E+00	0.00E+00	9.74E-04
1490	CENSUS	196	371506.4	3763830	NonCancerChronicDerived_Inh	2.21E-05	2.80E-04	3.43E-06	2.67E-05	2.26E-07	2.24E-05	9.96E-04	2.21E-05	6.83E-06	0.00E+00	2.25E-07	9.10E-04	0.00E+00	0.00E+00	9.96E-04
1491	CENSUS	114	372064.5	3762985	NonCancerChronicDerived_Inh	4.18E-05	5.29E-04	6.49E-06	5.03E-05	3.63E-07	4.22E-05	1.87E-03	4.18E-05	1.10E-05	0.00E+00	3.60E-07	1.51E-03	0.00E+00	0.00E+00	1.87E-03
1492	CENSUS	0	371858.3	3762941	NonCancerChronicDerived_Inh	3.20E-05	4.05E-04	4.96E-06	3.85E-05	2.85E-07	3.23E-05	1.44E-03	3.20E-05	8.53E-06	0.00E+00	2.83E-07	1.17E-03	0.00E+00	0.00E+00	1.44E-03
1493	CENSUS	75	371944.5	3762964	NonCancerChronicDerived_Inh	3.60E-05	4.55E-04	5.58E-06	4.33E-05	3.19E-07	3.63E-05	1.61E-03	3.60E-05	9.62E-06	0.00E+00	3.17E-07	1.32E-03	0.00E+00	0.00E+00	1.61E-03
1494	CENSUS	40	371655.6	3763154	NonCancerChronicDerived_Inh	2.82E-05	3.57E-04	4.38E-06	3.40E-05	2.60E-07	2.85E-05	1.27E-03	2.82E-05	7.78E-06	0.00E+00	2.59E-07	1.06E-03	0.00E+00	0.00E+00	1.27E-03
1495	CENSUS	0	371545.4	3763192	NonCancerChronicDerived_Inh	2.52E-05	3.18E-04	3.90E-06	3.03E-05	2.40E-07	2.54E-05	1.13E-03	2.52E-05	7.16E-06	0.00E+00	2.38E-07	9.69E-04	0.00E+00	0.00E+00	1.13E-03
1496	CENSUS	91	371723.4	3763024	NonCancerChronicDerived_Inh	2.92E-05	3.69E-04	4.53E-06	3.51E-05	2.65E-07	2.95E-05	1.31E-03	2.92E-05	7.92E-06	0.00E+00	2.63E-07	1.08E-03	0.00E+00	0.00E+00	1.31E-03
1497	CENSUS	75	371642	3763086	NonCancerChronicDerived_Inh	2.74E-05	3.46E-04	4.25E-06	3.30E-05	2.53E-07	2.77E-05	1.23E-03	2.74E-05	7.56E-06	0.00E+00	2.52E-07	1.03E-03	0.00E+00	0.00E+00	1.23E-03
1498	CENSUS	49	372170.8	3762784	NonCancerChronicDerived_Inh	4.24E-05	5.36E-04	6.57E-06	5.10E-05	3.72E-07	4.27E-05	1.90E-03	4.24E-05	1.14E-05	0.00E+00	3.70E-07	1.57E-03	0.00E+00	0.00E+00	1.90E-03
1499	CENSUS	42	372066.1	3762716	NonCancerChronicDerived_Inh	3.65E-05	4.61E-04	5.66E-06	4.39E-05	3.32E-07	3.68E-05	1.64E-03	3.65E-05	1.01E-05	0.00E+00	3.30E-07	1.38E-03	0.00E+00	0.00E+00	1.64E-03
1500	CENSUS	83	371725.4	3762937	NonCancerChronicDerived_Inh	2.81E-05	3.56E-04	4.37E-06	3.39E-05	2.58E-07	2.84E-05	1.26E-03	2.81E-05	7.70E-06	0.00E+00	2.56E-07	1.05E-03	0.00E+00	0.00E+00	1.26E-03
1501	CENSUS	74	371723.3	3762853	NonCancerChronicDerived_Inh	2.70E-05	3.41E-04	4.19E-06	3.25E-05	2.50E-07	2.73E-05	1.21E-03	2.70E-05	7.45E-06	0.00E+00	2.49E-07	1.02E-03	0.00E+00	0.00E+00	1.21E-03
1502	CENSUS	49	371765.9	3762786	NonCancerChronicDerived_Inh	2.72E-05	3.44E-04	4.21E-06	3.27E-05	2.51E-07	2.74E-05	1.22E-03	2.72E-05	7.49E-06	0.00E+00	2.50E-07	1.02E-03	0.00E+00	0.00E+00	1.22E-03
1503	CENSUS	96	371889.3	3762689	NonCancerChronicDerived_Inh	2.96E-05	3.74E-04	4.59E-06	3.56E-05	2.74E-07	2.99E-05	1.33E-03	2.96E-05	8.23E-06	0.00E+00	2.73E-07	1.13E-03	0.00E+00	0.00E+00	1.33E-03
1504	CENSUS	34	371732.8	3762672	NonCancerChronicDerived_Inh	2.52E-05	3.18E-04	3.90E-06	3.03E-05	2.36E-07	2.54E-05	1.13E-03	2.52E-05	7.00E-06	0.00E+00	2.34E-07	9.58E-04	0.00E+00	0.00E+00	1.13E-03
1505	CENSUS	436	371767.8	3762483	NonCancerChronicDerived_Inh	2.45E-05	3.10E-04	3.80E-06	2.95E-05	2.36E-07	2.47E-05	1.10E-03	2.45E-05	7.04E-06	0.00E+00	2.35E-07	9.65E-04	0.00E+00	0.00E+00	1.10E-03
1506	CENSUS	98	371920	3762493	NonCancerChronicDerived_Inh	2.70E-05	3.42E-04	4.20E-06	3.26E-05	2.57E-07	2.73E-05	1.22E-03	2.70E-05	7.68E-06	0.00E+00	2.55E-07	1.06E-03	0.00E+00	0.00E+00	1.22E-03
1507	CENSUS	66	371689.4	3762373	NonCancerChronicDerived_Inh	2.16E-05	2.73E-04	3.35E-06	2.60E-05	2.09E-07	2.18E-05	9.71E-04	2.16E-05	6.17E-06	0.00E+00	2.08E-07	8.46E-04	0.00E+00	0.00E+00	9.71E-04
1508	CENSUS	50	371622.7	3762382	NonCancerChronicDerived_Inh	2.06E-05	2.61E-04	3.20E-06	2.48E-05	1.99E-07	2.08E-05	9.29E-04	2.06E-05	5.87E-06	0.00E+00	1.98E-07	8.04E-04	0.00E+00	0.00E+00	9.29E-04
1509	CENSUS	392	371401.2	3763193	NonCancerChronicDerived_Inh	2.16E-05	2.74E-04	3.35E-06	2.60E-05	2.13E-07	2.19E-05	9.74E-04	2.16E-05	6.35E-06	0.00E+00	2.12E-07	8.57E-04	0.00E+00	0.00E+00	9.74E-04
1510	CENSUS	43	371507.6	3762883	NonCancerChronicDerived_Inh	2.26E-05	2.86E-04	3.51E-06	2.73E-05	2.18E-07	2.29E-05	1.02E-03	2.26E-05	6.47E-06	0.00E+00	2.17E-07	8.79E-04	0.00E+00	0.00E+00	1.02E-03
1511	CENSUS	308	371301.1	3762783	NonCancerChronicDerived_Inh	1.86E-05	2.35E-04	2.88E-06	2.23E-05	1.87E-07	1.87E-05	8.36E-04	1.86E-05	5.50E-06	0.00E+00	1.85E-07	7.46E-04	0.00E+00	0.00E+00	8.36E-04
1512	CENSUS	28	371534.9	3762968	NonCancerChronicDerived_Inh	2.38E-05	3.02E-04	3.70E-06	2.87E-05	2.27E-07	2.41E-05	1.07E-03	2.38E-05	6.75E-06	0.00E+00	2.26E-07	9.18E-04	0.00E+00	0.00E+00	1.07E-03
1513	CENSUS	63	371498.7	3762805	NonCancerChronicDerived_Inh	2.19E-05	2.77E-04	3.39E-06	2.63E-05	2.12E-07	2.21E-05	9.85E-04	2.19E-05	6.29E-06	0.00E+00	2.11E-07	8.55E-04	0.00E+00	0.00E+00	9.85E-04
1514	CENSUS	62	371481.2	3762724	NonCancerChronicDerived_Inh	2.10E-05	2.65E-04	3.25E-06	2.52E-05	2.05E-07	2.12E-05	9.44E-04	2.10E-05	6.07E-06	0.00E+00	2.04E-07	8.26E-04	0.00E+00	0.00E+00	9.44E-04
1515	CENSUS	43	370950.8	3763635	NonCancerChronicDerived_Inh	1.37E-05	1.73E-04	2.12E-06	1.65E-05	1.43E-07	1.38E-05	6.18E-04	1.37E-05	4.22E-06	0.00E+00	1.42E-07	5.66E-04	0.00E+00	0.00E+00	6.18E-04
1516	CENSUS	36	371014.3	3763681	NonCancerChronicDerived_Inh	1.42E-05	1.80E-04	2.21E-06	1.72E-05	1.48E-07	1.44E-05	6.42E-04	1.42E-05	4.39E-06	0.00E+00	1.47E-07	5.88E-04	0.00E+00	0.00E+00	6.42E-04
1517	CENSUS	39	371112.5	3763729	NonCancerChronicDerived_Inh	1.53E-05	1.93E-04	2.37E-06	1.84E-05	1.58E-07	1.54E-05	6.89E-04	1.53E-05	4.71E-06	0.00E+00	1.58E-07	6.30E-04	0.00E+00	0.00E+00	6.89E-04
1518	CENSUS	16	371068	3763710	NonCancerChronicDerived_Inh	1.48E-05	1.87E-04	2.29E-06	1.78E-05	1.53E-07	1.49E-05	6.66E-04	1.48E-05	4.55E-06	0.00E+00	1.53E-07	6.10E-04	0.00E+00	0.00E+00	6.66E-04
1519	CENSUS	30	371172.8	3763573	NonCancerChronicDerived_Inh	1.67E-05	2.12E-04	2.59E-06	2.01E-05	1.73E-07	1.69E-05	7.54E-04	1.67E-05	5.15E-06	0.00E+00	1.72E-07	6.90E-04	0.00E+00	0.00E+00	7.54E-04
1520	CENSUS	60	371113.8	3763552	NonCancerChronicDerived_Inh	1.59E-05	2.01E-04	2.47E-06	1.92E-05	1.66E-07	1.61E-05	7.18E-04	1.59E-05	4.92E-06	0.00E+00	1.65E-07	6.59E-04	0.00E+00	0.00E+00	7.18E-04
1521	CENSUS	49	371036.8	3763524	NonCancerChronicDerived_Inh	1.50E-05	1.89E-04	2.32E-06	1.80E-05	1.57E-07	1.51E-05	6.75E-04	1.50E-05	4.64E-06	0.00E+00	1.56E-07	6.21E-04	0.00E+00	0.00E+00	6.75E-04
1522	CENSUS	42	371052.3	3763404	NonCancerChronicDerived_Inh	1.54E-05	1.95E-04	2.39E-06	1.86E-05	1.62E-07	1.56E-05	6.95E-04	1.54E-05	4.78E-06	0.00E+00	1.61E-07	6.41E-04	0.00E+00	0.00E+00	6.95E-04
1523	CENSUS	52	371133.7	3763394	NonCancerChronicDerived_Inh	1.66E-05	2.10E-04	2.57E-06	2.00E-05	1.73E-07	1.68E-05	7.48E-04	1.66E-05	5.11E-06	0.00E+00	1.72E-07	6.86E-04	0.00E+00	0.00E+00	7.48E-04
1524	CENSUS	36	371194.8	3763385	NonCancerChronicDerived_Inh	1.75E-05	2.22E-04	2.72E-06	2.11E-05	1.81E-07	1.77E-05	7.91E-04	1.75E-05	5.38E-06	0.00E+00	1.80E-07	7.22E-04	0.00E+00	0.00E+00	7.91E-04
1525	CENSUS	127	371269.8	3763366	NonCancerChronicDerived_Inh	1.89E-05	2.39E-04	2.93E-06	2.28E-05	1.93E-07	1.91E-05	8.52E-04	1.89E-05	5.74E-06	0.00E+00	1.92E-07	7.71E-04	0.00E+00	0.00E+00	8.52E-04
1526	CENSUS	0	373203	3763987	NonCancerChronicDerived_Inh	3.16E-04	3.99E-03	4.91E-05	3.79E-04	1.42E-06	3.18E-04	1.40E-02	3.16E-04	4.26E-05	0.00E+00	1.40E-06	6.35E-03	0.00E+00	0.00E+00	1.40E-02
1527	CENSUS	0	373195	3764147	NonCancerChronicDerived_Inh	2.62E-04	3.30E-03	4.07E-05	3.14E-04	1.09E-06	2.63E-04	1.16E-02	2.62E-04	3.28E-05	0.00E+00	1.07E-06	4.98E-03	0.00E+00	0.00E+00	1.16E-02
1528	CENSUS	0	373134.4	3763873	NonCancerChronicDerived_Inh	3.90E-04	4.93E-03	6.06E-05	4.69E-04	2.54E-06	3.93E-04	1.73E-02	3.90E-04	7.64E-05	0.00E+00	2.52E-06	1.05E-02	0.00E+00	0.00E+00	1.73E-02
1529	CENSUS	0	372896	3763942	NonCancerChronicDerived_Inh	6.13E-04	7.73E-03	9.52E-05	7.35E-04	2.11E-06	6.15E-04	2.70E-02	6.13E-04	6.31E-05	0.00E+00	2.07E-06	1.01E-02	0.00E+00	0.00E+00	2.70E-02
1530	CENSUS	3	372453.4	3763403	NonCancerChronicDerived_Inh	1.16E-04	1.47E-03	1.81E-05	1.40E-04	7.97E-07	1.17E-04	5.18E-03	1.16E-04	2.41E-05	0.00E+00	7.90E-07	3.35E-03	0.00E+00	0.00E+00	5.18E-03
1531	CENSUS	0	372744.3	3763050	NonCancerChronicDerived_Inh	1.21E-04	1.53E-03	1.87E-05	1.45E-04	8.26E-07	1.22E-04	5.37E-03	1.21E-04	2.51E-05	0.00E+00	8.19E-07	3.54E-03	0.00E+00	0.00E+00	5.37E-03
1532	CENSUS	0	371869.5	3763199	NonCancerChronicDerived_Inh	3.66E-05	4.62E-04	5.67E-06	4.40E-05	3.14E-07	3.69E-05	1.64E-03	3.66E-05	9.44E-06	0.00E+00	3.12E-07	1.29E-03	0.00E+00	0.00E+00	1.64E-03
1533	CENSUS	0	371777.5	3763439	NonCancerChronicDerived_Inh	3.41E-05	4.32E-04	5.29E-06	4.11E-05	3.09E-07	3.45E-05	1.53E-03	3.41E-05	9.32E-06	0.00E+00	3.07E-07	1.26E-03	0.00E+00	0.00E+00	1.53E-03
1534	CENSUS	0	372348.3	3762361	NonCancerChronicDerived_Inh	3.00E-05	3.80E-04	4.65E-06	3.61E-05	3.10E-07	3.03E-05	1.35E-03	3.00E-05	9.51E-06	0.00E+00	3.08E-07	1.31E-03	0.00E+00	0.00E+00	1.35E-03
1535	CENSUS	0	372016.6	3763473	NonCancerChronicDerived_Inh	4.88E-05	6.17E-04	7.58E-06	5.87E-05	4.04E-07	4.93E-05	2.18E-03	4.88E-05	1.22E-05	0.00E+00	4.01E-07	1.67E-03	0.00E+00	0.00E+00	2.18E-03
1536	CENSUS	0	371863.5	3763739	NonCancerChronicDerived_Inh	3.83E-05	4.84E-04	5.94E-06	4.61E-05	3.62E-07	3.86E-05	1.72E-03	3.83E-05	1.11E-05	0.00E+00	3.60E-07	1.48E-03	0.00E+00	0.00E+00	1.72E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1537	CENSUS	0	372555.4	3762456	NonCancerChronicDerived_Inh	3.50E-05	4.43E-04	5.43E-06	4.22E-05	3.67E-07	3.54E-05	1.58E-03	3.50E-05	1.15E-05	0.00E+00	3.65E-07	1.60E-03	0.00E+00	0.00E+00	1.60E-03
1538	CENSUS	0	371738.5	3763277	NonCancerChronicDerived_Inh	3.18E-05	4.02E-04	4.93E-06	3.83E-05	2.87E-07	3.21E-05	1.43E-03	3.18E-05	8.61E-06	0.00E+00	2.85E-07	1.17E-03	0.00E+00	0.00E+00	1.43E-03
1539	CENSUS	0	372637.9	3762622	NonCancerChronicDerived_Inh	4.68E-05	5.92E-04	7.25E-06	5.63E-05	4.67E-07	4.73E-05	2.10E-03	4.68E-05	1.46E-05	0.00E+00	4.64E-07	2.03E-03	0.00E+00	0.00E+00	2.10E-03
1540	CENSUS	0	372440	3762515	NonCancerChronicDerived_Inh	3.78E-05	4.79E-04	5.87E-06	4.55E-05	3.75E-07	3.82E-05	1.70E-03	3.78E-05	1.16E-05	0.00E+00	3.73E-07	1.61E-03	0.00E+00	0.00E+00	1.70E-03
1541	CENSUS	0	373264	3763172	NonCancerChronicDerived_Inh	1.87E-04	2.37E-03	2.89E-05	2.26E-04	2.70E-06	1.90E-04	8.45E-03	1.87E-04	8.39E-05	0.00E+00	2.69E-06	1.08E-02	0.00E+00	0.00E+00	1.08E-02
1542	CENSUS	0	373201.5	3763633	NonCancerChronicDerived_Inh	3.73E-03	4.70E-02	5.80E-04	4.46E-03	3.22E-06	3.74E-03	1.63E-01	3.73E-03	9.27E-05	0.00E+00	3.02E-06	2.88E-02	0.00E+00	0.00E+00	1.63E-01
1543	CENSUS	0	373315.4	3763250	NonCancerChronicDerived_Inh	2.55E-04	3.23E-03	3.95E-05	3.07E-04	3.14E-06	2.58E-04	1.15E-02	2.55E-04	9.68E-05	0.00E+00	3.12E-06	1.26E-02	0.00E+00	0.00E+00	1.26E-02
1544	CENSUS	0	373488.4	3762855	NonCancerChronicDerived_Inh	1.34E-04	1.69E-03	2.08E-05	1.61E-04	1.21E-06	1.35E-04	5.99E-03	1.34E-04	4.39E-05	0.00E+00	1.20E-06	6.55E-03	0.00E+00	0.00E+00	6.55E-03
1545	CENSUS	0	373186.9	3762877	NonCancerChronicDerived_Inh	9.00E-05	1.14E-03	1.39E-05	1.08E-04	8.08E-07	9.09E-05	4.03E-03	9.00E-05	2.59E-05	0.00E+00	8.03E-07	3.63E-03	0.00E+00	0.00E+00	4.03E-03
1546	CENSUS	0	372130.8	3762233	NonCancerChronicDerived_Inh	2.44E-05	3.08E-04	3.78E-06	2.94E-05	2.50E-07	2.46E-05	1.10E-03	2.44E-05	7.51E-06	0.00E+00	2.48E-07	1.04E-03	0.00E+00	0.00E+00	1.10E-03
1547	CENSUS	0	372145.7	3762269	NonCancerChronicDerived_Inh	2.54E-05	3.21E-04	3.93E-06	3.06E-05	2.58E-07	2.56E-05	1.14E-03	2.54E-05	7.79E-06	0.00E+00	2.57E-07	1.07E-03	0.00E+00	0.00E+00	1.14E-03
1548	CENSUS	0	372250.9	3762215	NonCancerChronicDerived_Inh	2.41E-05	3.05E-04	3.74E-06	2.90E-05	2.51E-07	2.44E-05	1.09E-03	2.41E-05	7.60E-06	0.00E+00	2.50E-07	1.05E-03	0.00E+00	0.00E+00	1.09E-03
1549	CENSUS	0	372302.1	3762158	NonCancerChronicDerived_Inh	2.30E-05	2.91E-04	3.57E-06	2.77E-05	2.47E-07	2.33E-05	1.04E-03	2.30E-05	7.50E-06	0.00E+00	2.45E-07	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1550	CENSUS	0	372423.9	3762256	NonCancerChronicDerived_Inh	2.59E-05	3.28E-04	4.01E-06	3.12E-05	2.78E-07	2.62E-05	1.17E-03	2.59E-05	8.58E-06	0.00E+00	2.77E-07	1.19E-03	0.00E+00	0.00E+00	1.19E-03
1551	CENSUS	0	372491.9	3762335	NonCancerChronicDerived_Inh	2.97E-05	3.76E-04	4.61E-06	3.58E-05	3.20E-07	3.01E-05	1.34E-03	2.97E-05	9.97E-06	0.00E+00	3.18E-07	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1552	CENSUS	0	372484.4	3762195	NonCancerChronicDerived_Inh	2.48E-05	3.14E-04	3.85E-06	2.99E-05	2.75E-07	2.51E-05	1.12E-03	2.48E-05	8.56E-06	0.00E+00	2.74E-07	1.19E-03	0.00E+00	0.00E+00	1.19E-03
1553	CENSUS	0	372277.1	3762066	NonCancerChronicDerived_Inh	2.12E-05	2.68E-04	3.28E-06	2.55E-05	2.31E-07	2.14E-05	9.58E-04	2.12E-05	7.02E-06	0.00E+00	2.30E-07	9.69E-04	0.00E+00	0.00E+00	9.69E-04
1554	CENSUS	0	372609.1	3762180	NonCancerChronicDerived_Inh	2.59E-05	3.27E-04	4.01E-06	3.12E-05	2.91E-07	2.62E-05	1.17E-03	2.59E-05	9.26E-06	0.00E+00	2.90E-07	1.29E-03	0.00E+00	0.00E+00	1.29E-03
1555	CENSUS	0	372499.4	3761945	NonCancerChronicDerived_Inh	1.96E-05	2.48E-04	3.04E-06	2.36E-05	2.25E-07	1.98E-05	8.87E-04	1.96E-05	7.05E-06	0.00E+00	2.24E-07	9.78E-04	0.00E+00	0.00E+00	9.78E-04
1556	CENSUS	43	372554.3	3761698	NonCancerChronicDerived_Inh	1.54E-05	1.95E-04	2.38E-06	1.85E-05	1.83E-07	1.56E-05	6.96E-04	1.54E-05	5.74E-06	0.00E+00	1.82E-07	7.95E-04	0.00E+00	0.00E+00	7.95E-04
1557	CENSUS	22	372587.9	3761646	NonCancerChronicDerived_Inh	1.46E-05	1.84E-04	2.25E-06	1.75E-05	1.75E-07	1.47E-05	6.60E-04	1.46E-05	5.51E-06	0.00E+00	1.74E-07	7.62E-04	0.00E+00	0.00E+00	7.62E-04
1558	CENSUS	0	371787.5	3762277	NonCancerChronicDerived_Inh	2.15E-05	2.72E-04	3.33E-06	2.59E-05	2.11E-07	2.17E-05	9.69E-04	2.15E-05	6.22E-06	0.00E+00	2.09E-07	8.54E-04	0.00E+00	0.00E+00	9.69E-04
1559	CENSUS	0	372011.2	3762250	NonCancerChronicDerived_Inh	2.35E-05	2.97E-04	3.64E-06	2.83E-05	2.35E-07	2.37E-05	1.06E-03	2.35E-05	7.02E-06	0.00E+00	2.34E-07	9.65E-04	0.00E+00	0.00E+00	1.06E-03
1560	CENSUS	0	372110.8	3762201	NonCancerChronicDerived_Inh	2.35E-05	2.97E-04	3.64E-06	2.82E-05	2.41E-07	2.37E-05	1.06E-03	2.35E-05	7.24E-06	0.00E+00	2.40E-07	9.97E-04	0.00E+00	0.00E+00	1.06E-03
1561	CENSUS	0	372079	3762152	NonCancerChronicDerived_Inh	2.22E-05	2.80E-04	3.44E-06	2.67E-05	2.28E-07	2.24E-05	1.00E-03	2.22E-05	6.83E-06	0.00E+00	2.27E-07	9.41E-04	0.00E+00	0.00E+00	1.00E-03
1562	CENSUS	0	371889.5	3762182	NonCancerChronicDerived_Inh	2.16E-05	2.74E-04	3.35E-06	2.60E-05	2.20E-07	2.18E-05	9.75E-04	2.16E-05	6.54E-06	0.00E+00	2.19E-07	8.97E-04	0.00E+00	0.00E+00	9.75E-04
1563	CENSUS	0	372189.8	3762150	NonCancerChronicDerived_Inh	2.25E-05	2.85E-04	3.49E-06	2.72E-05	2.36E-07	2.28E-05	1.02E-03	2.25E-05	7.12E-06	0.00E+00	2.35E-07	9.82E-04	0.00E+00	0.00E+00	1.02E-03
1564	CENSUS	0	372163.3	3762086	NonCancerChronicDerived_Inh	2.11E-05	2.67E-04	3.27E-06	2.54E-05	2.22E-07	2.13E-05	9.52E-04	2.11E-05	6.67E-06	0.00E+00	2.21E-07	9.21E-04	0.00E+00	0.00E+00	9.52E-04
1565	CENSUS	0	371579	3763282	NonCancerChronicDerived_Inh	2.63E-05	3.33E-04	4.08E-06	3.17E-05	2.50E-07	2.66E-05	1.18E-03	2.63E-05	7.48E-06	0.00E+00	2.48E-07	1.01E-03	0.00E+00	0.00E+00	1.18E-03
1566	CENSUS	0	371568.5	3763224	NonCancerChronicDerived_Inh	2.59E-05	3.28E-04	4.02E-06	3.12E-05	2.46E-07	2.62E-05	1.16E-03	2.59E-05	7.34E-06	0.00E+00	2.44E-07	9.94E-04	0.00E+00	0.00E+00	1.16E-03
1567	CENSUS	2	374048.7	3761577	NonCancerChronicDerived_Inh	1.16E-05	1.47E-04	1.80E-06	1.40E-05	1.78E-07	1.18E-05	5.29E-04	1.16E-05	5.43E-06	0.00E+00	1.77E-07	7.13E-04	0.00E+00	0.00E+00	7.13E-04
1568	CENSUS	62	373840.9	3761613	NonCancerChronicDerived_Inh	1.21E-05	1.54E-04	1.88E-06	1.47E-05	2.13E-07	1.24E-05	5.57E-04	1.21E-05	6.55E-06	0.00E+00	2.12E-07	8.37E-04	0.00E+00	0.00E+00	8.37E-04
1569	CENSUS	54	373834	3761527	NonCancerChronicDerived_Inh	1.11E-05	1.41E-04	1.72E-06	1.34E-05	1.78E-07	1.13E-05	5.07E-04	1.11E-05	5.47E-06	0.00E+00	1.78E-07	7.05E-04	0.00E+00	0.00E+00	7.05E-04
1570	CENSUS	41	373835.1	3761578	NonCancerChronicDerived_Inh	1.18E-05	1.49E-04	1.82E-06	1.42E-05	1.99E-07	1.20E-05	5.39E-04	1.18E-05	6.13E-06	0.00E+00	1.99E-07	7.86E-04	0.00E+00	0.00E+00	7.86E-04
1571	CENSUS	137	373528.3	3761578	NonCancerChronicDerived_Inh	1.14E-05	1.45E-04	1.77E-06	1.38E-05	1.90E-07	1.16E-05	5.25E-04	1.14E-05	5.92E-06	0.00E+00	1.90E-07	7.66E-04	0.00E+00	0.00E+00	7.66E-04
1572	CENSUS	47	373474.8	3761318	NonCancerChronicDerived_Inh	8.85E-06	1.12E-04	1.37E-06	1.07E-05	1.37E-07	8.99E-06	4.05E-04	8.85E-06	4.21E-06	0.00E+00	1.36E-07	5.47E-04	0.00E+00	0.00E+00	5.47E-04
1573	CENSUS	78	373583.8	3761536	NonCancerChronicDerived_Inh	1.10E-05	1.40E-04	1.70E-06	1.33E-05	1.82E-07	1.12E-05	5.04E-04	1.10E-05	5.64E-06	0.00E+00	1.82E-07	7.28E-04	0.00E+00	0.00E+00	7.28E-04
1574	CENSUS	35	373421.2	3761514	NonCancerChronicDerived_Inh	1.07E-05	1.35E-04	1.65E-06	1.29E-05	1.71E-07	1.08E-05	4.88E-04	1.07E-05	5.32E-06	0.00E+00	1.70E-07	6.94E-04	0.00E+00	0.00E+00	6.94E-04
1575	CENSUS	0	374031.5	3761498	NonCancerChronicDerived_Inh	1.08E-05	1.36E-04	1.67E-06	1.30E-05	1.49E-07	1.09E-05	4.89E-04	1.08E-05	4.53E-06	0.00E+00	1.48E-07	6.00E-04	0.00E+00	0.00E+00	6.00E-04
1576	CENSUS	48	373828.6	3761427	NonCancerChronicDerived_Inh	1.00E-05	1.27E-04	1.56E-06	1.21E-05	1.47E-07	1.02E-05	4.58E-04	1.00E-05	4.48E-06	0.00E+00	1.46E-07	5.85E-04	0.00E+00	0.00E+00	5.85E-04
1577	CENSUS	44	373661.4	3761427	NonCancerChronicDerived_Inh	9.81E-06	1.25E-04	1.52E-06	1.19E-05	1.53E-07	9.97E-06	4.49E-04	9.81E-06	4.71E-06	0.00E+00	1.53E-07	6.09E-04	0.00E+00	0.00E+00	6.09E-04
1578	CENSUS	59	373834.5	3761476	NonCancerChronicDerived_Inh	1.05E-05	1.34E-04	1.64E-06	1.28E-05	1.61E-07	1.07E-05	4.82E-04	1.05E-05	4.94E-06	0.00E+00	1.61E-07	6.41E-04	0.00E+00	0.00E+00	6.41E-04
1579	CENSUS	83	373845.9	3761309	NonCancerChronicDerived_Inh	9.07E-06	1.15E-04	1.41E-06	1.09E-05	1.17E-07	9.19E-06	4.12E-04	9.07E-06	3.57E-06	0.00E+00	1.17E-07	4.74E-04	0.00E+00	0.00E+00	4.74E-04
1580	CENSUS	79	373954.5	3761358	NonCancerChronicDerived_Inh	9.51E-06	1.21E-04	1.48E-06	1.15E-05	1.18E-07	9.64E-06	4.31E-04	9.51E-06	3.58E-06	0.00E+00	1.17E-07	4.78E-04	0.00E+00	0.00E+00	4.78E-04
1581	CENSUS	46	374012.2	3761343	NonCancerChronicDerived_Inh	9.41E-06	1.19E-04	1.46E-06	1.13E-05	1.09E-07	9.52E-06	4.25E-04	9.41E-06	3.31E-06	0.00E+00	1.08E-07	4.46E-04	0.00E+00	0.00E+00	4.46E-04
1582	CENSUS	170	374185.3	3761303	NonCancerChronicDerived_Inh	9.00E-06	1.14E-04	1.39E-06	1.08E-05	8.73E-08	9.09E-06	4.04E-04	9.00E-06	2.63E-06	0.00E+00	8.68E-08	3.65E-04	0.00E+00	0.00E+00	4.04E-04
1583	CENSUS	72	374044.9	3761241	NonCancerChronicDerived_Inh	8.74E-06	1.11E-04	1.35E-06	1.05E-05	8.98E-08	8.83E-06	3.94E-04	8.74E-06	2.71E-06	0.00E+00	8.93E-08	3.72E-04	0.00E+00	0.00E+00	3.94E-04
1584	CENSUS	31	374109.4	3761180	NonCancerChronicDerived_Inh	8.32E-06	1.05E-04	1.29E-06	1.00E-05	7.81E-08	8.40E-06	3.74E-04	8.32E-06	2.35E-06	0.00E+00	7.77E-08	3.26E-04	0.00E+00	0.00E+00	3.74E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1585	CENSUS	31	373792	3761321	NonCancerChronicDerived_Inh	9.11E-06	1.16E-04	1.41E-06	1.10E-05	1.24E-07	9.24E-06	4.14E-04	9.11E-06	3.79E-06	0.00E+00	1.24E-07	4.99E-04	0.00E+00	0.00E+00	4.99E-04
1586	CENSUS	51	373710	3761330	NonCancerChronicDerived_Inh	9.00E-06	1.14E-04	1.40E-06	1.09E-05	1.30E-07	9.14E-06	4.10E-04	9.00E-06	3.97E-06	0.00E+00	1.29E-07	5.18E-04	0.00E+00	0.00E+00	5.18E-04
1587	CENSUS	115	373568.5	3761313	NonCancerChronicDerived_Inh	8.70E-06	1.10E-04	1.35E-06	1.05E-05	1.32E-07	8.84E-06	3.97E-04	8.70E-06	4.03E-06	0.00E+00	1.31E-07	5.24E-04	0.00E+00	0.00E+00	5.24E-04
1588	CENSUS	47	373653.8	3761187	NonCancerChronicDerived_Inh	7.89E-06	1.00E-04	1.22E-06	9.53E-06	1.08E-07	8.01E-06	3.59E-04	7.89E-06	3.29E-06	0.00E+00	1.08E-07	4.32E-04	0.00E+00	0.00E+00	4.32E-04
1589	CENSUS	39	373741.8	3761172	NonCancerChronicDerived_Inh	7.99E-06	1.01E-04	1.24E-06	9.64E-06	1.02E-07	8.09E-06	3.62E-04	7.99E-06	3.10E-06	0.00E+00	1.02E-07	4.11E-04	0.00E+00	0.00E+00	4.11E-04
1590	CENSUS	40	373836.2	3761173	NonCancerChronicDerived_Inh	8.17E-06	1.03E-04	1.27E-06	9.85E-06	9.63E-08	8.27E-06	3.70E-04	8.17E-06	2.92E-06	0.00E+00	9.58E-08	3.92E-04	0.00E+00	0.00E+00	3.92E-04
1591	CENSUS	22	373920.4	3761168	NonCancerChronicDerived_Inh	8.23E-06	1.04E-04	1.28E-06	9.92E-06	8.94E-08	8.32E-06	3.71E-04	8.23E-06	2.70E-06	0.00E+00	8.89E-08	3.67E-04	0.00E+00	0.00E+00	3.71E-04
1592	CENSUS	42	373258.2	3761758	NonCancerChronicDerived_Inh	1.53E-05	1.94E-04	2.37E-06	1.85E-05	2.26E-07	1.55E-05	6.97E-04	1.53E-05	7.35E-06	0.00E+00	2.25E-07	9.92E-04	0.00E+00	0.00E+00	9.92E-04
1593	CENSUS	54	373072.6	3761776	NonCancerChronicDerived_Inh	1.64E-05	2.08E-04	2.54E-06	1.98E-05	2.17E-07	1.66E-05	7.45E-04	1.64E-05	7.09E-06	0.00E+00	2.16E-07	9.73E-04	0.00E+00	0.00E+00	9.73E-04
1594	CENSUS	53	372885.6	3761825	NonCancerChronicDerived_Inh	1.75E-05	2.21E-04	2.71E-06	2.11E-05	2.13E-07	1.77E-05	7.91E-04	1.75E-05	6.93E-06	0.00E+00	2.12E-07	9.61E-04	0.00E+00	0.00E+00	9.61E-04
1595	CENSUS	43	372872.9	3761778	NonCancerChronicDerived_Inh	1.65E-05	2.09E-04	2.55E-06	1.99E-05	2.03E-07	1.67E-05	7.46E-04	1.65E-05	6.57E-06	0.00E+00	2.02E-07	9.08E-04	0.00E+00	0.00E+00	9.08E-04
1596	CENSUS	0	372861.9	3761743	NonCancerChronicDerived_Inh	1.58E-05	2.01E-04	2.45E-06	1.91E-05	1.96E-07	1.60E-05	7.17E-04	1.58E-05	6.33E-06	0.00E+00	1.95E-07	8.74E-04	0.00E+00	0.00E+00	8.74E-04
1597	CENSUS	0	372850.1	3761725	NonCancerChronicDerived_Inh	1.55E-05	1.97E-04	2.41E-06	1.87E-05	1.93E-07	1.57E-05	7.04E-04	1.55E-05	6.22E-06	0.00E+00	1.92E-07	8.58E-04	0.00E+00	0.00E+00	8.58E-04
1598	CENSUS	0	372729.8	3761767	NonCancerChronicDerived_Inh	1.64E-05	2.07E-04	2.53E-06	1.97E-05	1.97E-07	1.66E-05	7.41E-04	1.64E-05	6.30E-06	0.00E+00	1.96E-07	8.74E-04	0.00E+00	0.00E+00	8.74E-04
1599	CENSUS	74	372652.8	3761605	NonCancerChronicDerived_Inh	1.39E-05	1.76E-04	2.15E-06	1.67E-05	1.70E-07	1.41E-05	6.29E-04	1.39E-05	5.36E-06	0.00E+00	1.69E-07	7.40E-04	0.00E+00	0.00E+00	7.40E-04
1600	CENSUS	67	372734	3761573	NonCancerChronicDerived_Inh	1.33E-05	1.68E-04	2.06E-06	1.60E-05	1.66E-07	1.35E-05	6.03E-04	1.33E-05	5.26E-06	0.00E+00	1.65E-07	7.24E-04	0.00E+00	0.00E+00	7.24E-04
1601	CENSUS	69	372815.1	3761541	NonCancerChronicDerived_Inh	1.27E-05	1.61E-04	1.97E-06	1.53E-05	1.62E-07	1.29E-05	5.76E-04	1.27E-05	5.16E-06	0.00E+00	1.62E-07	7.06E-04	0.00E+00	0.00E+00	7.06E-04
1602	CENSUS	91	372897	3761512	NonCancerChronicDerived_Inh	1.21E-05	1.54E-04	1.88E-06	1.46E-05	1.60E-07	1.23E-05	5.51E-04	1.21E-05	5.07E-06	0.00E+00	1.59E-07	6.91E-04	0.00E+00	0.00E+00	6.91E-04
1603	CENSUS	0	372970.4	3761685	NonCancerChronicDerived_Inh	1.47E-05	1.86E-04	2.27E-06	1.77E-05	1.91E-07	1.49E-05	6.66E-04	1.47E-05	6.16E-06	0.00E+00	1.90E-07	8.44E-04	0.00E+00	0.00E+00	8.44E-04
1604	CENSUS	0	373052.6	3761693	NonCancerChronicDerived_Inh	1.46E-05	1.85E-04	2.27E-06	1.77E-05	1.96E-07	1.48E-05	6.64E-04	1.46E-05	6.34E-06	0.00E+00	1.95E-07	8.66E-04	0.00E+00	0.00E+00	8.66E-04
1605	CENSUS	45	373066.1	3761727	NonCancerChronicDerived_Inh	1.53E-05	1.94E-04	2.37E-06	1.85E-05	2.04E-07	1.55E-05	6.94E-04	1.53E-05	6.64E-06	0.00E+00	2.04E-07	9.08E-04	0.00E+00	0.00E+00	9.08E-04
1606	CENSUS	34	373246.8	3761709	NonCancerChronicDerived_Inh	1.42E-05	1.81E-04	2.21E-06	1.72E-05	2.11E-07	1.45E-05	6.50E-04	1.42E-05	6.82E-06	0.00E+00	2.10E-07	9.17E-04	0.00E+00	0.00E+00	9.17E-04
1607	CENSUS	0	373244	3761673	NonCancerChronicDerived_Inh	1.36E-05	1.72E-04	2.10E-06	1.64E-05	2.02E-07	1.38E-05	6.19E-04	1.36E-05	6.50E-06	0.00E+00	2.01E-07	8.71E-04	0.00E+00	0.00E+00	8.71E-04
1608	CENSUS	62	373343.5	3761485	NonCancerChronicDerived_Inh	1.05E-05	1.33E-04	1.63E-06	1.27E-05	1.65E-07	1.07E-05	4.80E-04	1.05E-05	5.15E-06	0.00E+00	1.64E-07	6.75E-04	0.00E+00	0.00E+00	6.75E-04
1609	CENSUS	0	373088.2	3761665	NonCancerChronicDerived_Inh	1.40E-05	1.77E-04	2.17E-06	1.69E-05	1.92E-07	1.42E-05	6.36E-04	1.40E-05	6.20E-06	0.00E+00	1.91E-07	8.42E-04	0.00E+00	0.00E+00	8.42E-04
1610	CENSUS	75	373060.4	3761461	NonCancerChronicDerived_Inh	1.10E-05	1.40E-04	1.71E-06	1.33E-05	1.57E-07	1.12E-05	5.03E-04	1.10E-05	4.95E-06	0.00E+00	1.56E-07	6.65E-04	0.00E+00	0.00E+00	6.65E-04
1611	CENSUS	74	372974.7	3761475	NonCancerChronicDerived_Inh	1.14E-05	1.45E-04	1.77E-06	1.38E-05	1.56E-07	1.16E-05	5.20E-04	1.14E-05	4.95E-06	0.00E+00	1.55E-07	6.69E-04	0.00E+00	0.00E+00	6.69E-04
1612	CENSUS	37	372952	3761211	NonCancerChronicDerived_Inh	8.90E-06	1.13E-04	1.38E-06	1.07E-05	1.26E-07	9.03E-06	4.06E-04	8.90E-06	3.94E-06	0.00E+00	1.26E-07	5.26E-04	0.00E+00	0.00E+00	5.26E-04
1613	CENSUS	96	373118.1	3761366	NonCancerChronicDerived_Inh	9.86E-06	1.25E-04	1.53E-06	1.19E-05	1.45E-07	1.00E-05	4.50E-04	9.86E-06	4.55E-06	0.00E+00	1.45E-07	6.05E-04	0.00E+00	0.00E+00	6.05E-04
1614	CENSUS	108	373224.1	3761410	NonCancerChronicDerived_Inh	1.00E-05	1.28E-04	1.56E-06	1.21E-05	1.53E-07	1.02E-05	4.59E-04	1.00E-05	4.79E-06	0.00E+00	1.52E-07	6.32E-04	0.00E+00	0.00E+00	6.32E-04
1615	CENSUS	86	373225	3761237	NonCancerChronicDerived_Inh	8.47E-06	1.08E-04	1.31E-06	1.02E-05	1.28E-07	8.60E-06	3.87E-04	8.47E-06	3.96E-06	0.00E+00	1.28E-07	5.21E-04	0.00E+00	0.00E+00	5.21E-04
1616	CENSUS	28	373336.8	3761225	NonCancerChronicDerived_Inh	8.20E-06	1.04E-04	1.27E-06	9.91E-06	1.25E-07	8.33E-06	3.75E-04	8.20E-06	3.83E-06	0.00E+00	1.24E-07	5.01E-04	0.00E+00	0.00E+00	5.01E-04
1617	CENSUS	20	373243.2	3761083	NonCancerChronicDerived_Inh	7.37E-06	9.36E-05	1.14E-06	8.91E-06	1.10E-07	7.49E-06	3.37E-04	7.37E-06	3.35E-06	0.00E+00	1.09E-07	4.40E-04	0.00E+00	0.00E+00	4.40E-04
1618	CENSUS	0	373397.8	3761251	NonCancerChronicDerived_Inh	8.43E-06	1.07E-04	1.31E-06	1.02E-05	1.29E-07	8.56E-06	3.85E-04	8.43E-06	3.96E-06	0.00E+00	1.28E-07	5.17E-04	0.00E+00	0.00E+00	5.17E-04
1619	CENSUS	0	373389.9	3761536	NonCancerChronicDerived_Inh	1.10E-05	1.39E-04	1.70E-06	1.33E-05	1.75E-07	1.11E-05	5.02E-04	1.10E-05	5.46E-06	0.00E+00	1.74E-07	7.14E-04	0.00E+00	0.00E+00	7.14E-04
1620	CENSUS	0	373806.4	3762792	NonCancerChronicDerived_Inh	2.63E-04	3.31E-03	4.08E-05	3.15E-04	1.42E-06	2.65E-04	1.16E-02	2.63E-04	4.43E-05	0.00E+00	1.40E-06	6.46E-03	0.00E+00	0.00E+00	1.16E-02
1621	CENSUS	0	373776.3	3762227	NonCancerChronicDerived_Inh	2.54E-05	3.25E-04	3.93E-06	3.09E-05	6.55E-07	2.60E-05	1.20E-03	2.54E-05	2.13E-05	0.00E+00	6.54E-07	2.71E-03	0.00E+00	0.00E+00	2.71E-03
1622	CENSUS	0	373541.6	3762779	NonCancerChronicDerived_Inh	1.04E-04	1.31E-03	1.61E-05	1.25E-04	1.03E-06	1.05E-04	4.65E-03	1.04E-04	3.67E-05	0.00E+00	1.03E-06	5.35E-03	0.00E+00	0.00E+00	5.35E-03
1623	CENSUS	0	373680	3761753	NonCancerChronicDerived_Inh	1.40E-05	1.78E-04	2.17E-06	1.70E-05	2.62E-07	1.43E-05	6.46E-04	1.40E-05	8.16E-06	0.00E+00	2.61E-07	1.04E-03	0.00E+00	0.00E+00	1.04E-03
1624	CENSUS	92	373586.7	3762287	NonCancerChronicDerived_Inh	3.07E-05	3.91E-04	4.76E-06	3.71E-05	5.05E-07	3.12E-05	1.40E-03	3.07E-05	1.98E-05	0.00E+00	5.04E-07	2.96E-03	0.00E+00	0.00E+00	2.96E-03
1625	CENSUS	0	373795.8	3761660	NonCancerChronicDerived_Inh	1.27E-05	1.61E-04	1.96E-06	1.54E-05	2.32E-07	1.29E-05	5.83E-04	1.27E-05	7.14E-06	0.00E+00	2.31E-07	9.09E-04	0.00E+00	0.00E+00	9.09E-04
1626	CENSUS	0	373958.2	3761761	NonCancerChronicDerived_Inh	1.39E-05	1.77E-04	2.15E-06	1.69E-05	2.90E-07	1.42E-05	6.43E-04	1.39E-05	8.90E-06	0.00E+00	2.90E-07	1.12E-03	0.00E+00	0.00E+00	1.12E-03
1627	CENSUS	268	372744.8	3762654	NonCancerChronicDerived_Inh	4.78E-05	6.05E-04	7.41E-06	5.75E-05	4.85E-07	4.83E-05	2.15E-03	4.78E-05	1.55E-05	0.00E+00	4.83E-07	2.15E-03	0.00E+00	0.00E+00	2.15E-03
1628	CENSUS	72	372878.3	3762348	NonCancerChronicDerived_Inh	3.59E-05	4.55E-04	5.57E-06	4.33E-05	3.79E-07	3.63E-05	1.62E-03	3.59E-05	1.25E-05	0.00E+00	3.77E-07	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1629	CENSUS	28	372704.9	3762004	NonCancerChronicDerived_Inh	2.15E-05	2.72E-04	3.33E-06	2.59E-05	2.48E-07	2.18E-05	9.72E-04	2.15E-05	7.98E-06	0.00E+00	2.47E-07	1.12E-03	0.00E+00	0.00E+00	1.12E-03
1630	CENSUS	83	373329.2	3762331	NonCancerChronicDerived_Inh	4.11E-05	5.21E-04	6.38E-06	4.95E-05	4.39E-07	4.16E-05	1.85E-03	4.11E-05	1.45E-05	0.00E+00	4.37E-07	2.01E-03	0.00E+00	0.00E+00	2.01E-03
1631	CENSUS	71	373125.3	3762591	NonCancerChronicDerived_Inh	5.65E-05	7.14E-04	8.75E-06	6.79E-05	4.70E-07	5.70E-05	2.52E-03	5.65E-05	1.53E-05	0.00E+00	4.67E-07	2.19E-03	0.00E+00	0.00E+00	2.52E-03
1632	CENSUS	52	373458	3761952	NonCancerChronicDerived_Inh	1.96E-05	2.50E-04	3.04E-06	2.38E-05	3.23E-07	2.00E-05	8.99E-04	1.96E-05	1.09E-05	0.00E+00	3.22E-07	1.49E-03	0.00E+00	0.00E+00	1.49E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1633	CENSUS	82	372967.4	3762355	NonCancerChronicDerived_Inh	3.79E-05	4.79E-04	5.87E-06	4.56E-05	3.89E-07	3.83E-05	1.70E-03	3.79E-05	1.29E-05	0.00E+00	3.87E-07	1.84E-03	0.00E+00	0.00E+00	1.84E-03
1634	CENSUS	0	372636.2	3762517	NonCancerChronicDerived_Inh	3.71E-05	4.69E-04	5.74E-06	4.46E-05	3.86E-07	3.75E-05	1.67E-03	3.71E-05	1.22E-05	0.00E+00	3.84E-07	1.69E-03	0.00E+00	0.00E+00	1.69E-03
1635	CENSUS	124	373423	3762314	NonCancerChronicDerived_Inh	3.93E-05	4.98E-04	6.10E-06	4.74E-05	4.73E-07	3.98E-05	1.78E-03	3.93E-05	1.55E-05	0.00E+00	4.70E-07	2.12E-03	0.00E+00	0.00E+00	2.12E-03
1636	CENSUS	75	372792.4	3762301	NonCancerChronicDerived_Inh	3.23E-05	4.09E-04	5.00E-06	3.89E-05	3.51E-07	3.27E-05	1.46E-03	3.23E-05	1.15E-05	0.00E+00	3.50E-07	1.61E-03	0.00E+00	0.00E+00	1.61E-03
1637	CENSUS	0	373438.6	3761718	NonCancerChronicDerived_Inh	1.33E-05	1.69E-04	2.06E-06	1.61E-05	2.19E-07	1.35E-05	6.09E-04	1.33E-05	6.93E-06	0.00E+00	2.18E-07	9.08E-04	0.00E+00	0.00E+00	9.08E-04
1638	CENSUS	0	373962.6	3761664	NonCancerChronicDerived_Inh	1.26E-05	1.60E-04	1.95E-06	1.53E-05	2.31E-07	1.28E-05	5.80E-04	1.26E-05	7.08E-06	0.00E+00	2.30E-07	9.03E-04	0.00E+00	0.00E+00	9.03E-04
1639	CENSUS	0	374084.4	3761657	NonCancerChronicDerived_Inh	1.24E-05	1.57E-04	1.92E-06	1.50E-05	2.12E-07	1.26E-05	5.67E-04	1.24E-05	6.47E-06	0.00E+00	2.11E-07	8.45E-04	0.00E+00	0.00E+00	8.45E-04
1640	CENSUS	0	373474.7	3761726	NonCancerChronicDerived_Inh	1.33E-05	1.69E-04	2.06E-06	1.61E-05	2.22E-07	1.35E-05	6.09E-04	1.33E-05	7.01E-06	0.00E+00	2.21E-07	9.15E-04	0.00E+00	0.00E+00	9.15E-04
1641	CENSUS	82	373080.3	3761968	NonCancerChronicDerived_Inh	2.17E-05	2.75E-04	3.37E-06	2.62E-05	2.69E-07	2.20E-05	9.84E-04	2.17E-05	8.98E-06	0.00E+00	2.68E-07	1.25E-03	0.00E+00	0.00E+00	1.25E-03
1642	CENSUS	96	373146.3	3762338	NonCancerChronicDerived_Inh	4.04E-05	5.11E-04	6.27E-06	4.87E-05	3.99E-07	4.08E-05	1.82E-03	4.04E-05	1.33E-05	0.00E+00	3.97E-07	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1643	CENSUS	88	373237	3762333	NonCancerChronicDerived_Inh	4.10E-05	5.19E-04	6.36E-06	4.94E-05	4.12E-07	4.14E-05	1.84E-03	4.10E-05	1.36E-05	0.00E+00	4.10E-07	1.92E-03	0.00E+00	0.00E+00	1.92E-03
1644	CENSUS	89	373172.7	3761953	NonCancerChronicDerived_Inh	2.10E-05	2.67E-04	3.26E-06	2.54E-05	2.74E-07	2.13E-05	9.54E-04	2.10E-05	9.17E-06	0.00E+00	2.73E-07	1.27E-03	0.00E+00	0.00E+00	1.27E-03
1645	CENSUS	69	373266	3761939	NonCancerChronicDerived_Inh	2.04E-05	2.59E-04	3.17E-06	2.47E-05	2.83E-07	2.07E-05	9.28E-04	2.04E-05	9.54E-06	0.00E+00	2.82E-07	1.32E-03	0.00E+00	0.00E+00	1.32E-03
1646	CENSUS	71	373359.3	3761926	NonCancerChronicDerived_Inh	1.95E-05	2.47E-04	3.02E-06	2.36E-05	2.93E-07	1.98E-05	8.89E-04	1.95E-05	9.87E-06	0.00E+00	2.92E-07	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1647	CENSUS	71	373056.6	3762343	NonCancerChronicDerived_Inh	3.91E-05	4.95E-04	6.07E-06	4.71E-05	3.93E-07	3.96E-05	1.76E-03	3.91E-05	1.31E-05	0.00E+00	3.91E-07	1.87E-03	0.00E+00	0.00E+00	1.87E-03
1648	CENSUS	61	372989.5	3761990	NonCancerChronicDerived_Inh	2.23E-05	2.83E-04	3.46E-06	2.69E-05	2.66E-07	2.26E-05	1.01E-03	2.23E-05	8.84E-06	0.00E+00	2.65E-07	1.24E-03	0.00E+00	0.00E+00	1.24E-03
1649	CENSUS	33	372927.9	3762084	NonCancerChronicDerived_Inh	2.51E-05	3.18E-04	3.89E-06	3.02E-05	2.86E-07	2.54E-05	1.13E-03	2.51E-05	9.51E-06	0.00E+00	2.85E-07	1.34E-03	0.00E+00	0.00E+00	1.34E-03
1650	CENSUS	45	372845.8	3761986	NonCancerChronicDerived_Inh	2.15E-05	2.72E-04	3.33E-06	2.59E-05	2.50E-07	2.17E-05	9.70E-04	2.15E-05	8.19E-06	0.00E+00	2.49E-07	1.15E-03	0.00E+00	0.00E+00	1.15E-03
1651	CENSUS	16	372765.4	3761940	NonCancerChronicDerived_Inh	2.01E-05	2.55E-04	3.11E-06	2.42E-05	2.35E-07	2.03E-05	9.09E-04	2.01E-05	7.62E-06	0.00E+00	2.34E-07	1.06E-03	0.00E+00	0.00E+00	1.06E-03
1652	CENSUS	0	372733.5	3761882	NonCancerChronicDerived_Inh	1.86E-05	2.35E-04	2.88E-06	2.24E-05	2.19E-07	1.88E-05	8.41E-04	1.86E-05	7.04E-06	0.00E+00	2.18E-07	9.81E-04	0.00E+00	0.00E+00	9.81E-04
1653	CENSUS	0	374865.4	3763128	NonCancerChronicDerived_Inh	3.58E-05	4.53E-04	5.56E-06	4.31E-05	3.65E-07	3.62E-05	1.61E-03	3.58E-05	1.14E-05	0.00E+00	3.63E-07	1.53E-03	0.00E+00	0.00E+00	1.61E-03
1654	CENSUS	21	374725.5	3762580	NonCancerChronicDerived_Inh	9.73E-06	1.26E-04	1.51E-06	1.20E-05	3.93E-07	1.01E-05	4.74E-04	9.73E-06	1.19E-05	0.00E+00	3.92E-07	1.40E-03	0.00E+00	0.00E+00	1.40E-03
1655	CENSUS	0	374705.7	3762798	NonCancerChronicDerived_Inh	1.34E-05	1.73E-04	2.08E-06	1.65E-05	4.55E-07	1.39E-05	6.44E-04	1.34E-05	1.39E-05	0.00E+00	4.54E-07	1.65E-03	0.00E+00	0.00E+00	1.65E-03
1656	CENSUS	10	374854.6	3762458	NonCancerChronicDerived_Inh	9.22E-06	1.18E-04	1.43E-06	1.12E-05	2.36E-07	9.46E-06	4.33E-04	9.22E-06	7.13E-06	0.00E+00	2.35E-07	8.61E-04	0.00E+00	0.00E+00	8.61E-04
1657	CENSUS	49	374850.6	3762610	NonCancerChronicDerived_Inh	8.29E-06	1.07E-04	1.28E-06	1.02E-05	2.99E-07	8.59E-06	4.00E-04	8.29E-06	9.08E-06	0.00E+00	2.99E-07	1.07E-03	0.00E+00	0.00E+00	1.07E-03
1658	CENSUS	80	375211.5	3763031	NonCancerChronicDerived_Inh	1.30E-05	1.66E-04	2.02E-06	1.58E-05	2.31E-07	1.33E-05	5.99E-04	1.30E-05	7.09E-06	0.00E+00	2.31E-07	8.87E-04	0.00E+00	0.00E+00	8.87E-04
1659	CENSUS	61	375245.9	3763112	NonCancerChronicDerived_Inh	1.54E-05	1.95E-04	2.38E-06	1.86E-05	2.29E-07	1.56E-05	7.00E-04	1.54E-05	7.01E-06	0.00E+00	2.28E-07	8.93E-04	0.00E+00	0.00E+00	8.93E-04
1660	CENSUS	34	375299.2	3763191	NonCancerChronicDerived_Inh	1.80E-05	2.28E-04	2.79E-06	2.17E-05	2.24E-07	1.82E-05	8.13E-04	1.80E-05	6.89E-06	0.00E+00	2.23E-07	8.95E-04	0.00E+00	0.00E+00	8.95E-04
1661	CENSUS	37	375253.3	3763277	NonCancerChronicDerived_Inh	2.29E-05	2.89E-04	3.55E-06	2.75E-05	2.22E-07	2.31E-05	1.03E-03	2.29E-05	6.82E-06	0.00E+00	2.21E-07	9.17E-04	0.00E+00	0.00E+00	1.03E-03
1662	CENSUS	77	375135	3762933	NonCancerChronicDerived_Inh	1.09E-05	1.40E-04	1.70E-06	1.33E-05	2.38E-07	1.12E-05	5.09E-04	1.09E-05	7.29E-06	0.00E+00	2.38E-07	8.95E-04	0.00E+00	0.00E+00	8.95E-04
1663	CENSUS	64	375057.8	3762874	NonCancerChronicDerived_Inh	9.77E-06	1.25E-04	1.52E-06	1.19E-05	2.44E-07	1.00E-05	4.58E-04	9.77E-06	7.45E-06	0.00E+00	2.43E-07	9.06E-04	0.00E+00	0.00E+00	9.06E-04
1664	CENSUS	68	374996.8	3762805	NonCancerChronicDerived_Inh	8.64E-06	1.11E-04	1.34E-06	1.06E-05	2.50E-07	8.89E-06	4.09E-04	8.64E-06	7.62E-06	0.00E+00	2.50E-07	9.17E-04	0.00E+00	0.00E+00	9.17E-04
1665	CENSUS	54	374949.6	3762729	NonCancerChronicDerived_Inh	7.98E-06	1.02E-04	1.24E-06	9.78E-06	2.60E-07	8.24E-06	3.82E-04	7.98E-06	7.90E-06	0.00E+00	2.59E-07	9.43E-04	0.00E+00	0.00E+00	9.43E-04
1666	CENSUS	49	374944.8	3762629	NonCancerChronicDerived_Inh	7.93E-06	1.02E-04	1.23E-06	9.73E-06	2.58E-07	8.19E-06	3.79E-04	7.93E-06	7.83E-06	0.00E+00	2.57E-07	9.33E-04	0.00E+00	0.00E+00	9.33E-04
1667	CENSUS	0	374634.1	3762678	NonCancerChronicDerived_Inh	1.22E-05	1.57E-04	1.89E-06	1.50E-05	4.74E-07	1.26E-05	5.91E-04	1.22E-05	1.44E-05	0.00E+00	4.73E-07	1.70E-03	0.00E+00	0.00E+00	1.70E-03
1668	CENSUS	25	375310.7	3762916	NonCancerChronicDerived_Inh	1.02E-05	1.30E-04	1.58E-06	1.24E-05	2.09E-07	1.04E-05	4.72E-04	1.02E-05	6.38E-06	0.00E+00	2.08E-07	7.89E-04	0.00E+00	0.00E+00	7.89E-04
1669	CENSUS	43	375367.7	3762792	NonCancerChronicDerived_Inh	8.46E-06	1.08E-04	1.31E-06	1.03E-05	1.82E-07	8.64E-06	3.93E-04	8.46E-06	5.55E-06	0.00E+00	1.81E-07	6.85E-04	0.00E+00	0.00E+00	6.85E-04
1670	CENSUS	20	375300.7	3762759	NonCancerChronicDerived_Inh	8.36E-06	1.07E-04	1.30E-06	1.02E-05	1.92E-07	8.56E-06	3.90E-04	8.36E-06	5.86E-06	0.00E+00	1.92E-07	7.20E-04	0.00E+00	0.00E+00	7.20E-04
1671	CENSUS	144	375455.4	3762540	NonCancerChronicDerived_Inh	6.44E-06	8.19E-05	9.98E-07	7.80E-06	1.17E-07	6.56E-06	2.97E-04	6.44E-06	3.55E-06	0.00E+00	1.17E-07	4.50E-04	0.00E+00	0.00E+00	4.50E-04
1672	CENSUS	38	375353.3	3762580	NonCancerChronicDerived_Inh	7.09E-06	9.03E-05	1.10E-06	8.61E-06	1.47E-07	7.24E-06	3.29E-04	7.09E-06	4.47E-06	0.00E+00	1.47E-07	5.58E-04	0.00E+00	0.00E+00	5.58E-04
1673	CENSUS	69	375241.4	3762590	NonCancerChronicDerived_Inh	7.45E-06	9.50E-05	1.15E-06	9.06E-06	1.68E-07	7.62E-06	3.47E-04	7.45E-06	5.12E-06	0.00E+00	1.68E-07	6.32E-04	0.00E+00	0.00E+00	6.32E-04
1674	CENSUS	162	375327.6	3762408	NonCancerChronicDerived_Inh	6.70E-06	8.51E-05	1.04E-06	8.10E-06	1.10E-07	6.81E-06	3.07E-04	6.70E-06	3.33E-06	0.00E+00	1.10E-07	4.28E-04	0.00E+00	0.00E+00	4.28E-04
1675	CENSUS	60	375348.5	3762306	NonCancerChronicDerived_Inh	6.62E-06	8.39E-05	1.03E-06	7.99E-06	8.99E-08	6.71E-06	3.01E-04	6.62E-06	2.71E-06	0.00E+00	8.95E-08	3.56E-04	0.00E+00	0.00E+00	3.56E-04
1676	CENSUS	51	375017.4	3762454	NonCancerChronicDerived_Inh	8.67E-06	1.10E-04	1.34E-06	1.05E-05	1.85E-07	8.85E-06	4.02E-04	8.67E-06	5.61E-06	0.00E+00	1.84E-07	6.92E-04	0.00E+00	0.00E+00	6.92E-04
1677	CENSUS	146	375236.2	3762327	NonCancerChronicDerived_Inh	7.40E-06	9.38E-05	1.15E-06	8.94E-06	1.08E-07	7.51E-06	3.37E-04	7.40E-06	3.26E-06	0.00E+00	1.07E-07	4.23E-04	0.00E+00	0.00E+00	4.23E-04
1678	CENSUS	0	375238.8	3761939	NonCancerChronicDerived_Inh	7.49E-06	9.47E-05	1.16E-06	9.01E-06	6.42E-08	7.56E-06	3.36E-04	7.49E-06	1.92E-06	0.00E+00	6.38E-08	2.69E-04	0.00E+00	0.00E+00	3.36E-04
1679	CENSUS	24	375342.7	3761939	NonCancerChronicDerived_Inh	6.92E-06	8.74E-05	1.07E-06	8.32E-06	5.85E-08	6.98E-06	3.10E-04	6.92E-06	1.74E-06	0.00E+00	5.81E-08	2.45E-04	0.00E+00	0.00E+00	3.10E-04
1680	CENSUS	2	375252.8	3761961	NonCancerChronicDerived_Inh	7.47E-06	9.44E-05	1.16E-06	8.98E-06	6.49E-08	7.54E-06	3.35E-04	7.47E-06	1.94E-06	0.00E+00	6.45E-08	2.71E-04	0.00E+00	0.00E+00	3.35E-04

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1681	CENSUS	210	375140.5	3762234	NonCancerChronicDerived_Inh	8.48E-06	1.07E-04	1.31E-06	1.02E-05	1.02E-07	8.58E-06	3.84E-04	8.48E-06	3.07E-06	0.00E+00	1.01E-07	4.08E-04	0.00E+00	0.00E+00	4.08E-04
1682	CENSUS	85	375154.8	3762148	NonCancerChronicDerived_Inh	8.45E-06	1.07E-04	1.31E-06	1.02E-05	8.86E-08	8.54E-06	3.81E-04	8.45E-06	2.66E-06	0.00E+00	8.81E-08	3.60E-04	0.00E+00	0.00E+00	3.81E-04
1683	CENSUS	57	375072.8	3761852	NonCancerChronicDerived_Inh	8.16E-06	1.03E-04	1.26E-06	9.81E-06	6.89E-08	8.23E-06	3.66E-04	8.16E-06	2.03E-06	0.00E+00	6.84E-08	2.84E-04	0.00E+00	0.00E+00	3.66E-04
1684	CENSUS	55	375122.1	3761985	NonCancerChronicDerived_Inh	8.44E-06	1.07E-04	1.31E-06	1.01E-05	7.54E-08	8.51E-06	3.79E-04	8.44E-06	2.24E-06	0.00E+00	7.49E-08	3.11E-04	0.00E+00	0.00E+00	3.79E-04
1685	CENSUS	52	375121.6	3762088	NonCancerChronicDerived_Inh	8.68E-06	1.10E-04	1.35E-06	1.04E-05	8.34E-08	8.77E-06	3.90E-04	8.68E-06	2.49E-06	0.00E+00	8.29E-08	3.42E-04	0.00E+00	0.00E+00	3.90E-04
1686	CENSUS	21	375207	3761815	NonCancerChronicDerived_Inh	7.41E-06	9.36E-05	1.15E-06	8.91E-06	5.97E-08	7.47E-06	3.32E-04	7.41E-06	1.76E-06	0.00E+00	5.93E-08	2.49E-04	0.00E+00	0.00E+00	3.32E-04
1687	CENSUS	0	374590.5	3762620	NonCancerChronicDerived_Inh	1.30E-05	1.68E-04	2.02E-06	1.61E-05	5.29E-07	1.35E-05	6.35E-04	1.30E-05	1.61E-05	0.00E+00	5.28E-07	1.89E-03	0.00E+00	0.00E+00	1.89E-03
1688	CENSUS	64	374577.8	3762514	NonCancerChronicDerived_Inh	1.28E-05	1.66E-04	1.98E-06	1.59E-05	6.80E-07	1.34E-05	6.41E-04	1.28E-05	2.06E-05	0.00E+00	6.79E-07	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1689	CENSUS	37	374637	3762371	NonCancerChronicDerived_Inh	1.14E-05	1.46E-04	1.76E-06	1.40E-05	3.89E-07	1.18E-05	5.46E-04	1.14E-05	1.18E-05	0.00E+00	3.88E-07	1.38E-03	0.00E+00	0.00E+00	1.38E-03
1690	CENSUS	123	374906.6	3762064	NonCancerChronicDerived_Inh	9.46E-06	1.20E-04	1.47E-06	1.14E-05	9.15E-08	9.55E-06	4.25E-04	9.46E-06	2.73E-06	0.00E+00	9.10E-08	3.75E-04	0.00E+00	0.00E+00	4.25E-04
1691	CENSUS	74	374966	3762166	NonCancerChronicDerived_Inh	9.48E-06	1.20E-04	1.47E-06	1.14E-05	1.01E-07	9.58E-06	4.27E-04	9.48E-06	3.01E-06	0.00E+00	1.00E-07	4.09E-04	0.00E+00	0.00E+00	4.27E-04
1692	CENSUS	325	374728	3761965	NonCancerChronicDerived_Inh	1.03E-05	1.31E-04	1.60E-06	1.24E-05	1.17E-07	1.04E-05	4.66E-04	1.03E-05	3.51E-06	0.00E+00	1.17E-07	4.75E-04	0.00E+00	0.00E+00	4.75E-04
1693	CENSUS	28	374645	3762041	NonCancerChronicDerived_Inh	1.06E-05	1.35E-04	1.65E-06	1.28E-05	1.47E-07	1.08E-05	4.84E-04	1.06E-05	4.42E-06	0.00E+00	1.47E-07	5.97E-04	0.00E+00	0.00E+00	5.97E-04
1694	CENSUS	0	374773	3761992	NonCancerChronicDerived_Inh	1.04E-05	1.32E-04	1.61E-06	1.25E-05	1.20E-07	1.05E-05	4.70E-04	1.04E-05	3.60E-06	0.00E+00	1.20E-07	4.87E-04	0.00E+00	0.00E+00	4.87E-04
1695	CENSUS	72	374677.8	3762218	NonCancerChronicDerived_Inh	1.18E-05	1.50E-04	1.83E-06	1.43E-05	2.32E-07	1.20E-05	5.45E-04	1.18E-05	7.01E-06	0.00E+00	2.32E-07	8.69E-04	0.00E+00	0.00E+00	8.69E-04
1696	CENSUS	28	374611.6	3762288	NonCancerChronicDerived_Inh	1.22E-05	1.57E-04	1.90E-06	1.50E-05	3.49E-07	1.26E-05	5.79E-04	1.22E-05	1.05E-05	0.00E+00	3.49E-07	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1697	CENSUS	0	374413.2	3762529	NonCancerChronicDerived_Inh	1.97E-05	2.62E-04	3.06E-06	2.51E-05	1.57E-06	2.13E-05	1.06E-03	1.97E-05	4.77E-05	0.00E+00	1.57E-06	5.42E-03	0.00E+00	0.00E+00	5.42E-03
1698	CENSUS	350	374193.3	3762156	NonCancerChronicDerived_Inh	2.02E-05	2.63E-04	3.13E-06	2.52E-05	1.06E-06	2.13E-05	1.01E-03	2.02E-05	3.24E-05	0.00E+00	1.06E-06	3.75E-03	0.00E+00	0.00E+00	3.75E-03
1699	CENSUS	112	374691.6	3761662	NonCancerChronicDerived_Inh	9.13E-06	1.15E-04	1.42E-06	1.10E-05	8.72E-08	9.22E-06	4.11E-04	9.13E-06	2.59E-06	0.00E+00	8.67E-08	3.55E-04	0.00E+00	0.00E+00	4.11E-04
1700	CENSUS	23	374761.6	3761594	NonCancerChronicDerived_Inh	8.34E-06	1.05E-04	1.29E-06	1.00E-05	7.57E-08	8.42E-06	3.75E-04	8.34E-06	2.24E-06	0.00E+00	7.52E-08	3.09E-04	0.00E+00	0.00E+00	3.75E-04
1701	CENSUS	74	374624.3	3761489	NonCancerChronicDerived_Inh	8.64E-06	1.09E-04	1.34E-06	1.04E-05	7.85E-08	8.72E-06	3.88E-04	8.64E-06	2.35E-06	0.00E+00	7.80E-08	3.31E-04	0.00E+00	0.00E+00	3.88E-04
1702	CENSUS	34	374605.6	3761353	NonCancerChronicDerived_Inh	7.92E-06	1.00E-04	1.23E-06	9.52E-06	6.67E-08	7.99E-06	3.55E-04	7.92E-06	1.99E-06	0.00E+00	6.63E-08	2.83E-04	0.00E+00	0.00E+00	3.55E-04
1703	CENSUS	83	374515.1	3761531	NonCancerChronicDerived_Inh	9.16E-06	1.16E-04	1.42E-06	1.10E-05	8.73E-08	9.25E-06	4.11E-04	9.16E-06	2.63E-06	0.00E+00	8.68E-08	3.70E-04	0.00E+00	0.00E+00	4.11E-04
1704	CENSUS	0	374440.8	3761452	NonCancerChronicDerived_Inh	8.80E-06	1.11E-04	1.36E-06	1.06E-05	8.13E-08	8.88E-06	3.95E-04	8.80E-06	2.44E-06	0.00E+00	8.08E-08	3.44E-04	0.00E+00	0.00E+00	3.95E-04
1705	CENSUS	137	374317.4	3761468	NonCancerChronicDerived_Inh	9.72E-06	1.23E-04	1.51E-06	1.17E-05	9.79E-08	9.82E-06	4.37E-04	9.71E-06	2.96E-06	0.00E+00	9.74E-08	4.11E-04	0.00E+00	0.00E+00	4.37E-04
1706	CENSUS	123	374273.3	3761382	NonCancerChronicDerived_Inh	9.32E-06	1.18E-04	1.44E-06	1.12E-05	9.04E-08	9.42E-06	4.19E-04	9.32E-06	2.73E-06	0.00E+00	8.99E-08	3.79E-04	0.00E+00	0.00E+00	4.19E-04
1707	CENSUS	48	374309.3	3761171	NonCancerChronicDerived_Inh	7.92E-06	1.00E-04	1.23E-06	9.52E-06	6.70E-08	7.99E-06	3.55E-04	7.92E-06	2.00E-06	0.00E+00	6.66E-08	2.83E-04	0.00E+00	0.00E+00	3.55E-04
1708	CENSUS	10	374993.8	3761699	NonCancerChronicDerived_Inh	7.65E-06	9.66E-05	1.19E-06	9.19E-06	6.70E-08	7.72E-06	3.43E-04	7.64E-06	1.97E-06	0.00E+00	6.66E-08	2.75E-04	0.00E+00	0.00E+00	3.43E-04
1709	CENSUS	23	374935.9	3761602	NonCancerChronicDerived_Inh	7.42E-06	9.37E-05	1.15E-06	8.92E-06	6.63E-08	7.49E-06	3.33E-04	7.42E-06	1.95E-06	0.00E+00	6.59E-08	2.71E-04	0.00E+00	0.00E+00	3.33E-04
1710	CENSUS	31	374883.6	3761611	NonCancerChronicDerived_Inh	7.69E-06	9.71E-05	1.19E-06	9.25E-06	7.00E-08	7.76E-06	3.45E-04	7.69E-06	2.06E-06	0.00E+00	6.95E-08	2.85E-04	0.00E+00	0.00E+00	3.45E-04
1711	CENSUS	8	374833.3	3761616	NonCancerChronicDerived_Inh	7.97E-06	1.01E-04	1.24E-06	9.58E-06	7.23E-08	8.04E-06	3.58E-04	7.97E-06	2.13E-06	0.00E+00	7.19E-08	2.95E-04	0.00E+00	0.00E+00	3.58E-04
1712	CENSUS	14	374818.7	3761527	NonCancerChronicDerived_Inh	7.76E-06	9.81E-05	1.20E-06	9.33E-06	6.88E-08	7.83E-06	3.49E-04	7.76E-06	2.02E-06	0.00E+00	6.84E-08	2.81E-04	0.00E+00	0.00E+00	3.49E-04
1713	CENSUS	41	374865.7	3761513	NonCancerChronicDerived_Inh	7.45E-06	9.41E-05	1.15E-06	8.95E-06	6.56E-08	7.51E-06	3.34E-04	7.44E-06	1.92E-06	0.00E+00	6.52E-08	2.68E-04	0.00E+00	0.00E+00	3.34E-04
1714	CENSUS	52	374917.9	3761502	NonCancerChronicDerived_Inh	7.15E-06	9.03E-05	1.11E-06	8.60E-06	6.29E-08	7.21E-06	3.21E-04	7.15E-06	1.84E-06	0.00E+00	6.25E-08	2.56E-04	0.00E+00	0.00E+00	3.21E-04
1715	CENSUS	42	375011.8	3761596	NonCancerChronicDerived_Inh	7.10E-06	8.97E-05	1.10E-06	8.54E-06	6.16E-08	7.17E-06	3.19E-04	7.10E-06	1.81E-06	0.00E+00	6.12E-08	2.53E-04	0.00E+00	0.00E+00	3.19E-04
1716	CENSUS	12	374799.4	3761431	NonCancerChronicDerived_Inh	7.61E-06	9.62E-05	1.18E-06	9.15E-06	6.59E-08	7.68E-06	3.42E-04	7.61E-06	1.93E-06	0.00E+00	6.54E-08	2.70E-04	0.00E+00	0.00E+00	3.42E-04
1717	PROPERTY		373878.3	3763644	NonCancerChronicDerived_Inh	4.02E-04	5.06E-03	6.23E-05	4.82E-04	1.36E-06	4.04E-04	1.77E-02	4.02E-04	3.69E-05	0.00E+00	1.33E-06	6.66E-03	0.00E+00	0.00E+00	1.77E-02
1718	PROPERTY		373970.5	3763624	NonCancerChronicDerived_Inh	3.19E-04	4.02E-03	4.94E-05	3.82E-04	1.03E-06	3.21E-04	1.41E-02	3.19E-04	2.83E-05	0.00E+00	1.01E-06	5.07E-03	0.00E+00	0.00E+00	1.41E-02
1719	PROPERTY		374064.3	3763658	NonCancerChronicDerived_Inh	2.46E-04	3.10E-03	3.82E-05	2.95E-04	7.27E-07	2.47E-04	1.08E-02	2.46E-04	1.92E-05	0.00E+00	7.14E-07	3.61E-03	0.00E+00	0.00E+00	1.08E-02
1720	PROPERTY		374104.6	3763597	NonCancerChronicDerived_Inh	2.29E-04	2.88E-03	3.55E-05	2.74E-04	5.90E-07	2.30E-04	1.01E-02	2.29E-04	1.66E-05	0.00E+00	5.78E-07	3.19E-03	0.00E+00	0.00E+00	1.01E-02
1721	PROPERTY		374149.7	3763551	NonCancerChronicDerived_Inh	2.30E-04	2.89E-03	3.55E-05	2.75E-04	5.25E-07	2.30E-04	1.00E-02	2.30E-04	1.55E-05	0.00E+00	5.13E-07	3.07E-03	0.00E+00	0.00E+00	1.00E-02
1722	PROPERTY		374116.7	3763467	NonCancerChronicDerived_Inh	2.69E-04	3.38E-03	4.16E-05	3.21E-04	5.43E-07	2.69E-04	1.18E-02	2.69E-04	1.69E-05	0.00E+00	5.28E-07	3.45E-03	0.00E+00	0.00E+00	1.18E-02
1723	PROPERTY		374142.8	3763403	NonCancerChronicDerived_Inh	2.88E-04	3.62E-03	4.46E-05	3.44E-04	4.77E-07	2.89E-04	1.26E-02	2.88E-04	1.56E-05	0.00E+00	4.61E-07	3.45E-03	0.00E+00	0.00E+00	1.26E-02
1724	PROPERTY		374142.2	3763307	NonCancerChronicDerived_Inh	3.21E-04	4.03E-03	4.97E-05	3.83E-04	4.51E-07	3.21E-04	1.40E-02	3.21E-04	1.58E-05	0.00E+00	4.33E-07	3.72E-03	0.00E+00	0.00E+00	1.40E-02
1725	PROPERTY		374140	3763207	NonCancerChronicDerived_Inh	3.31E-04	4.16E-03	5.13E-05	3.95E-04	5.07E-07	3.31E-04	1.45E-02	3.31E-04	1.78E-05	0.00E+00	4.89E-07	4.02E-03	0.00E+00	0.00E+00	1.45E-02
1726	PROPERTY		374184.9	3763187	NonCancerChronicDerived_Inh	2.84E-04	3.57E-03	4.41E-05	3.39E-04	4.36E-07	2.84E-04	1.24E-02	2.84E-04	1.50E-05	0.00E+00	4.20E-07	3.39E-03	0.00E+00	0.00E+00	1.24E-02
1727	PROPERTY		374255.8	3763140	NonCancerChronicDerived_Inh	2.10E-04	2.63E-03	3.25E-05	2.51E-04	4.72E-07	2.10E-04	9.19E-03	2.10E-04	1.52E-05	0.00E+00	4.61E-07	2.91E-03	0.00E+00	0.00E+00	9.19E-03
1728	PROPERTY		374255.9	3763058	NonCancerChronicDerived_Inh	1.59E-04	2.00E-03	2.47E-05	1.91E-04	7.12E-07	1.60E-04	7.03E-03	1.59E-04	2.20E-05	0.00E+00	7.03E-07	3.35E-03	0.00E+00	0.00E+00	7.03E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1729	PROPERTY		374303.9	3763049	NonCancerChronicDerived_Inh	1.14E-04	1.44E-03	1.76E-05	1.37E-04	1.71E-06	1.15E-04	5.17E-03	1.14E-04	5.20E-05	0.00E+00	1.70E-06	6.42E-03	0.00E+00	0.00E+00	6.42E-03
1730	PROPERTY		374350.8	3763006	NonCancerChronicDerived_Inh	6.16E-05	7.77E-04	9.55E-06	7.40E-05	5.02E-07	6.21E-05	2.75E-03	6.16E-05	1.55E-05	0.00E+00	4.99E-07	2.10E-03	0.00E+00	0.00E+00	2.75E-03
1731	PROPERTY		374338.8	3762922	NonCancerChronicDerived_Inh	3.29E-05	4.20E-04	5.11E-06	4.01E-05	7.83E-07	3.37E-05	1.54E-03	3.29E-05	2.39E-05	0.00E+00	7.81E-07	2.88E-03	0.00E+00	0.00E+00	2.88E-03
1732	PROPERTY		374390.8	3762908	NonCancerChronicDerived_Inh	2.51E-05	3.20E-04	3.90E-06	3.05E-05	4.99E-07	2.56E-05	1.16E-03	2.51E-05	1.53E-05	0.00E+00	4.98E-07	1.88E-03	0.00E+00	0.00E+00	1.88E-03
1733	PROPERTY		374432	3762848	NonCancerChronicDerived_Inh	1.86E-05	2.48E-04	2.88E-06	2.38E-05	1.70E-06	2.03E-05	1.02E-03	1.86E-05	5.14E-05	0.00E+00	1.69E-06	5.83E-03	0.00E+00	0.00E+00	5.83E-03
1734	PROPERTY		374466.4	3762754	NonCancerChronicDerived_Inh	1.51E-05	1.98E-04	2.34E-06	1.90E-05	9.04E-07	1.60E-05	7.72E-04	1.51E-05	2.75E-05	0.00E+00	9.04E-07	3.17E-03	0.00E+00	0.00E+00	3.17E-03
1735	PROPERTY		374500.8	3762660	NonCancerChronicDerived_Inh	1.53E-05	1.98E-04	2.37E-06	1.89E-05	7.02E-07	1.60E-05	7.56E-04	1.53E-05	2.14E-05	0.00E+00	7.01E-07	2.49E-03	0.00E+00	0.00E+00	2.49E-03
1736	PROPERTY		374509.2	3762571	NonCancerChronicDerived_Inh	1.42E-05	1.85E-04	2.21E-06	1.77E-05	6.85E-07	1.49E-05	7.07E-04	1.42E-05	2.08E-05	0.00E+00	6.84E-07	2.42E-03	0.00E+00	0.00E+00	2.42E-03
1737	PROPERTY		374507.2	3762488	NonCancerChronicDerived_Inh	1.51E-05	1.99E-04	2.33E-06	1.91E-05	1.14E-06	1.62E-05	7.99E-04	1.51E-05	3.46E-05	0.00E+00	1.14E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
1738	PROPERTY		374485.3	3762391	NonCancerChronicDerived_Inh	1.62E-05	2.15E-04	2.52E-06	2.06E-05	1.20E-06	1.74E-05	8.56E-04	1.62E-05	3.62E-05	0.00E+00	1.19E-06	4.12E-03	0.00E+00	0.00E+00	4.12E-03
1739	PROPERTY		374481	3762291	NonCancerChronicDerived_Inh	1.60E-05	2.09E-04	2.48E-06	2.00E-05	9.02E-07	1.69E-05	8.14E-04	1.60E-05	2.74E-05	0.00E+00	9.01E-07	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1740	PROPERTY		374481.6	3762191	NonCancerChronicDerived_Inh	1.51E-05	1.96E-04	2.34E-06	1.87E-05	7.51E-07	1.58E-05	7.57E-04	1.51E-05	2.27E-05	0.00E+00	7.50E-07	2.64E-03	0.00E+00	0.00E+00	2.64E-03
1741	PROPERTY		374496.6	3762092	NonCancerChronicDerived_Inh	1.37E-05	1.77E-04	2.12E-06	1.69E-05	5.50E-07	1.43E-05	6.69E-04	1.37E-05	1.67E-05	0.00E+00	5.49E-07	1.97E-03	0.00E+00	0.00E+00	1.97E-03
1742	PROPERTY		374507.3	3761993	NonCancerChronicDerived_Inh	1.26E-05	1.60E-04	1.95E-06	1.53E-05	2.90E-07	1.29E-05	5.87E-04	1.26E-05	8.82E-06	0.00E+00	2.90E-07	1.17E-03	0.00E+00	0.00E+00	1.17E-03
1743	PROPERTY		374508	3761893	NonCancerChronicDerived_Inh	1.16E-05	1.48E-04	1.80E-06	1.41E-05	2.21E-07	1.19E-05	5.37E-04	1.16E-05	6.72E-06	0.00E+00	2.21E-07	9.03E-04	0.00E+00	0.00E+00	9.03E-04
1744	PROPERTY		374492.3	3761807	NonCancerChronicDerived_Inh	1.11E-05	1.41E-04	1.72E-06	1.34E-05	1.55E-07	1.13E-05	5.05E-04	1.11E-05	4.71E-06	0.00E+00	1.55E-07	6.56E-04	0.00E+00	0.00E+00	6.56E-04
1745	PROPERTY		374402.7	3761799	NonCancerChronicDerived_Inh	1.17E-05	1.48E-04	1.81E-06	1.41E-05	2.00E-07	1.19E-05	5.35E-04	1.17E-05	6.09E-06	0.00E+00	2.00E-07	9.02E-04	0.00E+00	0.00E+00	9.02E-04
1746	PROPERTY		374333	3761769	NonCancerChronicDerived_Inh	1.19E-05	1.52E-04	1.85E-06	1.44E-05	2.32E-07	1.21E-05	5.50E-04	1.19E-05	7.04E-06	0.00E+00	2.31E-07	1.01E-03	0.00E+00	0.00E+00	1.01E-03
1747	PROPERTY		374256.6	3761794	NonCancerChronicDerived_Inh	1.29E-05	1.65E-04	2.00E-06	1.57E-05	3.15E-07	1.32E-05	6.03E-04	1.29E-05	9.57E-06	0.00E+00	3.14E-07	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1748	PROPERTY		374212.3	3761849	NonCancerChronicDerived_Inh	1.39E-05	1.78E-04	2.15E-06	1.69E-05	3.69E-07	1.43E-05	6.53E-04	1.39E-05	1.12E-05	0.00E+00	3.68E-07	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1749	PROPERTY		374112.3	3761852	NonCancerChronicDerived_Inh	1.49E-05	1.90E-04	2.31E-06	1.81E-05	3.73E-07	1.53E-05	6.97E-04	1.49E-05	1.14E-05	0.00E+00	3.72E-07	1.42E-03	0.00E+00	0.00E+00	1.42E-03
1750	PROPERTY		374128.9	3761865	NonCancerChronicDerived_Inh	1.50E-05	1.91E-04	2.32E-06	1.83E-05	3.90E-07	1.54E-05	7.03E-04	1.50E-05	1.19E-05	0.00E+00	3.89E-07	1.48E-03	0.00E+00	0.00E+00	1.48E-03
1751	PROPERTY		374156.7	3761936	NonCancerChronicDerived_Inh	1.61E-05	2.07E-04	2.50E-06	1.98E-05	5.01E-07	1.67E-05	7.69E-04	1.61E-05	1.52E-05	0.00E+00	5.00E-07	1.84E-03	0.00E+00	0.00E+00	1.84E-03
1752	PROPERTY		374156.7	3762036	NonCancerChronicDerived_Inh	1.83E-05	2.36E-04	2.83E-06	2.25E-05	7.09E-07	1.90E-05	8.88E-04	1.83E-05	2.16E-05	0.00E+00	7.08E-07	2.54E-03	0.00E+00	0.00E+00	2.54E-03
1753	PROPERTY		374156.8	3762136	NonCancerChronicDerived_Inh	2.06E-05	2.67E-04	3.20E-06	2.55E-05	8.59E-07	2.15E-05	1.01E-03	2.06E-05	2.61E-05	0.00E+00	8.58E-07	3.05E-03	0.00E+00	0.00E+00	3.05E-03
1754	PROPERTY		374156.8	3762236	NonCancerChronicDerived_Inh	2.35E-05	3.06E-04	3.65E-06	2.92E-05	1.12E-06	2.47E-05	1.17E-03	2.35E-05	3.41E-05	0.00E+00	1.12E-06	3.96E-03	0.00E+00	0.00E+00	3.96E-03
1755	PROPERTY		374070.2	3762223	NonCancerChronicDerived_Inh	2.39E-05	3.08E-04	3.71E-06	2.94E-05	8.81E-07	2.48E-05	1.15E-03	2.39E-05	2.68E-05	0.00E+00	8.79E-07	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1756	PROPERTY		373982.1	3762247	NonCancerChronicDerived_Inh	2.53E-05	3.27E-04	3.92E-06	3.12E-05	1.03E-06	2.63E-05	1.24E-03	2.53E-05	3.15E-05	0.00E+00	1.03E-06	3.70E-03	0.00E+00	0.00E+00	3.70E-03
1757	PROPERTY		373919.4	3762187	NonCancerChronicDerived_Inh	2.30E-05	2.95E-04	3.56E-06	2.82E-05	7.35E-07	2.37E-05	1.10E-03	2.30E-05	2.27E-05	0.00E+00	7.34E-07	2.74E-03	0.00E+00	0.00E+00	2.74E-03
1758	PROPERTY		373887.7	3762093	NonCancerChronicDerived_Inh	2.05E-05	2.62E-04	3.17E-06	2.50E-05	5.55E-07	2.10E-05	9.65E-04	2.05E-05	1.71E-05	0.00E+00	5.54E-07	2.08E-03	0.00E+00	0.00E+00	2.08E-03
1759	PROPERTY		373815.8	3762029	NonCancerChronicDerived_Inh	1.91E-05	2.44E-04	2.96E-06	2.32E-05	4.60E-07	1.95E-05	8.91E-04	1.91E-05	1.43E-05	0.00E+00	4.59E-07	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1760	PROPERTY		373715.9	3762024	NonCancerChronicDerived_Inh	1.86E-05	2.37E-04	2.88E-06	2.26E-05	4.52E-07	1.90E-05	8.69E-04	1.86E-05	1.43E-05	0.00E+00	4.51E-07	1.79E-03	0.00E+00	0.00E+00	1.79E-03
1761	PROPERTY		373700.9	3761935	NonCancerChronicDerived_Inh	1.70E-05	2.17E-04	2.63E-06	2.06E-05	3.53E-07	1.73E-05	7.87E-04	1.70E-05	1.11E-05	0.00E+00	3.52E-07	1.41E-03	0.00E+00	0.00E+00	1.41E-03
1762	PROPERTY		373682.9	3761849	NonCancerChronicDerived_Inh	1.56E-05	1.99E-04	2.42E-06	1.89E-05	3.05E-07	1.59E-05	7.21E-04	1.56E-05	9.57E-06	0.00E+00	3.04E-07	1.22E-03	0.00E+00	0.00E+00	1.22E-03
1763	PROPERTY		373582.9	3761849	NonCancerChronicDerived_Inh	1.51E-05	1.92E-04	2.34E-06	1.83E-05	2.78E-07	1.54E-05	6.94E-04	1.51E-05	8.80E-06	0.00E+00	2.78E-07	1.13E-03	0.00E+00	0.00E+00	1.13E-03
1764	PROPERTY		373543.8	3761893	NonCancerChronicDerived_Inh	1.62E-05	2.06E-04	2.51E-06	1.96E-05	3.04E-07	1.65E-05	7.46E-04	1.62E-05	9.74E-06	0.00E+00	3.03E-07	1.26E-03	0.00E+00	0.00E+00	1.26E-03
1765	PROPERTY		373575.2	3761988	NonCancerChronicDerived_Inh	1.87E-05	2.39E-04	2.90E-06	2.27E-05	4.29E-07	1.91E-05	8.73E-04	1.87E-05	1.39E-05	0.00E+00	4.28E-07	1.78E-03	0.00E+00	0.00E+00	1.78E-03
1766	PROPERTY		373595	3762086	NonCancerChronicDerived_Inh	2.17E-05	2.76E-04	3.36E-06	2.63E-05	4.13E-07	2.21E-05	1.00E-03	2.17E-05	1.43E-05	0.00E+00	4.12E-07	1.96E-03	0.00E+00	0.00E+00	1.96E-03
1767	PROPERTY		373605.1	3762185	NonCancerChronicDerived_Inh	2.62E-05	3.35E-04	4.07E-06	3.18E-05	4.69E-07	2.67E-05	1.21E-03	2.62E-05	2.02E-05	0.00E+00	4.67E-07	3.18E-03	0.00E+00	0.00E+00	3.18E-03
1768	PROPERTY		373606.5	3762285	NonCancerChronicDerived_Inh	2.99E-05	3.81E-04	4.64E-06	3.62E-05	5.12E-07	3.05E-05	1.37E-03	2.99E-05	1.99E-05	0.00E+00	5.10E-07	2.95E-03	0.00E+00	0.00E+00	2.95E-03
1769	PROPERTY		373595.3	3762384	NonCancerChronicDerived_Inh	3.71E-05	4.71E-04	5.75E-06	4.48E-05	6.05E-07	3.77E-05	1.69E-03	3.71E-05	2.01E-05	0.00E+00	6.03E-07	2.69E-03	0.00E+00	0.00E+00	2.69E-03
1770	PROPERTY		373583.5	3762484	NonCancerChronicDerived_Inh	4.69E-05	5.97E-04	7.28E-06	5.68E-05	8.21E-07	4.78E-05	2.15E-03	4.69E-05	2.64E-05	0.00E+00	8.18E-07	3.39E-03	0.00E+00	0.00E+00	3.39E-03
1771	PROPERTY		373571.6	3762583	NonCancerChronicDerived_Inh	6.07E-05	7.71E-04	9.41E-06	7.34E-05	9.65E-07	6.17E-05	2.77E-03	6.07E-05	3.12E-05	0.00E+00	9.62E-07	4.06E-03	0.00E+00	0.00E+00	4.06E-03
1772	PROPERTY		373559.7	3762682	NonCancerChronicDerived_Inh	7.86E-05	9.95E-04	1.22E-05	9.47E-05	8.87E-07	7.95E-05	3.54E-03	7.86E-05	3.00E-05	0.00E+00	8.82E-07	4.18E-03	0.00E+00	0.00E+00	4.18E-03
1773	PROPERTY		373547.8	3762782	NonCancerChronicDerived_Inh	1.05E-04	1.33E-03	1.63E-05	1.26E-04	1.07E-06	1.06E-04	4.70E-03	1.05E-04	3.79E-05	0.00E+00	1.07E-06	5.49E-03	0.00E+00	0.00E+00	5.49E-03
1774	PROPERTY		373475.8	3762792	NonCancerChronicDerived_Inh	1.09E-04	1.37E-03	1.69E-05	1.31E-04	8.79E-07	1.10E-04	4.85E-03	1.09E-04	3.17E-05	0.00E+00	8.73E-07	4.79E-03	0.00E+00	0.00E+00	4.85E-03
1775	PROPERTY		373378.9	3762767	NonCancerChronicDerived_Inh	8.91E-05	1.13E-03	1.38E-05	1.07E-04	6.53E-07	8.98E-05	3.96E-03	8.91E-05	2.21E-05	0.00E+00	6.48E-07	3.26E-03	0.00E+00	0.00E+00	3.96E-03
1776	PROPERTY		373281.1	3762746	NonCancerChronicDerived_Inh	7.58E-05	9.58E-04	1.17E-05	9.11E-05	5.90E-07	7.64E-05	3.38E-03	7.58E-05	1.95E-05	0.00E+00	5.86E-07	2.83E-03	0.00E+00	0.00E+00	3.38E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1777	PROPERTY		373182.6	3762730	NonCancerChronicDerived_Inh	7.04E-05	8.90E-04	1.09E-05	8.47E-05	6.14E-07	7.11E-05	3.15E-03	7.04E-05	1.98E-05	0.00E+00	6.10E-07	2.80E-03	0.00E+00	0.00E+00	3.15E-03
1778	PROPERTY		373082.8	3762735	NonCancerChronicDerived_Inh	6.78E-05	8.56E-04	1.05E-05	8.15E-05	5.76E-07	6.84E-05	3.03E-03	6.78E-05	1.84E-05	0.00E+00	5.72E-07	2.61E-03	0.00E+00	0.00E+00	3.03E-03
1779	PROPERTY		372983.3	3762744	NonCancerChronicDerived_Inh	6.61E-05	8.36E-04	1.02E-05	7.95E-05	6.10E-07	6.68E-05	2.96E-03	6.61E-05	1.94E-05	0.00E+00	6.07E-07	2.72E-03	0.00E+00	0.00E+00	2.96E-03
1780	PROPERTY		372922.5	3762766	NonCancerChronicDerived_Inh	6.30E-05	7.97E-04	9.76E-06	7.58E-05	6.14E-07	6.36E-05	2.82E-03	6.30E-05	1.99E-05	0.00E+00	6.11E-07	2.80E-03	0.00E+00	0.00E+00	2.82E-03
1781	PROPERTY		372998.6	3762831	NonCancerChronicDerived_Inh	7.77E-05	9.83E-04	1.20E-05	9.35E-05	7.24E-07	7.85E-05	3.48E-03	7.77E-05	2.32E-05	0.00E+00	7.20E-07	3.26E-03	0.00E+00	0.00E+00	3.48E-03
1782	PROPERTY		373074.6	3762896	NonCancerChronicDerived_Inh	9.37E-05	1.19E-03	1.45E-05	1.13E-04	8.42E-07	9.46E-05	4.19E-03	9.37E-05	2.69E-05	0.00E+00	8.37E-07	3.78E-03	0.00E+00	0.00E+00	4.19E-03
1783	PROPERTY		373050.9	3762933	NonCancerChronicDerived_Inh	9.80E-05	1.24E-03	1.52E-05	1.18E-04	9.02E-07	9.90E-05	4.39E-03	9.80E-05	2.85E-05	0.00E+00	8.97E-07	3.96E-03	0.00E+00	0.00E+00	4.39E-03
1784	PROPERTY		372952.4	3762950	NonCancerChronicDerived_Inh	9.16E-05	1.16E-03	1.42E-05	1.10E-04	8.40E-07	9.25E-05	4.10E-03	9.16E-05	2.59E-05	0.00E+00	8.35E-07	3.55E-03	0.00E+00	0.00E+00	4.10E-03
1785	PROPERTY		372853.8	3762967	NonCancerChronicDerived_Inh	8.97E-05	1.13E-03	1.39E-05	1.08E-04	7.88E-07	9.05E-05	4.01E-03	8.97E-05	2.40E-05	0.00E+00	7.83E-07	3.28E-03	0.00E+00	0.00E+00	4.01E-03
1786	PROPERTY		372817.6	3763003	NonCancerChronicDerived_Inh	9.88E-05	1.25E-03	1.53E-05	1.19E-04	7.96E-07	9.97E-05	4.41E-03	9.88E-05	2.41E-05	0.00E+00	7.91E-07	3.33E-03	0.00E+00	0.00E+00	4.41E-03
1787	PROPERTY		372855.3	3763071	NonCancerChronicDerived_Inh	1.21E-04	1.54E-03	1.88E-05	1.46E-04	9.35E-07	1.22E-04	5.41E-03	1.21E-04	2.82E-05	0.00E+00	9.29E-07	3.90E-03	0.00E+00	0.00E+00	5.41E-03
1788	PROPERTY		372791.7	3763148	NonCancerChronicDerived_Inh	1.83E-04	2.31E-03	2.84E-05	2.20E-04	1.11E-06	1.84E-04	8.12E-03	1.83E-04	3.35E-05	0.00E+00	1.10E-06	4.77E-03	0.00E+00	0.00E+00	8.12E-03
1789	PROPERTY		372728.1	3763226	NonCancerChronicDerived_Inh	2.30E-04	2.91E-03	3.57E-05	2.76E-04	1.10E-06	2.31E-04	1.02E-02	2.30E-04	3.28E-05	0.00E+00	1.08E-06	4.90E-03	0.00E+00	0.00E+00	1.02E-02
1790	PROPERTY		372658.3	3763242	NonCancerChronicDerived_Inh	1.83E-04	2.32E-03	2.85E-05	2.20E-04	9.00E-07	1.84E-04	8.11E-03	1.83E-04	2.69E-05	0.00E+00	8.90E-07	3.99E-03	0.00E+00	0.00E+00	8.11E-03
1791	PROPERTY		372579.3	3763181	NonCancerChronicDerived_Inh	1.29E-04	1.63E-03	2.00E-05	1.54E-04	7.43E-07	1.29E-04	5.70E-03	1.29E-04	2.23E-05	0.00E+00	7.36E-07	3.21E-03	0.00E+00	0.00E+00	5.70E-03
1792	PROPERTY		372500.1	3763120	NonCancerChronicDerived_Inh	9.75E-05	1.23E-03	1.51E-05	1.17E-04	6.71E-07	9.82E-05	4.34E-03	9.75E-05	2.03E-05	0.00E+00	6.65E-07	2.86E-03	0.00E+00	0.00E+00	4.34E-03
1793	PROPERTY		372548.6	3763057	NonCancerChronicDerived_Inh	9.36E-05	1.18E-03	1.45E-05	1.12E-04	6.48E-07	9.42E-05	4.16E-03	9.36E-05	1.99E-05	0.00E+00	6.43E-07	2.82E-03	0.00E+00	0.00E+00	4.16E-03
1794	PROPERTY		372573.5	3763016	NonCancerChronicDerived_Inh	9.11E-05	1.15E-03	1.41E-05	1.10E-04	6.45E-07	9.18E-05	4.06E-03	9.11E-05	1.98E-05	0.00E+00	6.40E-07	2.81E-03	0.00E+00	0.00E+00	4.06E-03
1795	PROPERTY		372475.1	3763034	NonCancerChronicDerived_Inh	8.00E-05	1.01E-03	1.24E-05	9.61E-05	5.86E-07	8.06E-05	3.56E-03	8.00E-05	1.80E-05	0.00E+00	5.81E-07	2.52E-03	0.00E+00	0.00E+00	3.56E-03
1796	PROPERTY		372376.6	3763051	NonCancerChronicDerived_Inh	7.44E-05	9.40E-04	1.15E-05	8.94E-05	5.56E-07	7.50E-05	3.32E-03	7.44E-05	1.68E-05	0.00E+00	5.52E-07	2.33E-03	0.00E+00	0.00E+00	3.32E-03
1797	PROPERTY		372278.1	3763069	NonCancerChronicDerived_Inh	6.36E-05	8.05E-04	9.87E-06	7.65E-05	5.14E-07	6.42E-05	2.84E-03	6.36E-05	1.56E-05	0.00E+00	5.11E-07	2.15E-03	0.00E+00	0.00E+00	2.84E-03
1798	PROPERTY		372179.7	3763086	NonCancerChronicDerived_Inh	5.11E-05	6.46E-04	7.93E-06	6.14E-05	4.15E-07	5.15E-05	2.28E-03	5.11E-05	1.26E-05	0.00E+00	4.12E-07	1.74E-03	0.00E+00	0.00E+00	2.28E-03
1799	PROPERTY		372156.1	3763161	NonCancerChronicDerived_Inh	5.24E-05	6.62E-04	8.13E-06	6.30E-05	4.19E-07	5.28E-05	2.34E-03	5.24E-05	1.27E-05	0.00E+00	4.16E-07	1.75E-03	0.00E+00	0.00E+00	2.34E-03
1800	PROPERTY		372157	3763261	NonCancerChronicDerived_Inh	6.06E-05	7.66E-04	9.40E-06	7.29E-05	4.96E-07	6.11E-05	2.71E-03	6.06E-05	1.51E-05	0.00E+00	4.93E-07	2.06E-03	0.00E+00	0.00E+00	2.71E-03
1801	PROPERTY		372151.8	3763361	NonCancerChronicDerived_Inh	6.07E-05	7.67E-04	9.41E-06	7.30E-05	4.85E-07	6.12E-05	2.71E-03	6.07E-05	1.47E-05	0.00E+00	4.82E-07	2.01E-03	0.00E+00	0.00E+00	2.71E-03
1802	PROPERTY		372145.4	3763461	NonCancerChronicDerived_Inh	6.03E-05	7.62E-04	9.35E-06	7.25E-05	4.68E-07	6.08E-05	2.69E-03	6.03E-05	1.42E-05	0.00E+00	4.65E-07	1.94E-03	0.00E+00	0.00E+00	2.69E-03
1803	PROPERTY		372139	3763561	NonCancerChronicDerived_Inh	6.20E-05	7.84E-04	9.62E-06	7.46E-05	4.96E-07	6.25E-05	2.77E-03	6.20E-05	1.51E-05	0.00E+00	4.93E-07	2.05E-03	0.00E+00	0.00E+00	2.77E-03
1804	PROPERTY		372132.6	3763661	NonCancerChronicDerived_Inh	6.31E-05	7.97E-04	9.78E-06	7.59E-05	5.37E-07	6.36E-05	2.82E-03	6.31E-05	1.64E-05	0.00E+00	5.34E-07	2.21E-03	0.00E+00	0.00E+00	2.82E-03
1805	PROPERTY		372108.8	3763756	NonCancerChronicDerived_Inh	6.09E-05	7.70E-04	9.44E-06	7.33E-05	5.68E-07	6.14E-05	2.73E-03	6.09E-05	1.74E-05	0.00E+00	5.64E-07	2.32E-03	0.00E+00	0.00E+00	2.73E-03
1806	PROPERTY		372040.7	3763829	NonCancerChronicDerived_Inh	5.27E-05	6.66E-04	8.17E-06	6.34E-05	5.19E-07	5.32E-05	2.37E-03	5.27E-05	1.60E-05	0.00E+00	5.16E-07	2.11E-03	0.00E+00	0.00E+00	2.37E-03
1807	PROPERTY		371970.3	3763900	NonCancerChronicDerived_Inh	4.47E-05	5.66E-04	6.93E-06	5.38E-05	4.50E-07	4.52E-05	2.01E-03	4.47E-05	1.39E-05	0.00E+00	4.48E-07	1.84E-03	0.00E+00	0.00E+00	2.01E-03
1808	PROPERTY		371894.1	3763964	NonCancerChronicDerived_Inh	3.75E-05	4.75E-04	5.82E-06	4.52E-05	4.01E-07	3.79E-05	1.69E-03	3.75E-05	1.23E-05	0.00E+00	3.99E-07	1.62E-03	0.00E+00	0.00E+00	1.69E-03
1809	PROPERTY		371869.3	3764039	NonCancerChronicDerived_Inh	3.45E-05	4.37E-04	5.35E-06	4.16E-05	3.76E-07	3.49E-05	1.56E-03	3.45E-05	1.16E-05	0.00E+00	3.74E-07	1.52E-03	0.00E+00	0.00E+00	1.56E-03
1810	PROPERTY		371911.6	3764129	NonCancerChronicDerived_Inh	3.54E-05	4.48E-04	5.48E-06	4.26E-05	4.14E-07	3.58E-05	1.60E-03	3.54E-05	1.28E-05	0.00E+00	4.12E-07	1.66E-03	0.00E+00	0.00E+00	1.66E-03
1811	PROPERTY		371964.4	3764214	NonCancerChronicDerived_Inh	3.67E-05	4.65E-04	5.69E-06	4.43E-05	5.58E-07	3.72E-05	1.67E-03	3.67E-05	1.72E-05	0.00E+00	5.56E-07	2.16E-03	0.00E+00	0.00E+00	2.16E-03
1812	PROPERTY		371963.3	3764286	NonCancerChronicDerived_Inh	3.37E-05	4.28E-04	5.22E-06	4.08E-05	6.15E-07	3.43E-05	1.55E-03	3.36E-05	1.89E-05	0.00E+00	6.13E-07	2.32E-03	0.00E+00	0.00E+00	2.32E-03
1813	PROPERTY		371878.8	3764340	NonCancerChronicDerived_Inh	2.67E-05	3.39E-04	4.14E-06	3.23E-05	3.76E-07	2.71E-05	1.21E-03	2.67E-05	1.15E-05	0.00E+00	3.74E-07	1.46E-03	0.00E+00	0.00E+00	1.46E-03
1814	PROPERTY		371794.2	3764393	NonCancerChronicDerived_Inh	2.19E-05	2.77E-04	3.39E-06	2.64E-05	2.55E-07	2.21E-05	9.88E-04	2.19E-05	7.80E-06	0.00E+00	2.54E-07	1.02E-03	0.00E+00	0.00E+00	1.02E-03
1815	PROPERTY		371830.2	3764481	NonCancerChronicDerived_Inh	2.05E-05	2.60E-04	3.18E-06	2.48E-05	3.04E-07	2.08E-05	9.34E-04	2.05E-05	9.26E-06	0.00E+00	3.03E-07	1.17E-03	0.00E+00	0.00E+00	1.17E-03
1816	PROPERTY		371877.7	3764518	NonCancerChronicDerived_Inh	2.08E-05	2.65E-04	3.23E-06	2.53E-05	3.83E-07	2.12E-05	9.57E-04	2.08E-05	1.16E-05	0.00E+00	3.81E-07	1.43E-03	0.00E+00	0.00E+00	1.43E-03
1817	PROPERTY		371958	3764459	NonCancerChronicDerived_Inh	2.57E-05	3.26E-04	3.99E-06	3.11E-05	3.50E-07	2.61E-05	1.17E-03	2.57E-05	1.07E-05	0.00E+00	3.48E-07	1.36E-03	0.00E+00	0.00E+00	1.36E-03
1818	PROPERTY		372038.3	3764399	NonCancerChronicDerived_Inh	3.36E-05	4.28E-04	5.21E-06	4.08E-05	6.91E-07	3.43E-05	1.55E-03	3.36E-05	2.12E-05	0.00E+00	6.89E-07	2.57E-03	0.00E+00	0.00E+00	2.57E-03
1819	PROPERTY		372100.6	3764433	NonCancerChronicDerived_Inh	3.77E-05	4.78E-04	5.84E-06	4.56E-05	6.23E-07	3.83E-05	1.72E-03	3.77E-05	1.91E-05	0.00E+00	6.21E-07	2.38E-03	0.00E+00	0.00E+00	2.38E-03
1820	PROPERTY		372151.4	3764519	NonCancerChronicDerived_Inh	3.61E-05	4.61E-04	5.60E-06	4.40E-05	8.94E-07	3.70E-05	1.69E-03	3.61E-05	2.73E-05	0.00E+00	8.92E-07	3.26E-03	0.00E+00	0.00E+00	3.26E-03
1821	PROPERTY		372202.2	3764605	NonCancerChronicDerived_Inh	3.03E-05	3.84E-04	4.70E-06	3.66E-05	4.24E-07	3.07E-05	1.37E-03	3.03E-05	1.30E-05	0.00E+00	4.23E-07	1.63E-03	0.00E+00	0.00E+00	1.63E-03
1822	PROPERTY		372253	3764691	NonCancerChronicDerived_Inh	2.89E-05	3.65E-04	4.48E-06	3.47E-05	2.53E-07	2.91E-05	1.29E-03	2.89E-05	7.74E-06	0.00E+00	2.52E-07	1.04E-03	0.00E+00	0.00E+00	1.29E-03
1823	PROPERTY		372304.8	3764776	NonCancerChronicDerived_Inh	2.72E-05	3.43E-04	4.22E-06	3.26E-05	1.70E-07	2.74E-05	1.21E-03	2.72E-05	5.19E-06	0.00E+00	1.69E-07	7.42E-04	0.00E+00	0.00E+00	1.21E-03
1824	PROPERTY		372389.4	3764723	NonCancerChronicDerived_Inh	3.24E-05	4.09E-04	5.02E-06	3.89E-05	2.74E-07	3.26E-05	1.45E-03	3.24E-05	8.38E-06	0.00E+00	2.72E-07	1.13E-03	0.00E+00	0.00E+00	1.45E-03

HARP2 Chronic Hazard Index 2019 Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1825	PROPERTY		372474.1	3764669	NonCancerChronicDerived_Inh	4.30E-05	5.42E-04	6.67E-06	5.16E-05	2.81E-07	4.33E-05	1.91E-03	4.30E-05	8.71E-06	0.00E+00	2.79E-07	1.23E-03	0.00E+00	0.00E+00	1.91E-03
1826	PROPERTY		372554.7	3764612	NonCancerChronicDerived_Inh	6.18E-05	7.78E-04	9.58E-06	7.41E-05	4.04E-07	6.22E-05	2.74E-03	6.18E-05	1.28E-05	0.00E+00	4.01E-07	1.82E-03	0.00E+00	0.00E+00	2.74E-03
1827	PROPERTY		372601.3	3764537	NonCancerChronicDerived_Inh	1.65E-04	2.08E-03	2.56E-05	1.98E-04	5.91E-07	1.66E-04	7.27E-03	1.65E-04	1.88E-05	0.00E+00	5.82E-07	3.07E-03	0.00E+00	0.00E+00	7.27E-03
1828	PROPERTY		372701.3	3764539	NonCancerChronicDerived_Inh	2.32E-04	2.91E-03	3.59E-05	2.77E-04	6.36E-07	2.32E-04	1.02E-02	2.31E-04	1.99E-05	0.00E+00	6.24E-07	3.50E-03	0.00E+00	0.00E+00	1.02E-02
1829	PROPERTY		372785.6	3764525	NonCancerChronicDerived_Inh	2.72E-04	3.41E-03	4.22E-05	3.25E-04	5.65E-07	2.73E-04	1.19E-02	2.72E-04	1.76E-05	0.00E+00	5.50E-07	3.41E-03	0.00E+00	0.00E+00	1.19E-02
1830	PROPERTY		372873.1	3764506	NonCancerChronicDerived_Inh	2.95E-04	3.70E-03	4.58E-05	3.53E-04	5.36E-07	2.96E-04	1.29E-02	2.95E-04	1.66E-05	0.00E+00	5.20E-07	3.40E-03	0.00E+00	0.00E+00	1.29E-02
1831	PROPERTY		372931.9	3764576	NonCancerChronicDerived_Inh	2.19E-04	2.74E-03	3.39E-05	2.61E-04	4.32E-07	2.19E-04	9.57E-03	2.19E-04	1.34E-05	0.00E+00	4.20E-07	2.65E-03	0.00E+00	0.00E+00	9.57E-03
1832	PROPERTY		373005.9	3764621	NonCancerChronicDerived_Inh	1.84E-04	2.31E-03	2.86E-05	2.20E-04	3.75E-07	1.85E-04	8.06E-03	1.84E-04	1.16E-05	0.00E+00	3.65E-07	2.27E-03	0.00E+00	0.00E+00	8.06E-03
1833	PROPERTY		373098.3	3764632	NonCancerChronicDerived_Inh	1.79E-04	2.25E-03	2.78E-05	2.15E-04	3.66E-07	1.80E-04	7.86E-03	1.79E-04	1.13E-05	0.00E+00	3.56E-07	2.20E-03	0.00E+00	0.00E+00	7.86E-03
1834	PROPERTY		373109.8	3764534	NonCancerChronicDerived_Inh	2.22E-04	2.79E-03	3.44E-05	2.66E-04	4.63E-07	2.23E-04	9.72E-03	2.22E-04	1.42E-05	0.00E+00	4.51E-07	2.74E-03	0.00E+00	0.00E+00	9.72E-03
1835	PROPERTY		373153.9	3764473	NonCancerChronicDerived_Inh	2.30E-04	2.89E-03	3.56E-05	2.75E-04	5.20E-07	2.30E-04	1.01E-02	2.30E-04	1.59E-05	0.00E+00	5.08E-07	2.96E-03	0.00E+00	0.00E+00	1.01E-02
1836	PROPERTY		373219	3764414	NonCancerChronicDerived_Inh	2.21E-04	2.78E-03	3.43E-05	2.65E-04	5.45E-07	2.22E-04	9.69E-03	2.21E-04	1.65E-05	0.00E+00	5.33E-07	2.98E-03	0.00E+00	0.00E+00	9.69E-03
1837	PROPERTY		373233	3764333	NonCancerChronicDerived_Inh	2.23E-04	2.80E-03	3.45E-05	2.66E-04	6.12E-07	2.23E-04	9.77E-03	2.23E-04	1.85E-05	0.00E+00	6.00E-07	3.20E-03	0.00E+00	0.00E+00	9.77E-03
1838	PROPERTY		373308	3764271	NonCancerChronicDerived_Inh	2.10E-04	2.65E-03	3.26E-05	2.52E-04	6.47E-07	2.11E-04	9.25E-03	2.10E-04	1.95E-05	0.00E+00	6.35E-07	3.25E-03	0.00E+00	0.00E+00	9.25E-03
1839	PROPERTY		373336.6	3764176	NonCancerChronicDerived_Inh	2.26E-04	2.84E-03	3.50E-05	2.70E-04	7.78E-07	2.26E-04	9.93E-03	2.26E-04	2.34E-05	0.00E+00	7.66E-07	3.77E-03	0.00E+00	0.00E+00	9.93E-03
1840	PROPERTY		373362.5	3764079	NonCancerChronicDerived_Inh	2.49E-04	3.14E-03	3.86E-05	2.98E-04	9.52E-07	2.50E-04	1.10E-02	2.49E-04	2.87E-05	0.00E+00	9.38E-07	4.47E-03	0.00E+00	0.00E+00	1.10E-02
1841	PROPERTY		373388.3	3763983	NonCancerChronicDerived_Inh	2.93E-04	3.69E-03	4.55E-05	3.51E-04	1.27E-06	2.94E-04	1.29E-02	2.93E-04	3.82E-05	0.00E+00	1.25E-06	5.75E-03	0.00E+00	0.00E+00	1.29E-02
1842	PROPERTY		373423.4	3763890	NonCancerChronicDerived_Inh	4.13E-04	5.21E-03	6.41E-05	4.95E-04	1.39E-06	4.15E-04	1.82E-02	4.13E-04	4.17E-05	0.00E+00	1.37E-06	6.75E-03	0.00E+00	0.00E+00	1.82E-02
1843	PROPERTY		373475.6	3763805	NonCancerChronicDerived_Inh	7.76E-04	9.78E-03	1.20E-04	9.28E-04	2.38E-06	7.78E-04	3.40E-02	7.76E-04	7.10E-05	0.00E+00	2.33E-06	1.18E-02	0.00E+00	0.00E+00	3.40E-02
1844	PROPERTY		373493.2	3763713	NonCancerChronicDerived_Inh	1.37E-03	1.73E-02	2.13E-04	1.64E-03	3.01E-06	1.38E-03	5.99E-02	1.37E-03	8.91E-05	0.00E+00	2.93E-06	1.68E-02	0.00E+00	0.00E+00	5.99E-02
1845	PROPERTY		373561.3	3763643	NonCancerChronicDerived_Inh	1.27E-03	1.59E-02	1.96E-04	1.51E-03	3.36E-06	1.27E-03	5.52E-02	1.27E-03	9.46E-05	0.00E+00	3.29E-06	1.71E-02	0.00E+00	0.00E+00	5.52E-02
1846	PROPERTY		373661.1	3763637	NonCancerChronicDerived_Inh	8.17E-04	1.03E-02	1.27E-04	9.76E-04	2.78E-06	8.19E-04	3.58E-02	8.17E-04	7.61E-05	0.00E+00	2.73E-06	1.33E-02	0.00E+00	0.00E+00	3.58E-02
1847	PROPERTY		373743	3763650	NonCancerChronicDerived_Inh	6.67E-04	8.39E-03	1.03E-04	7.98E-04	2.15E-06	6.70E-04	2.93E-02	6.67E-04	6.06E-05	0.00E+00	2.11E-06	1.11E-02	0.00E+00	0.00E+00	2.93E-02
1848	PROPERTY		373805.6	3763685	NonCancerChronicDerived_Inh	5.72E-04	7.18E-03	8.85E-05	6.83E-04	1.76E-06	5.73E-04	2.51E-02	5.71E-04	4.88E-05	0.00E+00	1.73E-06	9.03E-03	0.00E+00	0.00E+00	2.51E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	CARTGRID	1	371500	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.09E-03	1.23E-03	1.91E-06	2.93E-05	3.73E-07	1.09E-03	1.83E-03	1.09E-03	5.05E-06	0.00E+00	1.60E-07	7.11E-04	0.00E+00	0.00E+00	1.83E-03
2	CARTGRID	1	371600	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.25E-03	1.95E-06	2.98E-05	3.81E-07	1.11E-03	1.87E-03	1.11E-03	5.21E-06	0.00E+00	1.64E-07	7.35E-04	0.00E+00	0.00E+00	1.87E-03
3	CARTGRID	1	371700	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.95E-06	2.99E-05	3.83E-07	1.11E-03	1.87E-03	1.11E-03	5.28E-06	0.00E+00	1.65E-07	7.47E-04	0.00E+00	0.00E+00	1.87E-03
4	CARTGRID	1	371800	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.96E-06	3.00E-05	3.86E-07	1.11E-03	1.88E-03	1.11E-03	5.40E-06	0.00E+00	1.68E-07	7.65E-04	0.00E+00	0.00E+00	1.88E-03
5	CARTGRID	1	371900	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.26E-03	1.96E-06	3.01E-05	3.90E-07	1.12E-03	1.89E-03	1.12E-03	5.56E-06	0.00E+00	1.71E-07	7.89E-04	0.00E+00	0.00E+00	1.89E-03
6	CARTGRID	1	372000	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.95E-06	2.99E-05	3.91E-07	1.11E-03	1.88E-03	1.11E-03	5.68E-06	0.00E+00	1.73E-07	8.08E-04	0.00E+00	0.00E+00	1.88E-03
7	CARTGRID	1	372100	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-03	1.24E-03	1.93E-06	2.95E-05	3.89E-07	1.10E-03	1.86E-03	1.09E-03	5.74E-06	0.00E+00	1.74E-07	8.18E-04	0.00E+00	0.00E+00	1.86E-03
8	CARTGRID	1	372200	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-03	1.22E-03	1.89E-06	2.89E-05	3.83E-07	1.07E-03	1.83E-03	1.07E-03	5.75E-06	0.00E+00	1.73E-07	8.20E-04	0.00E+00	0.00E+00	1.83E-03
9	CARTGRID	1	372300	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.08E-03	1.22E-03	1.89E-06	2.90E-05	3.88E-07	1.08E-03	1.84E-03	1.08E-03	5.95E-06	0.00E+00	1.77E-07	8.50E-04	0.00E+00	0.00E+00	1.84E-03
10	CARTGRID	1	372400	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.05E-03	1.19E-03	1.85E-06	2.84E-05	3.83E-07	1.05E-03	1.81E-03	1.05E-03	5.98E-06	0.00E+00	1.76E-07	8.53E-04	0.00E+00	0.00E+00	1.81E-03
11	CARTGRID	1	372500	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.17E-03	1.82E-06	2.79E-05	3.79E-07	1.03E-03	1.78E-03	1.03E-03	6.02E-06	0.00E+00	1.77E-07	8.58E-04	0.00E+00	0.00E+00	1.78E-03
12	CARTGRID	1	372600	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-03	1.15E-03	1.78E-06	2.73E-05	3.76E-07	1.02E-03	1.75E-03	1.01E-03	6.07E-06	0.00E+00	1.77E-07	8.64E-04	0.00E+00	0.00E+00	1.75E-03
13	CARTGRID	1	372700	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.93E-04	1.13E-03	1.75E-06	2.68E-05	3.73E-07	9.94E-04	1.72E-03	9.93E-04	6.11E-06	0.00E+00	1.78E-07	8.65E-04	0.00E+00	0.00E+00	1.72E-03
14	CARTGRID	1	372800	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.70E-04	1.10E-03	1.71E-06	2.62E-05	3.69E-07	9.72E-04	1.69E-03	9.70E-04	6.13E-06	0.00E+00	1.78E-07	8.64E-04	0.00E+00	0.00E+00	1.69E-03
15	CARTGRID	1	372900	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.47E-04	1.07E-03	1.67E-06	2.56E-05	3.65E-07	9.48E-04	1.66E-03	9.47E-04	6.16E-06	0.00E+00	1.80E-07	8.63E-04	0.00E+00	0.00E+00	1.66E-03
16	CARTGRID	1	373000	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.24E-04	1.05E-03	1.63E-06	2.49E-05	3.63E-07	9.25E-04	1.62E-03	9.24E-04	6.22E-06	0.00E+00	1.82E-07	8.65E-04	0.00E+00	0.00E+00	1.62E-03
17	CARTGRID	1	373100	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.02E-04	1.02E-03	1.59E-06	2.44E-05	3.62E-07	9.03E-04	1.59E-03	9.02E-04	6.29E-06	0.00E+00	1.85E-07	8.66E-04	0.00E+00	0.00E+00	1.59E-03
18	CARTGRID	1	373200	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.81E-04	9.98E-04	1.55E-06	2.38E-05	3.61E-07	8.82E-04	1.56E-03	8.80E-04	6.32E-06	0.00E+00	1.88E-07	8.60E-04	0.00E+00	0.00E+00	1.56E-03
19	CARTGRID	1	373300	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.56E-04	9.70E-04	1.51E-06	2.31E-05	3.55E-07	8.57E-04	1.52E-03	8.56E-04	6.23E-06	0.00E+00	1.87E-07	8.39E-04	0.00E+00	0.00E+00	1.52E-03
20	CARTGRID	1	373400	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.41E-04	9.53E-04	1.48E-06	2.27E-05	3.52E-07	8.42E-04	1.49E-03	8.41E-04	6.15E-06	0.00E+00	1.87E-07	8.20E-04	0.00E+00	0.00E+00	1.49E-03
21	CARTGRID	1	373500	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.41E-04	9.53E-04	1.48E-06	2.27E-05	3.53E-07	8.41E-04	1.49E-03	8.40E-04	6.14E-06	0.00E+00	1.88E-07	8.13E-04	0.00E+00	0.00E+00	1.49E-03
22	CARTGRID	1	373600	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.37E-04	9.49E-04	1.47E-06	2.26E-05	3.50E-07	8.38E-04	1.48E-03	8.37E-04	6.00E-06	0.00E+00	1.86E-07	7.91E-04	0.00E+00	0.00E+00	1.48E-03
23	CARTGRID	1	373700	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.40E-04	9.52E-04	1.48E-06	2.27E-05	3.45E-07	8.41E-04	1.48E-03	8.40E-04	5.81E-06	0.00E+00	1.81E-07	7.66E-04	0.00E+00	0.00E+00	1.48E-03
24	CARTGRID	1	373800	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.60E-04	9.75E-04	1.52E-06	2.32E-05	3.45E-07	8.61E-04	1.50E-03	8.60E-04	5.67E-06	0.00E+00	1.77E-07	7.50E-04	0.00E+00	0.00E+00	1.50E-03
25	CARTGRID	1	373900	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.68E-04	9.83E-04	1.53E-06	2.34E-05	3.36E-07	8.69E-04	1.50E-03	8.68E-04	5.33E-06	0.00E+00	1.66E-07	7.10E-04	0.00E+00	0.00E+00	1.50E-03
26	CARTGRID	1	374000	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.68E-04	9.83E-04	1.53E-06	2.34E-05	3.23E-07	8.69E-04	1.48E-03	8.68E-04	4.90E-06	0.00E+00	1.53E-07	6.60E-04	0.00E+00	0.00E+00	1.48E-03
27	CARTGRID	1	374100	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.68E-04	9.83E-04	1.53E-06	2.34E-05	3.09E-07	8.69E-04	1.46E-03	8.68E-04	4.47E-06	0.00E+00	1.40E-07	6.10E-04	0.00E+00	0.00E+00	1.46E-03
28	CARTGRID	1	374200	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.50E-04	9.63E-04	1.50E-06	2.29E-05	2.91E-07	8.51E-04	1.42E-03	8.50E-04	3.99E-06	0.00E+00	1.25E-07	5.52E-04	0.00E+00	0.00E+00	1.42E-03
29	CARTGRID	1	374300	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.22E-04	9.31E-04	1.45E-06	2.21E-05	2.73E-07	8.23E-04	1.36E-03	8.22E-04	3.58E-06	0.00E+00	1.12E-07	5.00E-04	0.00E+00	0.00E+00	1.36E-03
30	CARTGRID	1	374400	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.56E-04	8.56E-04	1.33E-06	2.04E-05	2.45E-07	7.57E-04	1.25E-03	7.56E-04	3.09E-06	0.00E+00	9.67E-08	4.34E-04	0.00E+00	0.00E+00	1.25E-03
31	CARTGRID	1	374500	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.48E-04	8.47E-04	1.32E-06	2.01E-05	2.39E-07	7.49E-04	1.23E-03	7.48E-04	2.94E-06	0.00E+00	9.22E-08	4.17E-04	0.00E+00	0.00E+00	1.23E-03
32	CARTGRID	1	374600	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.17E-04	8.12E-04	1.26E-06	1.93E-05	2.27E-07	7.17E-04	1.18E-03	7.17E-04	2.77E-06	0.00E+00	8.66E-08	3.93E-04	0.00E+00	0.00E+00	1.18E-03
33	CARTGRID	1	374700	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.06E-04	7.99E-04	1.24E-06	1.90E-05	2.23E-07	7.07E-04	1.16E-03	7.06E-04	2.69E-06	0.00E+00	8.47E-08	3.80E-04	0.00E+00	0.00E+00	1.16E-03
34	CARTGRID	1	374800	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.61E-04	7.49E-04	1.16E-06	1.78E-05	2.08E-07	6.62E-04	1.08E-03	6.61E-04	2.49E-06	0.00E+00	7.90E-08	3.50E-04	0.00E+00	0.00E+00	1.08E-03
35	CARTGRID	1	374900	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.11E-04	6.92E-04	1.08E-06	1.64E-05	1.93E-07	6.11E-04	1.00E-03	6.11E-04	2.29E-06	0.00E+00	7.31E-08	3.23E-04	0.00E+00	0.00E+00	1.00E-03
36	CARTGRID	1	375000	3761400	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.67E-04	6.42E-04	9.99E-07	1.53E-05	1.79E-07	5.68E-04	9.29E-04	5.67E-04	2.13E-06	0.00E+00	6.76E-08	3.00E-04	0.00E+00	0.00E+00	9.29E-04
37	CARTGRID	1	371500	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.27E-03	1.98E-06	3.03E-05	3.83E-07	1.12E-03	1.89E-03	1.12E-03	5.13E-06	0.00E+00	1.63E-07	7.21E-04	0.00E+00	0.00E+00	1.89E-03
38	CARTGRID	1	371600	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.31E-03	2.03E-06	3.11E-05	3.94E-07	1.15E-03	1.94E-03	1.15E-03	5.34E-06	0.00E+00	1.68E-07	7.53E-04	0.00E+00	0.00E+00	1.94E-03
39	CARTGRID	1	371700	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-03	1.34E-03	2.09E-06	3.19E-05	4.08E-07	1.19E-03	2.00E-03	1.18E-03	5.61E-06	0.00E+00	1.75E-07	7.93E-04	0.00E+00	0.00E+00	2.00E-03
40	CARTGRID	1	371800	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.35E-03	2.09E-06	3.20E-05	4.10E-07	1.19E-03	2.01E-03	1.19E-03	5.71E-06	0.00E+00	1.78E-07	8.09E-04	0.00E+00	0.00E+00	2.01E-03
41	CARTGRID	1	371900	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.35E-03	2.09E-06	3.20E-05	4.13E-07	1.19E-03	2.01E-03	1.19E-03	5.83E-06	0.00E+00	1.80E-07	8.28E-04	0.00E+00	0.00E+00	2.01E-03
42	CARTGRID	1	372000	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.34E-03	2.09E-06	3.20E-05	4.15E-07	1.19E-03	2.01E-03	1.19E-03	5.97E-06	0.00E+00	1.83E-07	8.49E-04	0.00E+00	0.00E+00	2.01E-03
43	CARTGRID	1	372100	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-03	1.34E-03	2.08E-06	3.19E-05	4.18E-07	1.19E-03	2.01E-03	1.18E-03	6.14E-06	0.00E+00	1.86E-07	8.75E-04	0.00E+00	0.00E+00	2.01E-03
44	CARTGRID	1	372200	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-03	1.32E-03	2.06E-06	3.15E-05	4.15E-07	1.17E-03	1.99E-03	1.17E-03	6.21E-06	0.00E+00	1.86E-07	8.86E-04	0.00E+00	0.00E+00	1.99E-03
45	CARTGRID	1	372300	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-03	1.31E-03	2.04E-06	3.12E-05	4.15E-07	1.16E-03	1.98E-03	1.16E-03	6.32E-06	0.00E+00	1.88E-07	9.04E-04	0.00E+00	0.00E+00	1.98E-03
46	CARTGRID	1	372400	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.30E-03	2.02E-06	3.10E-05	4.15E-07	1.15E-03	1.97E-03	1.15E-03	6.45E-06	0.00E+00	1.90E-07	9.23E-04	0.00E+00	0.00E+00	1.97E-03
47	CARTGRID	1	372500	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-03	1.28E-03	1.99E-06	3.05E-05	4.13E-07	1.13E-03	1.94E-03	1.13E-03	6.53E-06	0.00E+00	1.91E-07	9.34E-04	0.00E+00	0.00E+00	1.94E-03
48	CARTGRID	1	372600	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.96E-06	3.00E-05	4.09E-07	1.11E-03	1.92E-03	1.11E-03	6.59E-06	0.00E+00	1.91E-07	9.41E-04	0.00E+00	0.00E+00	1.92E-03
49	CARTGRID	1	372700	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.09E-03	1.24E-03	1.92E-06	2.95E-05	4.06E-07	1.09E-03	1.89E-03	1.09E-03	6.64E-06	0.00E+00	1.92E-07	9.46E-04	0.00E+00	0.00E+00	1.89E-03
50	CARTGRID	1	372800	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-03	1.21E-03	1.89E-06	2.89E-05	4.03E-07	1.07E-03	1.86E-03	1.07E-03	6.69E-06	0.00E+00	1.93E-07	9.49E-04	0.00E+00	0.00E+00	1.86E-03
51	CARTGRID	1	372900	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.05E-03	1.19E-03	1.85E-06	2.84E-05	4.01E-07	1.05E-03	1.84E-03	1.05E-03	6.77E-06	0.00E+00	1.95E-07	9.54E-04	0.00E+00	0.00E+00	1.84E-03
52	CARTGRID	1	373000	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.16E-03	1.81E-06	2.77E-05	4.00E-07	1.03E-03	1.80E-03	1.03E-03	6.85E-06	0.00E+00	1.99E-07	9.60E-04	0.00E+00	0.00E+00	1.80E-03
53	CARTGRID	1	373100	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-03	1.14E-03	1.77E-06	2.71E-05	4.00E-07	1.01E-03	1.77E-03	1.00E-03	6.97E-06	0.00E+00	2.03E-07	9.68E-04	0.00E+00	0.00E+00	1.77E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
54	CARTGRID	1	373200	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.79E-04	1.11E-03	1.72E-06	2.64E-05	3.99E-07	9.80E-04	1.74E-03	9.78E-04	7.05E-06	0.00E+00	2.07E-07	9.68E-04	0.00E+00	0.00E+00	1.74E-03
55	CARTGRID	1	373300	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.54E-04	1.08E-03	1.68E-06	2.58E-05	3.97E-07	9.55E-04	1.70E-03	9.54E-04	7.05E-06	0.00E+00	2.10E-07	9.56E-04	0.00E+00	0.00E+00	1.70E-03
56	CARTGRID	1	373400	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.28E-04	1.05E-03	1.63E-06	2.51E-05	3.91E-07	9.29E-04	1.65E-03	9.28E-04	6.94E-06	0.00E+00	2.09E-07	9.28E-04	0.00E+00	0.00E+00	1.65E-03
57	CARTGRID	1	373500	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.32E-04	1.06E-03	1.64E-06	2.52E-05	3.98E-07	9.34E-04	1.66E-03	9.32E-04	7.06E-06	0.00E+00	2.15E-07	9.35E-04	0.00E+00	0.00E+00	1.66E-03
58	CARTGRID	1	373600	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.33E-04	1.06E-03	1.64E-06	2.52E-05	4.00E-07	9.34E-04	1.66E-03	9.33E-04	7.05E-06	0.00E+00	2.17E-07	9.26E-04	0.00E+00	0.00E+00	1.66E-03
59	CARTGRID	1	373700	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.37E-04	1.06E-03	1.65E-06	2.53E-05	4.00E-07	9.38E-04	1.66E-03	9.37E-04	6.97E-06	0.00E+00	2.16E-07	9.13E-04	0.00E+00	0.00E+00	1.66E-03
60	CARTGRID	1	373800	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.45E-04	1.07E-03	1.66E-06	2.55E-05	3.98E-07	9.46E-04	1.67E-03	9.45E-04	6.83E-06	0.00E+00	2.13E-07	8.94E-04	0.00E+00	0.00E+00	1.67E-03
61	CARTGRID	1	373900	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.53E-04	1.08E-03	1.68E-06	2.57E-05	3.92E-07	9.54E-04	1.67E-03	9.53E-04	6.57E-06	0.00E+00	2.05E-07	8.64E-04	0.00E+00	0.00E+00	1.67E-03
62	CARTGRID	1	374000	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.51E-04	1.08E-03	1.68E-06	2.57E-05	3.78E-07	9.52E-04	1.65E-03	9.51E-04	6.13E-06	0.00E+00	1.92E-07	8.13E-04	0.00E+00	0.00E+00	1.65E-03
63	CARTGRID	1	374100	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.41E-04	1.07E-03	1.66E-06	2.54E-05	3.57E-07	9.42E-04	1.61E-03	9.41E-04	5.53E-06	0.00E+00	1.73E-07	7.44E-04	0.00E+00	0.00E+00	1.61E-03
64	CARTGRID	1	374200	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.22E-04	1.04E-03	1.62E-06	2.48E-05	3.32E-07	9.23E-04	1.55E-03	9.22E-04	4.84E-06	0.00E+00	1.51E-07	6.61E-04	0.00E+00	0.00E+00	1.55E-03
65	CARTGRID	1	374300	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.85E-04	1.00E-03	1.56E-06	2.39E-05	3.05E-07	8.86E-04	1.48E-03	8.85E-04	4.21E-06	0.00E+00	1.31E-07	5.82E-04	0.00E+00	0.00E+00	1.48E-03
66	CARTGRID	1	374400	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.06E-04	9.13E-04	1.42E-06	2.17E-05	2.68E-07	8.07E-04	1.34E-03	8.06E-04	3.53E-06	0.00E+00	1.11E-07	4.93E-04	0.00E+00	0.00E+00	1.34E-03
67	CARTGRID	1	374500	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.93E-04	8.98E-04	1.40E-06	2.14E-05	2.60E-07	7.94E-04	1.31E-03	7.93E-04	3.33E-06	0.00E+00	1.04E-07	4.69E-04	0.00E+00	0.00E+00	1.31E-03
68	CARTGRID	1	374600	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.64E-04	8.66E-04	1.35E-06	2.06E-05	2.48E-07	7.65E-04	1.26E-03	7.64E-04	3.14E-06	0.00E+00	9.84E-08	4.43E-04	0.00E+00	0.00E+00	1.26E-03
69	CARTGRID	1	374700	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.43E-04	8.42E-04	1.31E-06	2.00E-05	2.39E-07	7.44E-04	1.22E-03	7.43E-04	2.96E-06	0.00E+00	9.36E-08	4.14E-04	0.00E+00	0.00E+00	1.22E-03
70	CARTGRID	1	374800	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.87E-04	7.78E-04	1.21E-06	1.85E-05	2.20E-07	6.87E-04	1.13E-03	6.87E-04	2.67E-06	0.00E+00	8.51E-08	3.73E-04	0.00E+00	0.00E+00	1.13E-03
71	CARTGRID	1	374900	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.36E-04	7.21E-04	1.12E-06	1.71E-05	2.03E-07	6.37E-04	1.04E-03	6.36E-04	2.44E-06	0.00E+00	7.80E-08	3.42E-04	0.00E+00	0.00E+00	1.04E-03
72	CARTGRID	1	375000	3761500	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.90E-04	6.68E-04	1.04E-06	1.59E-05	1.87E-07	5.91E-04	9.69E-04	5.90E-04	2.26E-06	0.00E+00	7.16E-08	3.19E-04	0.00E+00	0.00E+00	9.69E-04
73	CARTGRID	1	371500	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-03	1.33E-03	2.07E-06	3.17E-05	4.00E-07	1.18E-03	1.98E-03	1.18E-03	5.34E-06	0.00E+00	1.70E-07	7.50E-04	0.00E+00	0.00E+00	1.98E-03
74	CARTGRID	1	371600	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-03	1.37E-03	2.12E-06	3.25E-05	4.11E-07	1.21E-03	2.03E-03	1.21E-03	5.52E-06	0.00E+00	1.74E-07	7.77E-04	0.00E+00	0.00E+00	2.03E-03
75	CARTGRID	1	371700	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-03	1.41E-03	2.19E-06	3.35E-05	4.25E-07	1.24E-03	2.09E-03	1.24E-03	5.80E-06	0.00E+00	1.82E-07	8.18E-04	0.00E+00	0.00E+00	2.09E-03
76	CARTGRID	1	371800	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-03	1.44E-03	2.24E-06	3.42E-05	4.37E-07	1.27E-03	2.14E-03	1.27E-03	6.05E-06	0.00E+00	1.88E-07	8.56E-04	0.00E+00	0.00E+00	2.14E-03
77	CARTGRID	1	371900	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.28E-03	1.45E-03	2.25E-06	3.45E-05	4.44E-07	1.28E-03	2.16E-03	1.28E-03	6.24E-06	0.00E+00	1.92E-07	8.84E-04	0.00E+00	0.00E+00	2.16E-03
78	CARTGRID	1	372000	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.28E-03	1.44E-03	2.25E-06	3.44E-05	4.44E-07	1.28E-03	2.16E-03	1.28E-03	6.34E-06	0.00E+00	1.94E-07	9.01E-04	0.00E+00	0.00E+00	2.16E-03
79	CARTGRID	1	372100	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.28E-03	1.45E-03	2.25E-06	3.44E-05	4.49E-07	1.28E-03	2.17E-03	1.28E-03	6.54E-06	0.00E+00	1.98E-07	9.31E-04	0.00E+00	0.00E+00	2.17E-03
80	CARTGRID	1	372200	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-03	1.44E-03	2.24E-06	3.43E-05	4.50E-07	1.27E-03	2.16E-03	1.27E-03	6.70E-06	0.00E+00	2.01E-07	9.56E-04	0.00E+00	0.00E+00	2.16E-03
81	CARTGRID	1	372300	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-03	1.41E-03	2.20E-06	3.37E-05	4.45E-07	1.25E-03	2.13E-03	1.25E-03	6.72E-06	0.00E+00	2.00E-07	9.61E-04	0.00E+00	0.00E+00	2.13E-03
82	CARTGRID	1	372400	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-03	1.41E-03	2.19E-06	3.35E-05	4.47E-07	1.25E-03	2.13E-03	1.24E-03	6.89E-06	0.00E+00	2.03E-07	9.87E-04	0.00E+00	0.00E+00	2.13E-03
83	CARTGRID	1	372500	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-03	1.40E-03	2.18E-06	3.34E-05	4.49E-07	1.24E-03	2.13E-03	1.24E-03	7.07E-06	0.00E+00	2.06E-07	1.01E-03	0.00E+00	0.00E+00	2.13E-03
84	CARTGRID	1	372600	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-03	1.38E-03	2.15E-06	3.29E-05	4.46E-07	1.22E-03	2.10E-03	1.22E-03	7.15E-06	0.00E+00	2.06E-07	1.02E-03	0.00E+00	0.00E+00	2.10E-03
85	CARTGRID	1	372700	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-03	1.37E-03	2.12E-06	3.25E-05	4.45E-07	1.21E-03	2.08E-03	1.21E-03	7.24E-06	0.00E+00	2.08E-07	1.04E-03	0.00E+00	0.00E+00	2.08E-03
86	CARTGRID	1	372800	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.35E-03	2.10E-06	3.22E-05	4.46E-07	1.20E-03	2.07E-03	1.19E-03	7.38E-06	0.00E+00	2.11E-07	1.05E-03	0.00E+00	0.00E+00	2.07E-03
87	CARTGRID	1	372900	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-03	1.34E-03	2.08E-06	3.19E-05	4.48E-07	1.18E-03	2.06E-03	1.18E-03	7.55E-06	0.00E+00	2.16E-07	1.07E-03	0.00E+00	0.00E+00	2.06E-03
88	CARTGRID	1	373000	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-03	1.31E-03	2.04E-06	3.12E-05	4.45E-07	1.16E-03	2.02E-03	1.16E-03	7.64E-06	0.00E+00	2.19E-07	1.08E-03	0.00E+00	0.00E+00	2.02E-03
89	CARTGRID	1	373100	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-03	1.28E-03	1.99E-06	3.05E-05	4.45E-07	1.13E-03	1.99E-03	1.13E-03	7.79E-06	0.00E+00	2.24E-07	1.09E-03	0.00E+00	0.00E+00	1.99E-03
90	CARTGRID	1	373200	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-03	1.25E-03	1.94E-06	2.97E-05	4.45E-07	1.10E-03	1.95E-03	1.10E-03	7.94E-06	0.00E+00	2.30E-07	1.10E-03	0.00E+00	0.00E+00	1.95E-03
91	CARTGRID	1	373300	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-03	1.21E-03	1.88E-06	2.89E-05	4.44E-07	1.07E-03	1.91E-03	1.07E-03	8.00E-06	0.00E+00	2.35E-07	1.09E-03	0.00E+00	0.00E+00	1.91E-03
92	CARTGRID	1	373400	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.17E-03	1.81E-06	2.78E-05	4.36E-07	1.03E-03	1.84E-03	1.03E-03	7.85E-06	0.00E+00	2.34E-07	1.06E-03	0.00E+00	0.00E+00	1.84E-03
93	CARTGRID	1	373500	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.16E-03	1.81E-06	2.77E-05	4.42E-07	1.03E-03	1.84E-03	1.02E-03	7.98E-06	0.00E+00	2.42E-07	1.06E-03	0.00E+00	0.00E+00	1.84E-03
94	CARTGRID	1	373600	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.04E-03	1.17E-03	1.83E-06	2.80E-05	4.54E-07	1.04E-03	1.86E-03	1.04E-03	8.20E-06	0.00E+00	2.51E-07	1.08E-03	0.00E+00	0.00E+00	1.86E-03
95	CARTGRID	1	373700	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.05E-03	1.19E-03	1.85E-06	2.85E-05	4.66E-07	1.05E-03	1.89E-03	1.05E-03	8.42E-06	0.00E+00	2.60E-07	1.10E-03	0.00E+00	0.00E+00	1.89E-03
96	CARTGRID	1	373800	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.06E-03	1.20E-03	1.86E-06	2.86E-05	4.69E-07	1.06E-03	1.90E-03	1.06E-03	8.42E-06	0.00E+00	2.62E-07	1.09E-03	0.00E+00	0.00E+00	1.90E-03
97	CARTGRID	1	373900	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.06E-03	1.20E-03	1.86E-06	2.86E-05	4.65E-07	1.06E-03	1.89E-03	1.06E-03	8.24E-06	0.00E+00	2.58E-07	1.07E-03	0.00E+00	0.00E+00	1.89E-03
98	CARTGRID	1	374000	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.05E-03	1.19E-03	1.85E-06	2.83E-05	4.51E-07	1.05E-03	1.85E-03	1.05E-03	7.81E-06	0.00E+00	2.45E-07	1.02E-03	0.00E+00	0.00E+00	1.85E-03
99	CARTGRID	1	374100	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.17E-03	1.82E-06	2.79E-05	4.27E-07	1.03E-03	1.80E-03	1.03E-03	7.13E-06	0.00E+00	2.24E-07	9.45E-04	0.00E+00	0.00E+00	1.80E-03
100	CARTGRID	1	374200	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-03	1.14E-03	1.77E-06	2.71E-05	3.92E-07	1.01E-03	1.72E-03	1.01E-03	6.21E-06	0.00E+00	1.95E-07	8.36E-04	0.00E+00	0.00E+00	1.72E-03
101	CARTGRID	1	374300	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.35E-04	1.06E-03	1.65E-06	2.52E-05	3.40E-07	9.36E-04	1.58E-03	9.35E-04	5.00E-06	0.00E+00	1.57E-07	6.87E-04	0.00E+00	0.00E+00	1.58E-03
102	CARTGRID	1	374400	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.80E-04	9.96E-04	1.55E-06	2.37E-05	3.05E-07	8.81E-04	1.47E-03	8.80E-04	4.25E-06	0.00E+00	1.33E-07	5.92E-04	0.00E+00	0.00E+00	1.47E-03
103	CARTGRID	1	374500	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.50E-04	9.63E-04	1.50E-06	2.29E-05	2.88E-07	8.51E-04	1.41E-03	8.50E-04	3.89E-06	0.00E+00	1.22E-07	5.45E-04	0.00E+00	0.00E+00	1.41E-03
104	CARTGRID	1	374600	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.20E-04	9.29E-04	1.44E-06	2.21E-05	2.74E-07	8.21E-04	1.36E-03	8.20E-04	3.62E-06	0.00E+00	1.14E-07	5.04E-04	0.00E+00	0.00E+00	1.36E-03
105	CARTGRID	1	374700	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.78E-04	8.81E-04	1.37E-06	2.10E-05	2.52E-07	7.79E-04	1.28E-03	7.78E-04	3.14E-06	0.00E+00	9.99E-08	4.34E-04	0.00E+00	0.00E+00	1.28E-03
106	CARTGRID	1	374800	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.14E-04	8.09E-04	1.26E-06	1.92E-05	2.30E-07	7.15E-04	1.18E-03	7.14E-04	2.85E-06	0.00E+00	9.07E-08	3.95E-04	0.00E+00	0.00E+00	1.18E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
107	CARTGRID	1	374900	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.66E-04	7.54E-04	1.17E-06	1.79E-05	2.14E-07	6.67E-04	1.10E-03	6.66E-04	2.64E-06	0.00E+00	8.40E-08	3.68E-04	0.00E+00	0.00E+00	1.10E-03
108	CARTGRID	1	375000	3761600	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.30E-04	7.14E-04	1.11E-06	1.70E-05	2.00E-07	6.31E-04	1.03E-03	6.30E-04	2.41E-06	0.00E+00	7.66E-08	3.39E-04	0.00E+00	0.00E+00	1.03E-03
109	CARTGRID	1	371500	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-03	1.40E-03	2.18E-06	3.33E-05	4.19E-07	1.24E-03	2.08E-03	1.24E-03	5.57E-06	0.00E+00	1.77E-07	7.81E-04	0.00E+00	0.00E+00	2.08E-03
110	CARTGRID	1	371600	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-03	1.44E-03	2.24E-06	3.43E-05	4.32E-07	1.27E-03	2.14E-03	1.27E-03	5.78E-06	0.00E+00	1.83E-07	8.12E-04	0.00E+00	0.00E+00	2.14E-03
111	CARTGRID	1	371700	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.50E-03	2.34E-06	3.58E-05	4.54E-07	1.33E-03	2.24E-03	1.33E-03	6.19E-06	0.00E+00	1.94E-07	8.71E-04	0.00E+00	0.00E+00	2.24E-03
112	CARTGRID	1	371800	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.38E-06	3.65E-05	4.64E-07	1.35E-03	2.28E-03	1.35E-03	6.39E-06	0.00E+00	1.99E-07	9.03E-04	0.00E+00	0.00E+00	2.28E-03
113	CARTGRID	1	371900	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.37E-03	1.55E-03	2.42E-06	3.70E-05	4.73E-07	1.37E-03	2.32E-03	1.37E-03	6.61E-06	0.00E+00	2.04E-07	9.35E-04	0.00E+00	0.00E+00	2.32E-03
114	CARTGRID	1	372000	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.38E-03	1.56E-03	2.43E-06	3.72E-05	4.79E-07	1.38E-03	2.34E-03	1.38E-03	6.81E-06	0.00E+00	2.09E-07	9.67E-04	0.00E+00	0.00E+00	2.34E-03
115	CARTGRID	1	372100	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.38E-03	1.56E-03	2.42E-06	3.71E-05	4.81E-07	1.38E-03	2.33E-03	1.38E-03	6.95E-06	0.00E+00	2.11E-07	9.88E-04	0.00E+00	0.00E+00	2.33E-03
116	CARTGRID	1	372200	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.38E-03	1.56E-03	2.43E-06	3.72E-05	4.86E-07	1.38E-03	2.34E-03	1.38E-03	7.17E-06	0.00E+00	2.15E-07	1.02E-03	0.00E+00	0.00E+00	2.34E-03
117	CARTGRID	1	372300	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.37E-03	1.55E-03	2.41E-06	3.69E-05	4.86E-07	1.37E-03	2.33E-03	1.37E-03	7.32E-06	0.00E+00	2.18E-07	1.05E-03	0.00E+00	0.00E+00	2.33E-03
118	CARTGRID	1	372400	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.38E-06	3.65E-05	4.83E-07	1.35E-03	2.31E-03	1.35E-03	7.39E-06	0.00E+00	2.17E-07	1.06E-03	0.00E+00	0.00E+00	2.31E-03
119	CARTGRID	1	372500	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-03	1.54E-03	2.39E-06	3.65E-05	4.87E-07	1.36E-03	2.32E-03	1.36E-03	7.63E-06	0.00E+00	2.22E-07	1.10E-03	0.00E+00	0.00E+00	2.32E-03
120	CARTGRID	1	372600	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.38E-06	3.64E-05	4.90E-07	1.35E-03	2.32E-03	1.35E-03	7.82E-06	0.00E+00	2.25E-07	1.13E-03	0.00E+00	0.00E+00	2.32E-03
121	CARTGRID	1	372700	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.52E-03	2.37E-06	3.63E-05	4.92E-07	1.35E-03	2.32E-03	1.35E-03	8.00E-06	0.00E+00	2.28E-07	1.15E-03	0.00E+00	0.00E+00	2.32E-03
122	CARTGRID	1	372800	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.34E-03	1.51E-03	2.35E-06	3.60E-05	4.93E-07	1.34E-03	2.31E-03	1.34E-03	8.15E-06	0.00E+00	2.31E-07	1.17E-03	0.00E+00	0.00E+00	2.31E-03
123	CARTGRID	1	372900	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.50E-03	2.34E-06	3.58E-05	4.97E-07	1.33E-03	2.31E-03	1.33E-03	8.36E-06	0.00E+00	2.36E-07	1.20E-03	0.00E+00	0.00E+00	2.31E-03
124	CARTGRID	1	373000	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-03	1.48E-03	2.30E-06	3.53E-05	4.97E-07	1.31E-03	2.28E-03	1.31E-03	8.53E-06	0.00E+00	2.41E-07	1.21E-03	0.00E+00	0.00E+00	2.28E-03
125	CARTGRID	1	373100	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.28E-03	1.46E-03	2.26E-06	3.47E-05	5.00E-07	1.29E-03	2.26E-03	1.28E-03	8.77E-06	0.00E+00	2.48E-07	1.24E-03	0.00E+00	0.00E+00	2.26E-03
126	CARTGRID	1	373200	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-03	1.41E-03	2.20E-06	3.37E-05	5.00E-07	1.25E-03	2.21E-03	1.25E-03	8.96E-06	0.00E+00	2.55E-07	1.26E-03	0.00E+00	0.00E+00	2.21E-03
127	CARTGRID	1	373300	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-03	1.39E-03	2.16E-06	3.32E-05	5.08E-07	1.23E-03	2.19E-03	1.23E-03	9.31E-06	0.00E+00	2.68E-07	1.29E-03	0.00E+00	0.00E+00	2.19E-03
128	CARTGRID	1	373400	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-03	1.33E-03	2.07E-06	3.17E-05	5.00E-07	1.17E-03	2.11E-03	1.17E-03	9.22E-06	0.00E+00	2.71E-07	1.25E-03	0.00E+00	0.00E+00	2.11E-03
129	CARTGRID	1	373500	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.14E-03	1.29E-03	2.01E-06	3.08E-05	4.97E-07	1.14E-03	2.05E-03	1.14E-03	9.14E-06	0.00E+00	2.74E-07	1.22E-03	0.00E+00	0.00E+00	2.05E-03
130	CARTGRID	1	373600	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-03	1.32E-03	2.05E-06	3.14E-05	5.20E-07	1.16E-03	2.10E-03	1.16E-03	9.61E-06	0.00E+00	2.92E-07	1.26E-03	0.00E+00	0.00E+00	2.10E-03
131	CARTGRID	1	373700	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-03	1.32E-03	2.05E-06	3.14E-05	5.31E-07	1.16E-03	2.11E-03	1.16E-03	9.87E-06	0.00E+00	3.04E-07	1.28E-03	0.00E+00	0.00E+00	2.11E-03
132	CARTGRID	1	373800	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-03	1.32E-03	2.05E-06	3.15E-05	5.42E-07	1.17E-03	2.12E-03	1.16E-03	1.01E-05	0.00E+00	3.14E-07	1.30E-03	0.00E+00	0.00E+00	2.12E-03
133	CARTGRID	1	373900	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-03	1.31E-03	2.04E-06	3.13E-05	5.45E-07	1.16E-03	2.11E-03	1.16E-03	1.02E-05	0.00E+00	3.18E-07	1.30E-03	0.00E+00	0.00E+00	2.11E-03
134	CARTGRID	1	374000	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.30E-03	2.02E-06	3.11E-05	5.40E-07	1.15E-03	2.09E-03	1.15E-03	9.96E-06	0.00E+00	3.14E-07	1.28E-03	0.00E+00	0.00E+00	2.09E-03
135	CARTGRID	1	374100	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-03	1.28E-03	1.99E-06	3.06E-05	5.18E-07	1.13E-03	2.03E-03	1.13E-03	9.37E-06	0.00E+00	2.97E-07	1.22E-03	0.00E+00	0.00E+00	2.03E-03
136	CARTGRID	1	374200	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.09E-03	1.24E-03	1.93E-06	2.96E-05	4.84E-07	1.10E-03	1.93E-03	1.09E-03	8.51E-06	0.00E+00	2.70E-07	1.14E-03	0.00E+00	0.00E+00	1.93E-03
137	CARTGRID	1	374300	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-03	1.15E-03	1.79E-06	2.74E-05	4.16E-07	1.02E-03	1.75E-03	1.02E-03	6.86E-06	0.00E+00	2.17E-07	9.37E-04	0.00E+00	0.00E+00	1.75E-03
138	CARTGRID	1	374400	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.58E-04	1.08E-03	1.69E-06	2.58E-05	3.57E-07	9.59E-04	1.62E-03	9.57E-04	5.40E-06	0.00E+00	1.70E-07	7.55E-04	0.00E+00	0.00E+00	1.62E-03
139	CARTGRID	1	374500	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.01E-04	1.02E-03	1.59E-06	2.43E-05	3.21E-07	9.02E-04	1.51E-03	9.00E-04	4.62E-06	0.00E+00	1.45E-07	6.44E-04	0.00E+00	0.00E+00	1.51E-03
140	CARTGRID	1	374600	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.42E-04	9.54E-04	1.48E-06	2.27E-05	2.93E-07	8.43E-04	1.41E-03	8.42E-04	4.10E-06	0.00E+00	1.28E-07	5.68E-04	0.00E+00	0.00E+00	1.41E-03
141	CARTGRID	1	374700	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.98E-04	9.04E-04	1.41E-06	2.15E-05	2.71E-07	7.99E-04	1.33E-03	7.98E-04	3.66E-06	0.00E+00	1.15E-07	5.01E-04	0.00E+00	0.00E+00	1.33E-03
142	CARTGRID	1	374800	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.47E-04	8.46E-04	1.32E-06	2.01E-05	2.47E-07	7.48E-04	1.24E-03	7.47E-04	3.19E-06	0.00E+00	1.01E-07	4.39E-04	0.00E+00	0.00E+00	1.24E-03
143	CARTGRID	1	374900	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.02E-04	7.95E-04	1.24E-06	1.89E-05	2.28E-07	7.03E-04	1.16E-03	7.02E-04	2.87E-06	0.00E+00	9.08E-08	3.98E-04	0.00E+00	0.00E+00	1.16E-03
144	CARTGRID	1	375000	3761700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.72E-04	7.61E-04	1.18E-06	1.81E-05	2.13E-07	6.72E-04	1.10E-03	6.72E-04	2.57E-06	0.00E+00	8.18E-08	3.60E-04	0.00E+00	0.00E+00	1.10E-03
145	CARTGRID	1	371500	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-03	1.47E-03	2.29E-06	3.50E-05	4.39E-07	1.30E-03	2.19E-03	1.30E-03	5.81E-06	0.00E+00	1.84E-07	8.13E-04	0.00E+00	0.00E+00	2.19E-03
146	CARTGRID	1	371600	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.34E-03	1.52E-03	2.36E-06	3.61E-05	4.53E-07	1.34E-03	2.25E-03	1.34E-03	6.04E-06	0.00E+00	1.91E-07	8.47E-04	0.00E+00	0.00E+00	2.25E-03
147	CARTGRID	1	371700	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.38E-03	1.56E-03	2.43E-06	3.72E-05	4.68E-07	1.38E-03	2.32E-03	1.38E-03	6.29E-06	0.00E+00	1.98E-07	8.84E-04	0.00E+00	0.00E+00	2.32E-03
148	CARTGRID	1	371800	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.42E-03	1.60E-03	2.49E-06	3.82E-05	4.82E-07	1.42E-03	2.38E-03	1.42E-03	6.55E-06	0.00E+00	2.04E-07	9.23E-04	0.00E+00	0.00E+00	2.38E-03
149	CARTGRID	1	371900	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-03	1.64E-03	2.55E-06	3.91E-05	4.96E-07	1.45E-03	2.44E-03	1.45E-03	6.83E-06	0.00E+00	2.12E-07	9.66E-04	0.00E+00	0.00E+00	2.44E-03
150	CARTGRID	1	372000	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.47E-03	1.67E-03	2.60E-06	3.97E-05	5.08E-07	1.48E-03	2.49E-03	1.47E-03	7.13E-06	0.00E+00	2.19E-07	1.01E-03	0.00E+00	0.00E+00	2.49E-03
151	CARTGRID	1	372100	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.62E-06	4.01E-05	5.17E-07	1.49E-03	2.52E-03	1.49E-03	7.42E-06	0.00E+00	2.25E-07	1.05E-03	0.00E+00	0.00E+00	2.52E-03
152	CARTGRID	1	372200	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.02E-05	5.23E-07	1.49E-03	2.53E-03	1.49E-03	7.65E-06	0.00E+00	2.30E-07	1.09E-03	0.00E+00	0.00E+00	2.53E-03
153	CARTGRID	1	372300	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.02E-05	5.27E-07	1.49E-03	2.54E-03	1.49E-03	7.87E-06	0.00E+00	2.34E-07	1.13E-03	0.00E+00	0.00E+00	2.54E-03
154	CARTGRID	1	372400	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.02E-05	5.31E-07	1.49E-03	2.54E-03	1.49E-03	8.10E-06	0.00E+00	2.38E-07	1.16E-03	0.00E+00	0.00E+00	2.54E-03
155	CARTGRID	1	372500	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.02E-05	5.34E-07	1.49E-03	2.55E-03	1.49E-03	8.30E-06	0.00E+00	2.41E-07	1.20E-03	0.00E+00	0.00E+00	2.55E-03
156	CARTGRID	1	372600	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.62E-06	4.02E-05	5.36E-07	1.49E-03	2.55E-03	1.49E-03	8.51E-06	0.00E+00	2.44E-07	1.23E-03	0.00E+00	0.00E+00	2.55E-03
157	CARTGRID	1	372700	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.03E-05	5.41E-07	1.49E-03	2.57E-03	1.49E-03	8.75E-06	0.00E+00	2.48E-07	1.26E-03	0.00E+00	0.00E+00	2.57E-03
158	CARTGRID	1	372800	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.62E-06	4.01E-05	5.43E-07	1.49E-03	2.57E-03	1.49E-03	8.93E-06	0.00E+00	2.52E-07	1.29E-03	0.00E+00	0.00E+00	2.57E-03
159	CARTGRID	1	372900	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.62E-06	4.02E-05	5.50E-07	1.49E-03	2.58E-03	1.49E-03	9.22E-06	0.00E+00	2.58E-07	1.33E-03	0.00E+00	0.00E+00	2.58E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
160	CARTGRID	1	373000	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.03E-05	5.61E-07	1.50E-03	2.60E-03	1.49E-03	9.62E-06	0.00E+00	2.68E-07	1.38E-03	0.00E+00	0.00E+00	2.60E-03
161	CARTGRID	1	373100	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.48E-03	1.68E-03	2.61E-06	4.00E-05	5.68E-07	1.48E-03	2.60E-03	1.48E-03	9.99E-06	0.00E+00	2.78E-07	1.43E-03	0.00E+00	0.00E+00	2.60E-03
162	CARTGRID	1	373200	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.43E-03	1.62E-03	2.52E-06	3.87E-05	5.65E-07	1.44E-03	2.53E-03	1.43E-03	1.02E-05	0.00E+00	2.85E-07	1.45E-03	0.00E+00	0.00E+00	2.53E-03
163	CARTGRID	1	373300	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.42E-03	1.61E-03	2.50E-06	3.83E-05	5.80E-07	1.42E-03	2.53E-03	1.42E-03	1.08E-05	0.00E+00	3.03E-07	1.52E-03	0.00E+00	0.00E+00	2.53E-03
164	CARTGRID	1	373400	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.39E-03	1.57E-03	2.45E-06	3.75E-05	5.93E-07	1.39E-03	2.50E-03	1.39E-03	1.13E-05	0.00E+00	3.21E-07	1.56E-03	0.00E+00	0.00E+00	2.50E-03
165	CARTGRID	1	373500	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.28E-03	1.45E-03	2.25E-06	3.45E-05	5.64E-07	1.28E-03	2.31E-03	1.28E-03	1.06E-05	0.00E+00	3.14E-07	1.43E-03	0.00E+00	0.00E+00	2.31E-03
166	CARTGRID	1	373600	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-03	1.48E-03	2.29E-06	3.53E-05	5.95E-07	1.30E-03	2.38E-03	1.30E-03	1.13E-05	0.00E+00	3.40E-07	1.49E-03	0.00E+00	0.00E+00	2.38E-03
167	CARTGRID	1	373700	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-03	1.48E-03	2.30E-06	3.54E-05	6.16E-07	1.31E-03	2.40E-03	1.31E-03	1.18E-05	0.00E+00	3.60E-07	1.53E-03	0.00E+00	0.00E+00	2.40E-03
168	CARTGRID	1	373800	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-03	1.48E-03	2.30E-06	3.54E-05	6.36E-07	1.31E-03	2.42E-03	1.31E-03	1.22E-05	0.00E+00	3.80E-07	1.56E-03	0.00E+00	0.00E+00	2.42E-03
169	CARTGRID	1	373900	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-03	1.46E-03	2.27E-06	3.49E-05	6.46E-07	1.29E-03	2.40E-03	1.29E-03	1.25E-05	0.00E+00	3.94E-07	1.58E-03	0.00E+00	0.00E+00	2.40E-03
170	CARTGRID	1	374000	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-03	1.44E-03	2.24E-06	3.45E-05	6.52E-07	1.27E-03	2.38E-03	1.27E-03	1.27E-05	0.00E+00	4.03E-07	1.60E-03	0.00E+00	0.00E+00	2.38E-03
171	CARTGRID	1	374100	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-03	1.42E-03	2.20E-06	3.39E-05	6.45E-07	1.25E-03	2.34E-03	1.25E-03	1.25E-05	0.00E+00	4.00E-07	1.58E-03	0.00E+00	0.00E+00	2.34E-03
172	CARTGRID	1	374200	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.34E-03	2.09E-06	3.22E-05	6.21E-07	1.19E-03	2.19E-03	1.19E-03	1.22E-05	0.00E+00	3.89E-07	1.60E-03	0.00E+00	0.00E+00	2.19E-03
173	CARTGRID	1	374300	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-03	1.25E-03	1.94E-06	3.01E-05	6.98E-07	1.11E-03	2.04E-03	1.10E-03	1.49E-05	0.00E+00	4.82E-07	2.08E-03	0.00E+00	0.00E+00	2.08E-03
174	CARTGRID	1	374400	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.17E-03	1.81E-06	2.79E-05	4.61E-07	1.03E-03	1.80E-03	1.03E-03	8.14E-06	0.00E+00	2.59E-07	1.17E-03	0.00E+00	0.00E+00	1.80E-03
175	CARTGRID	1	374500	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.63E-04	1.09E-03	1.70E-06	2.60E-05	3.74E-07	9.64E-04	1.65E-03	9.63E-04	5.88E-06	0.00E+00	1.86E-07	8.11E-04	0.00E+00	0.00E+00	1.65E-03
176	CARTGRID	1	374600	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.07E-04	1.03E-03	1.60E-06	2.45E-05	3.32E-07	9.08E-04	1.53E-03	9.07E-04	4.89E-06	0.00E+00	1.54E-07	6.60E-04	0.00E+00	0.00E+00	1.53E-03
177	CARTGRID	1	374700	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.49E-04	9.62E-04	1.50E-06	2.29E-05	2.91E-07	8.50E-04	1.42E-03	8.49E-04	3.92E-06	0.00E+00	1.24E-07	5.32E-04	0.00E+00	0.00E+00	1.42E-03
178	CARTGRID	1	374800	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.85E-04	8.89E-04	1.38E-06	2.12E-05	2.67E-07	7.86E-04	1.31E-03	7.85E-04	3.58E-06	0.00E+00	1.13E-07	4.90E-04	0.00E+00	0.00E+00	1.31E-03
179	CARTGRID	1	374900	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.50E-04	8.49E-04	1.32E-06	2.02E-05	2.45E-07	7.51E-04	1.24E-03	7.50E-04	3.10E-06	0.00E+00	9.84E-08	4.29E-04	0.00E+00	0.00E+00	1.24E-03
180	CARTGRID	1	375000	3761800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.18E-04	8.13E-04	1.26E-06	1.93E-05	2.28E-07	7.18E-04	1.18E-03	7.18E-04	2.77E-06	0.00E+00	8.80E-08	3.87E-04	0.00E+00	0.00E+00	1.18E-03
181	CARTGRID	1	371500	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-03	1.54E-03	2.40E-06	3.67E-05	4.58E-07	1.36E-03	2.29E-03	1.36E-03	6.04E-06	0.00E+00	1.92E-07	8.44E-04	0.00E+00	0.00E+00	2.29E-03
182	CARTGRID	1	371600	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.41E-03	1.59E-03	2.48E-06	3.79E-05	4.74E-07	1.41E-03	2.37E-03	1.41E-03	6.28E-06	0.00E+00	1.98E-07	8.79E-04	0.00E+00	0.00E+00	2.37E-03
183	CARTGRID	1	371700	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-03	1.66E-03	2.58E-06	3.95E-05	4.95E-07	1.47E-03	2.47E-03	1.46E-03	6.63E-06	0.00E+00	2.08E-07	9.30E-04	0.00E+00	0.00E+00	2.47E-03
184	CARTGRID	1	371800	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.51E-03	1.71E-03	2.66E-06	4.06E-05	5.11E-07	1.51E-03	2.54E-03	1.51E-03	6.90E-06	0.00E+00	2.15E-07	9.70E-04	0.00E+00	0.00E+00	2.54E-03
185	CARTGRID	1	371900	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.55E-03	1.75E-03	2.72E-06	4.17E-05	5.26E-07	1.55E-03	2.60E-03	1.55E-03	7.19E-06	0.00E+00	2.23E-07	1.01E-03	0.00E+00	0.00E+00	2.60E-03
186	CARTGRID	1	372000	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.58E-03	1.79E-03	2.79E-06	4.26E-05	5.42E-07	1.58E-03	2.67E-03	1.58E-03	7.52E-06	0.00E+00	2.31E-07	1.06E-03	0.00E+00	0.00E+00	2.67E-03
187	CARTGRID	1	372100	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-03	1.83E-03	2.84E-06	4.34E-05	5.56E-07	1.61E-03	2.72E-03	1.61E-03	7.90E-06	0.00E+00	2.40E-07	1.12E-03	0.00E+00	0.00E+00	2.72E-03
188	CARTGRID	1	372200	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.62E-03	1.84E-03	2.86E-06	4.37E-05	5.65E-07	1.62E-03	2.75E-03	1.62E-03	8.19E-06	0.00E+00	2.47E-07	1.17E-03	0.00E+00	0.00E+00	2.75E-03
189	CARTGRID	1	372300	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.85E-03	2.87E-06	4.39E-05	5.72E-07	1.63E-03	2.77E-03	1.63E-03	8.48E-06	0.00E+00	2.53E-07	1.21E-03	0.00E+00	0.00E+00	2.77E-03
190	CARTGRID	1	372400	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-03	1.86E-03	2.88E-06	4.41E-05	5.79E-07	1.64E-03	2.79E-03	1.64E-03	8.78E-06	0.00E+00	2.58E-07	1.26E-03	0.00E+00	0.00E+00	2.79E-03
191	CARTGRID	1	372500	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.65E-03	1.86E-03	2.90E-06	4.44E-05	5.85E-07	1.65E-03	2.81E-03	1.65E-03	9.06E-06	0.00E+00	2.62E-07	1.31E-03	0.00E+00	0.00E+00	2.81E-03
192	CARTGRID	1	372600	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-03	1.90E-03	2.94E-06	4.51E-05	5.99E-07	1.67E-03	2.86E-03	1.67E-03	9.48E-06	0.00E+00	2.70E-07	1.37E-03	0.00E+00	0.00E+00	2.86E-03
193	CARTGRID	1	372700	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-03	1.90E-03	2.95E-06	4.52E-05	6.03E-07	1.68E-03	2.88E-03	1.68E-03	9.71E-06	0.00E+00	2.74E-07	1.41E-03	0.00E+00	0.00E+00	2.88E-03
194	CARTGRID	1	372800	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-03	1.90E-03	2.95E-06	4.53E-05	6.07E-07	1.68E-03	2.89E-03	1.68E-03	9.94E-06	0.00E+00	2.78E-07	1.44E-03	0.00E+00	0.00E+00	2.89E-03
195	CARTGRID	1	372900	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.70E-03	1.92E-03	2.99E-06	4.57E-05	6.19E-07	1.70E-03	2.93E-03	1.70E-03	1.03E-05	0.00E+00	2.86E-07	1.50E-03	0.00E+00	0.00E+00	2.93E-03
196	CARTGRID	1	373000	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-03	1.95E-03	3.03E-06	4.63E-05	6.36E-07	1.72E-03	2.98E-03	1.72E-03	1.09E-05	0.00E+00	2.99E-07	1.58E-03	0.00E+00	0.00E+00	2.98E-03
197	CARTGRID	1	373100	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.71E-03	1.94E-03	3.02E-06	4.62E-05	6.47E-07	1.72E-03	2.99E-03	1.71E-03	1.14E-05	0.00E+00	3.11E-07	1.64E-03	0.00E+00	0.00E+00	2.99E-03
198	CARTGRID	1	373200	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-03	1.91E-03	2.97E-06	4.55E-05	6.53E-07	1.69E-03	2.97E-03	1.68E-03	1.18E-05	0.00E+00	3.23E-07	1.71E-03	0.00E+00	0.00E+00	2.97E-03
199	CARTGRID	1	373300	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-03	1.89E-03	2.93E-06	4.50E-05	6.69E-07	1.67E-03	2.96E-03	1.67E-03	1.27E-05	0.00E+00	3.43E-07	1.83E-03	0.00E+00	0.00E+00	2.96E-03
200	CARTGRID	1	373400	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.84E-03	2.86E-06	4.40E-05	6.84E-07	1.63E-03	2.93E-03	1.63E-03	1.34E-05	0.00E+00	3.65E-07	1.91E-03	0.00E+00	0.00E+00	2.93E-03
201	CARTGRID	1	373500	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.03E-05	6.76E-07	1.49E-03	2.73E-03	1.49E-03	1.34E-05	0.00E+00	3.84E-07	1.83E-03	0.00E+00	0.00E+00	2.73E-03
202	CARTGRID	1	373600	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.39E-03	1.57E-03	2.44E-06	3.76E-05	6.57E-07	1.39E-03	2.56E-03	1.39E-03	1.29E-05	0.00E+00	3.85E-07	1.71E-03	0.00E+00	0.00E+00	2.56E-03
203	CARTGRID	1	373700	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-03	1.64E-03	2.55E-06	3.93E-05	7.04E-07	1.45E-03	2.70E-03	1.45E-03	1.39E-05	0.00E+00	4.20E-07	1.81E-03	0.00E+00	0.00E+00	2.70E-03
204	CARTGRID	1	373800	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-03	1.65E-03	2.56E-06	3.94E-05	7.37E-07	1.46E-03	2.73E-03	1.45E-03	1.46E-05	0.00E+00	4.52E-07	1.85E-03	0.00E+00	0.00E+00	2.73E-03
205	CARTGRID	1	373900	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-03	1.63E-03	2.53E-06	3.89E-05	7.60E-07	1.44E-03	2.72E-03	1.44E-03	1.52E-05	0.00E+00	4.79E-07	1.90E-03	0.00E+00	0.00E+00	2.72E-03
206	CARTGRID	1	374000	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.42E-03	1.61E-03	2.49E-06	3.84E-05	7.87E-07	1.42E-03	2.72E-03	1.42E-03	1.60E-05	0.00E+00	5.10E-07	1.98E-03	0.00E+00	0.00E+00	2.72E-03
207	CARTGRID	1	374100	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.39E-03	1.58E-03	2.46E-06	3.79E-05	8.11E-07	1.40E-03	2.74E-03	1.39E-03	1.68E-05	0.00E+00	5.38E-07	2.06E-03	0.00E+00	0.00E+00	2.74E-03
208	CARTGRID	1	374200	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-03	1.48E-03	2.30E-06	3.55E-05	8.23E-07	1.31E-03	2.61E-03	1.30E-03	1.76E-05	0.00E+00	5.68E-07	2.20E-03	0.00E+00	0.00E+00	2.61E-03
209	CARTGRID	1	374300	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.35E-03	2.09E-06	3.24E-05	8.04E-07	1.19E-03	2.33E-03	1.19E-03	1.77E-05	0.00E+00	5.71E-07	2.63E-03	0.00E+00	0.00E+00	2.63E-03
210	CARTGRID	1	374400	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.28E-03	1.98E-06	3.09E-05	1.04E-06	1.12E-03	2.23E-03	1.12E-03	2.53E-05	0.00E+00	8.23E-07	3.55E-03	0.00E+00	0.00E+00	3.55E-03
211	CARTGRID	1	374500	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.04E-03	1.18E-03	1.83E-06	2.81E-05	5.06E-07	1.04E-03	1.84E-03	1.04E-03	9.47E-06	0.00E+00	3.03E-07	1.26E-03	0.00E+00	0.00E+00	1.84E-03
212	CARTGRID	1	374600	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.63E-04	1.09E-03	1.70E-06	2.60E-05	3.56E-07	9.64E-04	1.63E-03	9.63E-04	5.25E-06	0.00E+00	1.68E-07	7.03E-04	0.00E+00	0.00E+00	1.63E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
213	CARTGRID	1	374700	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.67E-04	9.82E-04	1.53E-06	2.34E-05	3.00E-07	8.68E-04	1.45E-03	8.67E-04	4.10E-06	0.00E+00	1.31E-07	5.55E-04	0.00E+00	0.00E+00	1.45E-03
214	CARTGRID	1	374800	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.42E-04	9.54E-04	1.48E-06	2.27E-05	2.85E-07	8.43E-04	1.40E-03	8.42E-04	3.79E-06	0.00E+00	1.20E-07	5.16E-04	0.00E+00	0.00E+00	1.40E-03
215	CARTGRID	1	374900	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.93E-04	8.98E-04	1.40E-06	2.14E-05	2.56E-07	7.94E-04	1.30E-03	7.93E-04	3.17E-06	0.00E+00	1.01E-07	4.37E-04	0.00E+00	0.00E+00	1.30E-03
216	CARTGRID	1	375000	3761900	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.65E-04	8.67E-04	1.35E-06	2.06E-05	2.43E-07	7.66E-04	1.25E-03	7.65E-04	2.95E-06	0.00E+00	9.34E-08	4.10E-04	0.00E+00	0.00E+00	1.25E-03
217	CARTGRID	1	371500	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.43E-03	1.62E-03	2.52E-06	3.85E-05	4.79E-07	1.43E-03	2.41E-03	1.43E-03	6.27E-06	0.00E+00	1.99E-07	8.75E-04	0.00E+00	0.00E+00	2.41E-03
218	CARTGRID	1	371600	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.48E-03	1.68E-03	2.61E-06	4.00E-05	4.98E-07	1.49E-03	2.50E-03	1.48E-03	6.54E-06	0.00E+00	2.07E-07	9.14E-04	0.00E+00	0.00E+00	2.50E-03
219	CARTGRID	1	371700	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.55E-03	1.76E-03	2.73E-06	4.18E-05	5.22E-07	1.55E-03	2.61E-03	1.55E-03	6.94E-06	0.00E+00	2.18E-07	9.72E-04	0.00E+00	0.00E+00	2.61E-03
220	CARTGRID	1	371800	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-03	1.85E-03	2.88E-06	4.41E-05	5.54E-07	1.64E-03	2.75E-03	1.63E-03	7.49E-06	0.00E+00	2.33E-07	1.05E-03	0.00E+00	0.00E+00	2.75E-03
221	CARTGRID	1	371900	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-03	1.89E-03	2.94E-06	4.49E-05	5.65E-07	1.67E-03	2.81E-03	1.67E-03	7.67E-06	0.00E+00	2.38E-07	1.08E-03	0.00E+00	0.00E+00	2.81E-03
222	CARTGRID	1	372000	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-03	1.91E-03	2.97E-06	4.55E-05	5.72E-07	1.69E-03	2.84E-03	1.69E-03	7.82E-06	0.00E+00	2.41E-07	1.10E-03	0.00E+00	0.00E+00	2.84E-03
223	CARTGRID	1	372100	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-03	1.95E-03	3.03E-06	4.64E-05	5.88E-07	1.72E-03	2.90E-03	1.72E-03	8.19E-06	0.00E+00	2.51E-07	1.16E-03	0.00E+00	0.00E+00	2.90E-03
224	CARTGRID	1	372200	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-03	1.98E-03	3.08E-06	4.72E-05	6.04E-07	1.75E-03	2.96E-03	1.75E-03	8.63E-06	0.00E+00	2.61E-07	1.23E-03	0.00E+00	0.00E+00	2.96E-03
225	CARTGRID	1	372300	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.79E-03	2.03E-03	3.15E-06	4.82E-05	6.24E-07	1.79E-03	3.03E-03	1.79E-03	9.18E-06	0.00E+00	2.73E-07	1.31E-03	0.00E+00	0.00E+00	3.03E-03
226	CARTGRID	1	372400	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.80E-03	2.04E-03	3.18E-06	4.86E-05	6.35E-07	1.81E-03	3.07E-03	1.80E-03	9.56E-06	0.00E+00	2.81E-07	1.37E-03	0.00E+00	0.00E+00	3.07E-03
227	CARTGRID	1	372500	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-03	2.07E-03	3.21E-06	4.92E-05	6.46E-07	1.83E-03	3.11E-03	1.83E-03	9.94E-06	0.00E+00	2.88E-07	1.43E-03	0.00E+00	0.00E+00	3.11E-03
228	CARTGRID	1	372600	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.80E-03	2.04E-03	3.17E-06	4.86E-05	6.38E-07	1.80E-03	3.07E-03	1.80E-03	9.95E-06	0.00E+00	2.85E-07	1.44E-03	0.00E+00	0.00E+00	3.07E-03
229	CARTGRID	1	372700	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.88E-03	2.13E-03	3.32E-06	5.08E-05	6.72E-07	1.89E-03	3.22E-03	1.88E-03	1.08E-05	0.00E+00	3.02E-07	1.57E-03	0.00E+00	0.00E+00	3.22E-03
230	CARTGRID	1	372800	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.15E-03	3.35E-06	5.13E-05	6.81E-07	1.90E-03	3.26E-03	1.90E-03	1.11E-05	0.00E+00	3.07E-07	1.62E-03	0.00E+00	0.00E+00	3.26E-03
231	CARTGRID	1	372900	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-03	2.21E-03	3.43E-06	5.26E-05	7.02E-07	1.95E-03	3.35E-03	1.95E-03	1.17E-05	0.00E+00	3.20E-07	1.71E-03	0.00E+00	0.00E+00	3.35E-03
232	CARTGRID	1	373000	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.00E-03	2.27E-03	3.52E-06	5.39E-05	7.27E-07	2.00E-03	3.45E-03	2.00E-03	1.23E-05	0.00E+00	3.35E-07	1.81E-03	0.00E+00	0.00E+00	3.45E-03
233	CARTGRID	1	373100	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-03	2.28E-03	3.54E-06	5.43E-05	7.44E-07	2.02E-03	3.50E-03	2.01E-03	1.30E-05	0.00E+00	3.50E-07	1.90E-03	0.00E+00	0.00E+00	3.50E-03
234	CARTGRID	1	373200	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.00E-03	2.27E-03	3.53E-06	5.40E-05	7.58E-07	2.00E-03	3.51E-03	2.00E-03	1.37E-05	0.00E+00	3.66E-07	2.01E-03	0.00E+00	0.00E+00	3.51E-03
235	CARTGRID	1	373300	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.98E-03	2.25E-03	3.49E-06	5.35E-05	7.76E-07	1.98E-03	3.51E-03	1.98E-03	1.48E-05	0.00E+00	3.87E-07	2.18E-03	0.00E+00	0.00E+00	3.51E-03
236	CARTGRID	1	373400	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-03	2.18E-03	3.39E-06	5.21E-05	7.89E-07	1.93E-03	3.46E-03	1.93E-03	1.59E-05	0.00E+00	4.11E-07	2.36E-03	0.00E+00	0.00E+00	3.46E-03
237	CARTGRID	1	373500	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.81E-03	2.05E-03	3.19E-06	4.90E-05	8.00E-07	1.81E-03	3.32E-03	1.81E-03	1.69E-05	0.00E+00	4.45E-07	2.46E-03	0.00E+00	0.00E+00	3.32E-03
238	CARTGRID	1	373600	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.60E-03	1.82E-03	2.82E-06	4.40E-05	1.30E-06	1.61E-03	3.24E-03	1.60E-03	3.20E-05	0.00E+00	9.89E-07	3.92E-03	0.00E+00	0.00E+00	3.92E-03
239	CARTGRID	1	373700	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.58E-03	1.80E-03	2.79E-06	4.30E-05	8.37E-07	1.59E-03	3.01E-03	1.58E-03	1.75E-05	0.00E+00	5.27E-07	2.27E-03	0.00E+00	0.00E+00	3.01E-03
240	CARTGRID	1	373800	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.84E-03	2.86E-06	4.41E-05	8.60E-07	1.63E-03	3.10E-03	1.63E-03	1.75E-05	0.00E+00	5.42E-07	2.21E-03	0.00E+00	0.00E+00	3.10E-03
241	CARTGRID	1	373900	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.62E-03	1.84E-03	2.85E-06	4.39E-05	8.96E-07	1.62E-03	3.12E-03	1.62E-03	1.83E-05	0.00E+00	5.79E-07	2.26E-03	0.00E+00	0.00E+00	3.12E-03
242	CARTGRID	1	374000	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.60E-03	1.82E-03	2.82E-06	4.36E-05	9.42E-07	1.61E-03	3.14E-03	1.60E-03	1.96E-05	0.00E+00	6.28E-07	2.39E-03	0.00E+00	0.00E+00	3.14E-03
243	CARTGRID	1	374100	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.57E-03	1.79E-03	2.77E-06	4.28E-05	1.02E-06	1.57E-03	3.22E-03	1.57E-03	2.19E-05	0.00E+00	7.08E-07	2.63E-03	0.00E+00	0.00E+00	3.22E-03
244	CARTGRID	1	374200	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.62E-06	4.08E-05	1.22E-06	1.49E-03	3.61E-03	1.49E-03	2.86E-05	0.00E+00	9.30E-07	3.37E-03	0.00E+00	0.00E+00	3.61E-03
245	CARTGRID	1	374300	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-03	1.50E-03	2.31E-06	3.65E-05	1.59E-06	1.31E-03	3.57E-03	1.31E-03	4.09E-05	0.00E+00	1.34E-06	4.76E-03	0.00E+00	0.00E+00	4.76E-03
246	CARTGRID	1	374400	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-03	1.40E-03	2.16E-06	3.41E-05	1.42E-06	1.23E-03	2.93E-03	1.23E-03	3.62E-05	0.00E+00	1.18E-06	4.23E-03	0.00E+00	0.00E+00	4.23E-03
247	CARTGRID	1	374500	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.27E-03	1.97E-06	3.03E-05	6.10E-07	1.12E-03	2.07E-03	1.12E-03	1.22E-05	0.00E+00	3.92E-07	1.58E-03	0.00E+00	0.00E+00	2.07E-03
248	CARTGRID	1	374600	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.49E-04	1.08E-03	1.67E-06	2.56E-05	3.78E-07	9.50E-04	1.62E-03	9.49E-04	5.98E-06	0.00E+00	1.92E-07	8.06E-04	0.00E+00	0.00E+00	1.62E-03
249	CARTGRID	1	374700	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.99E-04	1.02E-03	1.58E-06	2.42E-05	3.26E-07	9.00E-04	1.51E-03	8.99E-04	4.68E-06	0.00E+00	1.50E-07	6.33E-04	0.00E+00	0.00E+00	1.51E-03
250	CARTGRID	1	374800	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.02E-04	1.02E-03	1.59E-06	2.43E-05	3.15E-07	9.03E-04	1.51E-03	9.02E-04	4.37E-06	0.00E+00	1.39E-07	5.92E-04	0.00E+00	0.00E+00	1.51E-03
251	CARTGRID	1	374900	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.20E-04	9.29E-04	1.44E-06	2.21E-05	2.67E-07	8.21E-04	1.35E-03	8.20E-04	3.34E-06	0.00E+00	1.06E-07	4.59E-04	0.00E+00	0.00E+00	1.35E-03
252	CARTGRID	1	375000	3762000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.00E-04	9.06E-04	1.41E-06	2.15E-05	2.56E-07	8.01E-04	1.31E-03	8.00E-04	3.13E-06	0.00E+00	9.91E-08	4.33E-04	0.00E+00	0.00E+00	1.31E-03
253	CARTGRID	1	371500	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.50E-03	1.70E-03	2.64E-06	4.04E-05	5.00E-07	1.50E-03	2.52E-03	1.50E-03	6.50E-06	0.00E+00	2.06E-07	9.06E-04	0.00E+00	0.00E+00	2.52E-03
254	CARTGRID	1	371600	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.56E-03	1.77E-03	2.76E-06	4.21E-05	5.22E-07	1.57E-03	2.63E-03	1.56E-03	6.80E-06	0.00E+00	2.15E-07	9.49E-04	0.00E+00	0.00E+00	2.63E-03
255	CARTGRID	1	371700	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-03	1.86E-03	2.89E-06	4.42E-05	5.49E-07	1.64E-03	2.76E-03	1.64E-03	7.22E-06	0.00E+00	2.27E-07	1.01E-03	0.00E+00	0.00E+00	2.76E-03
256	CARTGRID	1	371800	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-03	1.98E-03	3.09E-06	4.72E-05	5.91E-07	1.75E-03	2.95E-03	1.75E-03	7.95E-06	0.00E+00	2.47E-07	1.11E-03	0.00E+00	0.00E+00	2.95E-03
257	CARTGRID	1	371900	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.79E-03	2.03E-03	3.15E-06	4.82E-05	6.03E-07	1.79E-03	3.01E-03	1.79E-03	8.11E-06	0.00E+00	2.52E-07	1.14E-03	0.00E+00	0.00E+00	3.01E-03
258	CARTGRID	1	372000	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-03	2.06E-03	3.20E-06	4.90E-05	6.12E-07	1.82E-03	3.06E-03	1.82E-03	8.27E-06	0.00E+00	2.56E-07	1.17E-03	0.00E+00	0.00E+00	3.06E-03
259	CARTGRID	1	372100	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.86E-03	2.11E-03	3.28E-06	5.02E-05	6.31E-07	1.87E-03	3.13E-03	1.86E-03	8.67E-06	0.00E+00	2.66E-07	1.23E-03	0.00E+00	0.00E+00	3.13E-03
260	CARTGRID	1	372200	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.88E-03	2.13E-03	3.32E-06	5.08E-05	6.42E-07	1.89E-03	3.17E-03	1.88E-03	8.98E-06	0.00E+00	2.73E-07	1.27E-03	0.00E+00	0.00E+00	3.17E-03
261	CARTGRID	1	372300	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-03	2.16E-03	3.36E-06	5.15E-05	6.58E-07	1.91E-03	3.23E-03	1.91E-03	9.44E-06	0.00E+00	2.84E-07	1.35E-03	0.00E+00	0.00E+00	3.23E-03
262	CARTGRID	1	372400	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-03	2.26E-03	3.51E-06	5.37E-05	6.96E-07	1.99E-03	3.38E-03	1.99E-03	1.04E-05	0.00E+00	3.05E-07	1.48E-03	0.00E+00	0.00E+00	3.38E-03
263	CARTGRID	1	372500	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.03E-03	2.30E-03	3.57E-06	5.47E-05	7.14E-07	2.03E-03	3.45E-03	2.03E-03	1.09E-05	0.00E+00	3.16E-07	1.57E-03	0.00E+00	0.00E+00	3.45E-03
264	CARTGRID	1	372600	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.05E-03	2.33E-03	3.61E-06	5.54E-05	7.25E-07	2.06E-03	3.50E-03	2.05E-03	1.13E-05	0.00E+00	3.22E-07	1.64E-03	0.00E+00	0.00E+00	3.50E-03
265	CARTGRID	1	372700	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.05E-03	2.33E-03	3.61E-06	5.54E-05	7.26E-07	2.06E-03	3.50E-03	2.05E-03	1.15E-05	0.00E+00	3.23E-07	1.67E-03	0.00E+00	0.00E+00	3.50E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
266	CARTGRID	1	372800	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.13E-03	2.42E-03	3.76E-06	5.75E-05	7.55E-07	2.14E-03	3.65E-03	2.13E-03	1.22E-05	0.00E+00	3.37E-07	1.79E-03	0.00E+00	0.00E+00	3.65E-03
267	CARTGRID	1	372900	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.23E-03	2.53E-03	3.92E-06	6.01E-05	7.91E-07	2.23E-03	3.82E-03	2.23E-03	1.30E-05	0.00E+00	3.54E-07	1.92E-03	0.00E+00	0.00E+00	3.82E-03
268	CARTGRID	1	373000	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.33E-03	2.64E-03	4.11E-06	6.29E-05	8.31E-07	2.34E-03	4.01E-03	2.33E-03	1.39E-05	0.00E+00	3.74E-07	2.05E-03	0.00E+00	0.00E+00	4.01E-03
269	CARTGRID	1	373100	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.39E-03	2.71E-03	4.21E-06	6.45E-05	8.62E-07	2.40E-03	4.13E-03	2.39E-03	1.47E-05	0.00E+00	3.92E-07	2.16E-03	0.00E+00	0.00E+00	4.13E-03
270	CARTGRID	1	373200	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.70E-03	4.19E-06	6.42E-05	8.76E-07	2.38E-03	4.14E-03	2.38E-03	1.55E-05	0.00E+00	4.10E-07	2.29E-03	0.00E+00	0.00E+00	4.14E-03
271	CARTGRID	1	373300	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.37E-03	2.69E-03	4.18E-06	6.40E-05	8.99E-07	2.37E-03	4.16E-03	2.37E-03	1.67E-05	0.00E+00	4.35E-07	2.47E-03	0.00E+00	0.00E+00	4.16E-03
272	CARTGRID	1	373400	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.31E-03	2.62E-03	4.06E-06	6.23E-05	9.14E-07	2.31E-03	4.11E-03	2.31E-03	1.83E-05	0.00E+00	4.61E-07	2.77E-03	0.00E+00	0.00E+00	4.11E-03
273	CARTGRID	1	373500	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.17E-03	2.46E-03	3.83E-06	5.87E-05	9.18E-07	2.18E-03	3.95E-03	2.17E-03	2.09E-05	0.00E+00	4.92E-07	3.25E-03	0.00E+00	0.00E+00	3.95E-03
274	CARTGRID	1	373600	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.94E-03	2.20E-03	3.42E-06	5.26E-05	9.10E-07	1.95E-03	3.68E-03	1.94E-03	2.09E-05	0.00E+00	5.29E-07	3.09E-03	0.00E+00	0.00E+00	3.68E-03
275	CARTGRID	1	373700	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.70E-03	1.92E-03	2.99E-06	4.61E-05	1.05E-06	1.70E-03	3.45E-03	1.70E-03	2.39E-05	0.00E+00	7.20E-07	3.06E-03	0.00E+00	0.00E+00	3.45E-03
276	CARTGRID	1	373800	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-03	1.88E-03	2.92E-06	4.53E-05	1.15E-06	1.66E-03	3.34E-03	1.66E-03	2.65E-05	0.00E+00	8.26E-07	3.26E-03	0.00E+00	0.00E+00	3.34E-03
277	CARTGRID	1	373900	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-03	2.07E-03	3.21E-06	4.96E-05	1.08E-06	1.83E-03	3.58E-03	1.82E-03	2.27E-05	0.00E+00	7.18E-07	2.79E-03	0.00E+00	0.00E+00	3.58E-03
278	CARTGRID	1	374000	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-03	2.07E-03	3.21E-06	4.96E-05	1.10E-06	1.82E-03	3.59E-03	1.82E-03	2.33E-05	0.00E+00	7.48E-07	2.81E-03	0.00E+00	0.00E+00	3.59E-03
279	CARTGRID	1	374100	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.79E-03	2.03E-03	3.15E-06	4.88E-05	1.20E-06	1.79E-03	3.65E-03	1.79E-03	2.64E-05	0.00E+00	8.54E-07	3.15E-03	0.00E+00	0.00E+00	3.65E-03
280	CARTGRID	1	374200	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-03	1.90E-03	2.94E-06	4.59E-05	1.48E-06	1.67E-03	3.96E-03	1.67E-03	3.55E-05	0.00E+00	1.16E-06	4.15E-03	0.00E+00	0.00E+00	4.15E-03
281	CARTGRID	1	374300	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.43E-03	1.64E-03	2.52E-06	4.07E-05	2.70E-06	1.43E-03	6.64E-03	1.43E-03	7.36E-05	0.00E+00	2.42E-06	8.35E-03	0.00E+00	0.00E+00	8.35E-03
282	CARTGRID	1	374400	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.34E-03	1.54E-03	2.35E-06	3.91E-05	3.52E-06	1.34E-03	6.33E-03	1.34E-03	9.89E-05	0.00E+00	3.26E-06	1.11E-02	0.00E+00	0.00E+00	1.11E-02
283	CARTGRID	1	374500	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-03	1.38E-03	2.14E-06	3.32E-05	9.17E-07	1.21E-03	2.60E-03	1.21E-03	2.09E-05	0.00E+00	6.80E-07	2.48E-03	0.00E+00	0.00E+00	2.60E-03
284	CARTGRID	1	374600	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.05E-03	1.19E-03	1.85E-06	2.84E-05	4.77E-07	1.05E-03	1.87E-03	1.05E-03	8.42E-06	0.00E+00	2.71E-07	1.07E-03	0.00E+00	0.00E+00	1.87E-03
285	CARTGRID	1	374700	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.56E-04	1.08E-03	1.68E-06	2.58E-05	3.73E-07	9.57E-04	1.63E-03	9.56E-04	5.79E-06	0.00E+00	1.86E-07	7.64E-04	0.00E+00	0.00E+00	1.63E-03
286	CARTGRID	1	374800	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.50E-04	1.08E-03	1.67E-06	2.56E-05	3.45E-07	9.52E-04	1.60E-03	9.50E-04	4.99E-06	0.00E+00	1.59E-07	6.70E-04	0.00E+00	0.00E+00	1.60E-03
287	CARTGRID	1	374900	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.43E-04	9.55E-04	1.48E-06	2.27E-05	2.86E-07	8.44E-04	1.40E-03	8.43E-04	3.78E-06	0.00E+00	1.21E-07	5.15E-04	0.00E+00	0.00E+00	1.40E-03
288	CARTGRID	1	375000	3762100	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.14E-04	9.22E-04	1.43E-06	2.19E-05	2.67E-07	8.15E-04	1.34E-03	8.14E-04	3.40E-06	0.00E+00	1.08E-07	4.66E-04	0.00E+00	0.00E+00	1.34E-03
289	CARTGRID	1	371500	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.57E-03	1.77E-03	2.76E-06	4.22E-05	5.21E-07	1.57E-03	2.64E-03	1.57E-03	6.74E-06	0.00E+00	2.14E-07	9.37E-04	0.00E+00	0.00E+00	2.64E-03
290	CARTGRID	1	371600	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.65E-03	1.87E-03	2.90E-06	4.44E-05	5.46E-07	1.65E-03	2.77E-03	1.65E-03	7.07E-06	0.00E+00	2.24E-07	9.86E-04	0.00E+00	0.00E+00	2.77E-03
291	CARTGRID	1	371700	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.73E-03	1.96E-03	3.05E-06	4.67E-05	5.75E-07	1.73E-03	2.91E-03	1.73E-03	7.48E-06	0.00E+00	2.35E-07	1.04E-03	0.00E+00	0.00E+00	2.91E-03
292	CARTGRID	1	371800	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.87E-03	2.11E-03	3.29E-06	5.03E-05	6.26E-07	1.87E-03	3.14E-03	1.87E-03	8.33E-06	0.00E+00	2.60E-07	1.17E-03	0.00E+00	0.00E+00	3.14E-03
293	CARTGRID	1	371900	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-03	2.18E-03	3.40E-06	5.20E-05	6.45E-07	1.93E-03	3.24E-03	1.93E-03	8.62E-06	0.00E+00	2.68E-07	1.21E-03	0.00E+00	0.00E+00	3.24E-03
294	CARTGRID	1	372000	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.97E-03	2.23E-03	3.46E-06	5.30E-05	6.57E-07	1.97E-03	3.30E-03	1.97E-03	8.77E-06	0.00E+00	2.71E-07	1.23E-03	0.00E+00	0.00E+00	3.30E-03
295	CARTGRID	1	372100	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.06E-03	2.33E-03	3.62E-06	5.54E-05	6.92E-07	2.06E-03	3.45E-03	2.05E-03	9.42E-06	0.00E+00	2.89E-07	1.33E-03	0.00E+00	0.00E+00	3.45E-03
296	CARTGRID	1	372200	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.09E-03	2.36E-03	3.67E-06	5.62E-05	7.05E-07	2.09E-03	3.51E-03	2.09E-03	9.75E-06	0.00E+00	2.96E-07	1.38E-03	0.00E+00	0.00E+00	3.51E-03
297	CARTGRID	1	372300	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.11E-03	2.39E-03	3.72E-06	5.69E-05	7.20E-07	2.11E-03	3.55E-03	2.11E-03	1.02E-05	0.00E+00	3.06E-07	1.45E-03	0.00E+00	0.00E+00	3.55E-03
298	CARTGRID	1	372400	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.13E-03	2.41E-03	3.75E-06	5.73E-05	7.33E-07	2.13E-03	3.59E-03	2.13E-03	1.06E-05	0.00E+00	3.16E-07	1.52E-03	0.00E+00	0.00E+00	3.59E-03
299	CARTGRID	1	372500	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.21E-03	2.50E-03	3.89E-06	5.96E-05	7.71E-07	2.21E-03	3.75E-03	2.21E-03	1.16E-05	0.00E+00	3.37E-07	1.66E-03	0.00E+00	0.00E+00	3.75E-03
300	CARTGRID	1	372600	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.31E-03	2.61E-03	4.06E-06	6.22E-05	8.10E-07	2.31E-03	3.92E-03	2.31E-03	1.25E-05	0.00E+00	3.57E-07	1.81E-03	0.00E+00	0.00E+00	3.92E-03
301	CARTGRID	1	372700	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.37E-03	2.68E-03	4.17E-06	6.39E-05	8.32E-07	2.37E-03	4.03E-03	2.37E-03	1.31E-05	0.00E+00	3.67E-07	1.91E-03	0.00E+00	0.00E+00	4.03E-03
302	CARTGRID	1	372800	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.48E-03	2.81E-03	4.37E-06	6.69E-05	8.70E-07	2.48E-03	4.23E-03	2.48E-03	1.39E-05	0.00E+00	3.83E-07	2.05E-03	0.00E+00	0.00E+00	4.23E-03
303	CARTGRID	1	372900	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.56E-03	2.90E-03	4.51E-06	6.91E-05	8.96E-07	2.57E-03	4.37E-03	2.56E-03	1.45E-05	0.00E+00	3.93E-07	2.15E-03	0.00E+00	0.00E+00	4.37E-03
304	CARTGRID	1	373000	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.71E-03	3.07E-03	4.77E-06	7.30E-05	9.46E-07	2.71E-03	4.63E-03	2.71E-03	1.54E-05	0.00E+00	4.14E-07	2.29E-03	0.00E+00	0.00E+00	4.63E-03
305	CARTGRID	1	373100	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.83E-03	3.20E-03	4.98E-06	7.62E-05	9.87E-07	2.83E-03	4.83E-03	2.83E-03	1.61E-05	0.00E+00	4.33E-07	2.39E-03	0.00E+00	0.00E+00	4.83E-03
306	CARTGRID	1	373200	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.86E-03	3.24E-03	5.03E-06	7.71E-05	1.02E-06	2.86E-03	4.92E-03	2.86E-03	1.71E-05	0.00E+00	4.56E-07	2.52E-03	0.00E+00	0.00E+00	4.92E-03
307	CARTGRID	1	373300	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.87E-03	3.26E-03	5.06E-06	7.75E-05	1.05E-06	2.88E-03	4.99E-03	2.87E-03	1.82E-05	0.00E+00	4.85E-07	2.67E-03	0.00E+00	0.00E+00	4.99E-03
308	CARTGRID	1	373400	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.81E-03	3.19E-03	4.96E-06	7.59E-05	1.07E-06	2.82E-03	4.96E-03	2.81E-03	1.99E-05	0.00E+00	5.19E-07	2.93E-03	0.00E+00	0.00E+00	4.96E-03
309	CARTGRID	1	373500	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.65E-03	3.01E-03	4.68E-06	7.17E-05	1.08E-06	2.66E-03	4.79E-03	2.65E-03	2.36E-05	0.00E+00	5.57E-07	3.68E-03	0.00E+00	0.00E+00	4.79E-03
310	CARTGRID	1	373600	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.70E-03	4.19E-06	6.43E-05	1.06E-06	2.38E-03	4.47E-03	2.38E-03	3.72E-05	0.00E+00	5.97E-07	6.78E-03	0.00E+00	0.00E+00	6.78E-03
311	CARTGRID	1	373700	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.98E-03	2.24E-03	3.48E-06	5.36E-05	1.08E-06	1.98E-03	5.26E-03	1.98E-03	2.55E-05	0.00E+00	6.92E-07	3.56E-03	0.00E+00	0.00E+00	5.26E-03
312	CARTGRID	1	373800	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.12E-03	2.40E-03	3.73E-06	5.75E-05	1.23E-06	2.12E-03	4.45E-03	2.12E-03	2.69E-05	0.00E+00	8.12E-07	3.44E-03	0.00E+00	0.00E+00	4.45E-03
313	CARTGRID	1	373900	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.00E-03	2.28E-03	3.53E-06	5.46E-05	1.33E-06	2.01E-03	4.11E-03	2.00E-03	3.02E-05	0.00E+00	9.33E-07	3.75E-03	0.00E+00	0.00E+00	4.11E-03
314	CARTGRID	1	374000	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-03	2.35E-03	3.65E-06	5.65E-05	1.40E-06	2.07E-03	4.21E-03	2.07E-03	3.11E-05	0.00E+00	9.97E-07	3.71E-03	0.00E+00	0.00E+00	4.21E-03
315	CARTGRID	1	374100	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.03E-03	2.30E-03	3.57E-06	5.54E-05	1.44E-06	2.03E-03	4.22E-03	2.03E-03	3.23E-05	0.00E+00	1.04E-06	3.82E-03	0.00E+00	0.00E+00	4.22E-03
316	CARTGRID	1	374200	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.84E-03	2.10E-03	3.24E-06	5.09E-05	2.01E-06	1.84E-03	4.49E-03	1.84E-03	5.09E-05	0.00E+00	1.65E-06	5.88E-03	0.00E+00	0.00E+00	5.88E-03
317	CARTGRID	1	374300	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.59E-03	1.82E-03	2.80E-06	4.54E-05	3.10E-06	1.59E-03	6.29E-03	1.59E-03	8.51E-05	0.00E+00	2.79E-06	9.64E-03	0.00E+00	0.00E+00	9.64E-03
318	CARTGRID	1	374400	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-03	1.67E-03	2.57E-06	4.17E-05	2.90E-06	1.46E-03	4.71E-03	1.46E-03	7.95E-05	0.00E+00	2.61E-06	8.99E-03	0.00E+00	0.00E+00	8.99E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
319	CARTGRID	1	374500	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-03	1.48E-03	2.29E-06	3.56E-05	1.03E-06	1.30E-03	2.83E-03	1.30E-03	2.39E-05	0.00E+00	7.78E-07	2.80E-03	0.00E+00	0.00E+00	2.83E-03
320	CARTGRID	1	374600	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.30E-03	2.02E-06	3.12E-05	6.28E-07	1.15E-03	2.19E-03	1.15E-03	1.25E-05	0.00E+00	4.03E-07	1.51E-03	0.00E+00	0.00E+00	2.19E-03
321	CARTGRID	1	374700	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.81E-04	1.11E-03	1.73E-06	2.65E-05	4.39E-07	9.82E-04	1.75E-03	9.81E-04	7.63E-06	0.00E+00	2.47E-07	9.61E-04	0.00E+00	0.00E+00	1.75E-03
322	CARTGRID	1	374800	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.32E-04	1.06E-03	1.64E-06	2.52E-05	3.68E-07	9.33E-04	1.60E-03	9.32E-04	5.78E-06	0.00E+00	1.86E-07	7.51E-04	0.00E+00	0.00E+00	1.60E-03
323	CARTGRID	1	374900	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.72E-04	9.88E-04	1.54E-06	2.35E-05	3.20E-07	8.73E-04	1.47E-03	8.72E-04	4.67E-06	0.00E+00	1.49E-07	6.19E-04	0.00E+00	0.00E+00	1.47E-03
324	CARTGRID	1	375000	3762200	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.27E-04	9.37E-04	1.46E-06	2.23E-05	2.91E-07	8.28E-04	1.38E-03	8.27E-04	4.05E-06	0.00E+00	1.29E-07	5.44E-04	0.00E+00	0.00E+00	1.38E-03
325	CARTGRID	1	371500	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.85E-03	2.87E-06	4.40E-05	5.41E-07	1.63E-03	2.75E-03	1.63E-03	6.98E-06	0.00E+00	2.21E-07	9.69E-04	0.00E+00	0.00E+00	2.75E-03
326	CARTGRID	1	371600	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.73E-03	1.96E-03	3.04E-06	4.65E-05	5.70E-07	1.73E-03	2.91E-03	1.73E-03	7.33E-06	0.00E+00	2.32E-07	1.02E-03	0.00E+00	0.00E+00	2.91E-03
327	CARTGRID	1	371700	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-03	2.07E-03	3.23E-06	4.93E-05	6.04E-07	1.83E-03	3.08E-03	1.83E-03	7.79E-06	0.00E+00	2.45E-07	1.09E-03	0.00E+00	0.00E+00	3.08E-03
328	CARTGRID	1	371800	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-03	2.19E-03	3.41E-06	5.21E-05	6.38E-07	1.94E-03	3.24E-03	1.93E-03	8.27E-06	0.00E+00	2.59E-07	1.16E-03	0.00E+00	0.00E+00	3.24E-03
329	CARTGRID	1	371900	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.06E-03	2.34E-03	3.64E-06	5.56E-05	6.85E-07	2.07E-03	3.47E-03	2.06E-03	9.03E-06	0.00E+00	2.80E-07	1.26E-03	0.00E+00	0.00E+00	3.47E-03
330	CARTGRID	1	372000	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.14E-03	2.42E-03	3.76E-06	5.75E-05	7.08E-07	2.14E-03	3.58E-03	2.13E-03	9.34E-06	0.00E+00	2.89E-07	1.31E-03	0.00E+00	0.00E+00	3.58E-03
331	CARTGRID	1	372100	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.26E-03	2.56E-03	3.99E-06	6.10E-05	7.55E-07	2.27E-03	3.80E-03	2.26E-03	1.02E-05	0.00E+00	3.11E-07	1.43E-03	0.00E+00	0.00E+00	3.80E-03
332	CARTGRID	1	372200	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.34E-03	2.65E-03	4.12E-06	6.31E-05	7.85E-07	2.34E-03	3.93E-03	2.34E-03	1.07E-05	0.00E+00	3.26E-07	1.52E-03	0.00E+00	0.00E+00	3.93E-03
333	CARTGRID	1	372300	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.39E-03	2.70E-03	4.20E-06	6.43E-05	8.07E-07	2.39E-03	4.01E-03	2.39E-03	1.13E-05	0.00E+00	3.39E-07	1.60E-03	0.00E+00	0.00E+00	4.01E-03
334	CARTGRID	1	372400	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.70E-03	4.19E-06	6.42E-05	8.11E-07	2.38E-03	4.01E-03	2.38E-03	1.16E-05	0.00E+00	3.44E-07	1.65E-03	0.00E+00	0.00E+00	4.01E-03
335	CARTGRID	1	372500	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.46E-03	2.78E-03	4.33E-06	6.62E-05	8.48E-07	2.46E-03	4.15E-03	2.46E-03	1.25E-05	0.00E+00	3.66E-07	1.79E-03	0.00E+00	0.00E+00	4.15E-03
336	CARTGRID	1	372600	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.47E-03	2.80E-03	4.35E-06	6.66E-05	8.58E-07	2.47E-03	4.19E-03	2.47E-03	1.30E-05	0.00E+00	3.73E-07	1.87E-03	0.00E+00	0.00E+00	4.19E-03
337	CARTGRID	1	372700	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.70E-03	3.06E-03	4.76E-06	7.28E-05	9.42E-07	2.71E-03	4.59E-03	2.70E-03	1.46E-05	0.00E+00	4.11E-07	2.13E-03	0.00E+00	0.00E+00	4.59E-03
338	CARTGRID	1	372800	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.85E-03	3.23E-03	5.02E-06	7.68E-05	9.89E-07	2.85E-03	4.84E-03	2.85E-03	1.56E-05	0.00E+00	4.30E-07	2.29E-03	0.00E+00	0.00E+00	4.84E-03
339	CARTGRID	1	372900	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.97E-03	3.37E-03	5.23E-06	8.01E-05	1.02E-06	2.97E-03	5.05E-03	2.97E-03	1.63E-05	0.00E+00	4.41E-07	2.41E-03	0.00E+00	0.00E+00	5.05E-03
340	CARTGRID	1	373000	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.14E-03	3.55E-03	5.52E-06	8.45E-05	1.07E-06	3.14E-03	5.32E-03	3.14E-03	1.70E-05	0.00E+00	4.57E-07	2.52E-03	0.00E+00	0.00E+00	5.32E-03
341	CARTGRID	1	373100	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.31E-03	3.75E-03	5.83E-06	8.92E-05	1.12E-06	3.31E-03	5.61E-03	3.31E-03	1.73E-05	0.00E+00	4.71E-07	2.55E-03	0.00E+00	0.00E+00	5.61E-03
342	CARTGRID	1	373200	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.40E-03	3.85E-03	5.99E-06	9.17E-05	1.16E-06	3.41E-03	5.79E-03	3.40E-03	1.81E-05	0.00E+00	4.95E-07	2.66E-03	0.00E+00	0.00E+00	5.79E-03
343	CARTGRID	1	373300	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.44E-03	3.90E-03	6.06E-06	9.27E-05	1.20E-06	3.44E-03	5.90E-03	3.44E-03	1.91E-05	0.00E+00	5.26E-07	2.76E-03	0.00E+00	0.00E+00	5.90E-03
344	CARTGRID	1	373400	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.39E-03	3.85E-03	5.98E-06	9.15E-05	1.23E-06	3.40E-03	5.90E-03	3.39E-03	2.04E-05	0.00E+00	5.69E-07	2.90E-03	0.00E+00	0.00E+00	5.90E-03
345	CARTGRID	1	373500	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.14E-03	3.56E-03	5.54E-06	8.48E-05	1.24E-06	3.15E-03	5.63E-03	3.14E-03	2.47E-05	0.00E+00	6.29E-07	3.69E-03	0.00E+00	0.00E+00	5.63E-03
346	CARTGRID	1	373600	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.70E-03	3.07E-03	4.76E-06	7.31E-05	1.18E-06	2.71E-03	5.02E-03	2.70E-03	2.80E-05	0.00E+00	6.49E-07	4.39E-03	0.00E+00	0.00E+00	5.02E-03
347	CARTGRID	1	373700	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.71E-03	4.19E-06	6.45E-05	1.19E-06	2.38E-03	4.67E-03	2.38E-03	4.56E-05	0.00E+00	7.23E-07	8.30E-03	0.00E+00	0.00E+00	8.30E-03
348	CARTGRID	1	373800	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.52E-03	2.86E-03	4.44E-06	6.86E-05	1.56E-06	2.52E-03	5.44E-03	2.52E-03	3.91E-05	0.00E+00	1.06E-06	5.41E-03	0.00E+00	0.00E+00	5.44E-03
349	CARTGRID	1	373900	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.44E-03	2.77E-03	4.29E-06	6.65E-05	1.68E-06	2.44E-03	5.24E-03	2.44E-03	3.99E-05	0.00E+00	1.20E-06	5.05E-03	0.00E+00	0.00E+00	5.24E-03
350	CARTGRID	1	374000	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.36E-03	2.70E-03	4.16E-06	6.59E-05	3.06E-06	2.37E-03	5.58E-03	2.36E-03	7.99E-05	0.00E+00	2.60E-06	9.19E-03	0.00E+00	0.00E+00	9.19E-03
351	CARTGRID	1	374100	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.35E-03	2.68E-03	4.13E-06	6.59E-05	3.48E-06	2.35E-03	6.01E-03	2.35E-03	9.24E-05	0.00E+00	3.02E-06	1.05E-02	0.00E+00	0.00E+00	1.05E-02
352	CARTGRID	1	374200	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.00E-03	2.28E-03	3.51E-06	5.63E-05	3.27E-06	2.00E-03	6.82E-03	2.00E-03	8.83E-05	0.00E+00	2.88E-06	1.01E-02	0.00E+00	0.00E+00	1.01E-02
353	CARTGRID	1	374300	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.81E-03	2.11E-03	3.18E-06	5.65E-05	8.43E-06	1.82E-03	8.81E-03	1.81E-03	2.45E-04	0.00E+00	8.08E-06	2.73E-02	0.00E+00	0.00E+00	2.73E-02
354	CARTGRID	1	374400	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.59E-03	1.86E-03	2.80E-06	4.88E-05	6.47E-06	1.60E-03	6.77E-03	1.59E-03	1.87E-04	0.00E+00	6.16E-06	2.08E-02	0.00E+00	0.00E+00	2.08E-02
355	CARTGRID	1	374500	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-03	1.54E-03	2.39E-06	3.73E-05	1.21E-06	1.36E-03	2.96E-03	1.36E-03	2.90E-05	0.00E+00	9.47E-07	3.36E-03	0.00E+00	0.00E+00	3.36E-03
356	CARTGRID	1	374600	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.08E-03	1.22E-03	1.90E-06	2.93E-05	6.82E-07	1.08E-03	2.13E-03	1.08E-03	1.45E-05	0.00E+00	4.72E-07	1.72E-03	0.00E+00	0.00E+00	2.13E-03
357	CARTGRID	1	374700	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-03	1.16E-03	1.80E-06	2.77E-05	5.29E-07	1.02E-03	1.90E-03	1.02E-03	1.02E-05	0.00E+00	3.30E-07	1.24E-03	0.00E+00	0.00E+00	1.90E-03
358	CARTGRID	1	374800	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.10E-04	1.03E-03	1.60E-06	2.46E-05	4.15E-07	9.11E-04	1.63E-03	9.10E-04	7.33E-06	0.00E+00	2.37E-07	9.16E-04	0.00E+00	0.00E+00	1.63E-03
359	CARTGRID	1	374900	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.64E-04	9.79E-04	1.52E-06	2.33E-05	3.57E-07	8.65E-04	1.51E-03	8.64E-04	5.86E-06	0.00E+00	1.88E-07	7.49E-04	0.00E+00	0.00E+00	1.51E-03
360	CARTGRID	1	375000	3762300	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.05E-04	9.12E-04	1.42E-06	2.17E-05	3.15E-07	8.06E-04	1.38E-03	8.05E-04	4.94E-06	0.00E+00	1.58E-07	6.43E-04	0.00E+00	0.00E+00	1.38E-03
361	CARTGRID	1	371500	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-03	1.92E-03	2.98E-06	4.56E-05	5.60E-07	1.69E-03	2.85E-03	1.69E-03	7.22E-06	0.00E+00	2.28E-07	1.00E-03	0.00E+00	0.00E+00	2.85E-03
362	CARTGRID	1	371600	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.80E-03	2.04E-03	3.18E-06	4.86E-05	5.94E-07	1.81E-03	3.04E-03	1.80E-03	7.61E-06	0.00E+00	2.40E-07	1.06E-03	0.00E+00	0.00E+00	3.04E-03
363	CARTGRID	1	371700	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.94E-03	2.20E-03	3.42E-06	5.23E-05	6.38E-07	1.94E-03	3.26E-03	1.94E-03	8.21E-06	0.00E+00	2.58E-07	1.14E-03	0.00E+00	0.00E+00	3.26E-03
364	CARTGRID	1	371800	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.05E-03	2.33E-03	3.62E-06	5.53E-05	6.73E-07	2.06E-03	3.44E-03	2.05E-03	8.63E-06	0.00E+00	2.70E-07	1.20E-03	0.00E+00	0.00E+00	3.44E-03
365	CARTGRID	1	371900	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.20E-03	2.49E-03	3.87E-06	5.92E-05	7.21E-07	2.20E-03	3.68E-03	2.20E-03	9.35E-06	0.00E+00	2.91E-07	1.31E-03	0.00E+00	0.00E+00	3.68E-03
366	CARTGRID	1	372000	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-03	2.63E-03	4.08E-06	6.24E-05	7.61E-07	2.32E-03	3.88E-03	2.32E-03	9.93E-06	0.00E+00	3.07E-07	1.39E-03	0.00E+00	0.00E+00	3.88E-03
367	CARTGRID	1	372100	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.43E-03	2.76E-03	4.29E-06	6.56E-05	8.01E-07	2.44E-03	4.07E-03	2.43E-03	1.05E-05	0.00E+00	3.24E-07	1.48E-03	0.00E+00	0.00E+00	4.07E-03
368	CARTGRID	1	372200	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.60E-03	2.95E-03	4.58E-06	7.01E-05	8.62E-07	2.60E-03	4.36E-03	2.60E-03	1.16E-05	0.00E+00	3.52E-07	1.64E-03	0.00E+00	0.00E+00	4.36E-03
369	CARTGRID	1	372300	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.73E-03	3.09E-03	4.80E-06	7.35E-05	9.10E-07	2.73E-03	4.57E-03	2.73E-03	1.25E-05	0.00E+00	3.76E-07	1.77E-03	0.00E+00	0.00E+00	4.57E-03
370	CARTGRID	1	372400	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.78E-03	3.15E-03	4.89E-06	7.49E-05	9.36E-07	2.78E-03	4.67E-03	2.78E-03	1.32E-05	0.00E+00	3.91E-07	1.87E-03	0.00E+00	0.00E+00	4.67E-03
371	CARTGRID	1	372500	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.90E-03	3.29E-03	5.11E-06	7.82E-05	9.89E-07	2.90E-03	4.89E-03	2.90E-03	1.43E-05	0.00E+00	4.20E-07	2.05E-03	0.00E+00	0.00E+00	4.89E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
372	CARTGRID	1	372600	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.77E-03	3.14E-03	4.88E-06	7.48E-05	9.53E-07	2.78E-03	4.68E-03	2.77E-03	1.41E-05	0.00E+00	4.08E-07	2.03E-03	0.00E+00	0.00E+00	4.68E-03
373	CARTGRID	1	372700	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.11E-03	3.52E-03	5.47E-06	8.38E-05	1.07E-06	3.11E-03	5.26E-03	3.11E-03	1.63E-05	0.00E+00	4.62E-07	2.36E-03	0.00E+00	0.00E+00	5.26E-03
374	CARTGRID	1	372800	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.27E-03	3.71E-03	5.76E-06	8.82E-05	1.12E-06	3.28E-03	5.54E-03	3.27E-03	1.72E-05	0.00E+00	4.81E-07	2.51E-03	0.00E+00	0.00E+00	5.54E-03
375	CARTGRID	1	372900	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.44E-03	3.89E-03	6.05E-06	9.26E-05	1.17E-06	3.44E-03	5.81E-03	3.44E-03	1.79E-05	0.00E+00	4.93E-07	2.63E-03	0.00E+00	0.00E+00	5.81E-03
376	CARTGRID	1	373000	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.63E-03	4.11E-03	6.39E-06	9.77E-05	1.22E-06	3.63E-03	6.12E-03	3.63E-03	1.85E-05	0.00E+00	5.04E-07	2.74E-03	0.00E+00	0.00E+00	6.12E-03
377	CARTGRID	1	373100	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.82E-03	4.32E-03	6.72E-06	1.03E-04	1.25E-06	3.82E-03	6.41E-03	3.82E-03	1.84E-05	0.00E+00	5.06E-07	2.70E-03	0.00E+00	0.00E+00	6.41E-03
378	CARTGRID	1	373200	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.97E-03	4.49E-03	6.99E-06	1.07E-04	1.30E-06	3.97E-03	6.67E-03	3.97E-03	1.88E-05	0.00E+00	5.20E-07	2.75E-03	0.00E+00	0.00E+00	6.67E-03
379	CARTGRID	1	373300	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.06E-03	4.59E-03	7.14E-06	1.09E-04	1.35E-06	4.06E-03	6.87E-03	4.06E-03	1.98E-05	0.00E+00	5.55E-07	2.86E-03	0.00E+00	0.00E+00	6.87E-03
380	CARTGRID	1	373400	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.04E-03	4.58E-03	7.12E-06	1.09E-04	1.40E-06	4.05E-03	6.93E-03	4.04E-03	2.11E-05	0.00E+00	6.06E-07	2.98E-03	0.00E+00	0.00E+00	6.93E-03
381	CARTGRID	1	373500	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.96E-03	4.48E-03	6.97E-06	1.07E-04	1.50E-06	3.96E-03	7.01E-03	3.96E-03	2.56E-05	0.00E+00	7.30E-07	3.55E-03	0.00E+00	0.00E+00	7.01E-03
382	CARTGRID	1	373600	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.35E-03	3.80E-03	5.90E-06	9.06E-05	1.45E-06	3.35E-03	6.25E-03	3.35E-03	2.82E-05	0.00E+00	7.97E-07	3.87E-03	0.00E+00	0.00E+00	6.25E-03
383	CARTGRID	1	373700	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.05E-03	3.46E-03	5.37E-06	8.25E-05	1.46E-06	3.05E-03	5.91E-03	3.05E-03	3.22E-05	0.00E+00	8.60E-07	4.58E-03	0.00E+00	0.00E+00	5.91E-03
384	CARTGRID	1	373800	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.08E-03	3.50E-03	5.43E-06	8.39E-05	1.92E-06	3.09E-03	6.61E-03	3.08E-03	4.51E-05	0.00E+00	1.32E-06	5.89E-03	0.00E+00	0.00E+00	6.61E-03
385	CARTGRID	1	373900	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.94E-03	3.35E-03	5.18E-06	8.09E-05	2.62E-06	2.95E-03	7.39E-03	2.94E-03	6.63E-05	0.00E+00	2.05E-06	8.09E-03	0.00E+00	0.00E+00	8.09E-03
386	CARTGRID	1	374000	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.82E-03	3.20E-03	4.96E-06	7.73E-05	2.41E-06	2.82E-03	6.62E-03	2.82E-03	5.86E-05	0.00E+00	1.86E-06	6.99E-03	0.00E+00	0.00E+00	6.99E-03
387	CARTGRID	1	374100	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.67E-03	3.06E-03	4.71E-06	7.53E-05	4.16E-06	2.68E-03	9.04E-03	2.67E-03	1.12E-04	0.00E+00	3.64E-06	1.29E-02	0.00E+00	0.00E+00	1.29E-02
388	CARTGRID	1	374200	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-03	2.61E-03	4.01E-06	6.48E-05	4.25E-06	2.28E-03	8.04E-03	2.28E-03	1.17E-04	0.00E+00	3.80E-06	1.33E-02	0.00E+00	0.00E+00	1.33E-02
389	CARTGRID	1	374300	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.97E-03	2.27E-03	3.47E-06	5.78E-05	5.43E-06	1.98E-03	8.93E-03	1.97E-03	1.54E-04	0.00E+00	5.05E-06	1.73E-02	0.00E+00	0.00E+00	1.73E-02
390	CARTGRID	1	374400	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.74E-03	2.01E-03	3.07E-06	5.10E-05	4.60E-06	1.75E-03	6.01E-03	1.74E-03	1.29E-04	0.00E+00	4.26E-06	1.45E-02	0.00E+00	0.00E+00	1.45E-02
391	CARTGRID	1	374500	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.37E-03	1.57E-03	2.42E-06	3.81E-05	1.59E-06	1.38E-03	3.16E-03	1.37E-03	4.04E-05	0.00E+00	1.32E-06	4.62E-03	0.00E+00	0.00E+00	4.62E-03
392	CARTGRID	1	374600	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-03	1.16E-03	1.80E-06	2.80E-05	8.41E-07	1.02E-03	2.14E-03	1.02E-03	1.96E-05	0.00E+00	6.41E-07	2.29E-03	0.00E+00	0.00E+00	2.29E-03
393	CARTGRID	1	374700	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.68E-04	1.10E-03	1.70E-06	2.63E-05	6.08E-07	9.69E-04	1.88E-03	9.67E-04	1.29E-05	0.00E+00	4.19E-07	1.54E-03	0.00E+00	0.00E+00	1.88E-03
394	CARTGRID	1	374800	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.89E-04	1.01E-03	1.56E-06	2.41E-05	4.75E-07	8.90E-04	1.66E-03	8.89E-04	9.30E-06	0.00E+00	3.01E-07	1.13E-03	0.00E+00	0.00E+00	1.66E-03
395	CARTGRID	1	374900	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.26E-04	9.36E-04	1.45E-06	2.24E-05	3.98E-07	8.27E-04	1.50E-03	8.26E-04	7.35E-06	0.00E+00	2.37E-07	9.12E-04	0.00E+00	0.00E+00	1.50E-03
396	CARTGRID	1	375000	3762400	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.95E-04	9.02E-04	1.40E-06	2.15E-05	3.65E-07	7.96E-04	1.43E-03	7.95E-04	6.54E-06	0.00E+00	2.09E-07	8.23E-04	0.00E+00	0.00E+00	1.43E-03
397	CARTGRID	1	371500	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-03	1.98E-03	3.07E-06	4.70E-05	5.78E-07	1.75E-03	2.95E-03	1.75E-03	7.46E-06	0.00E+00	2.36E-07	1.03E-03	0.00E+00	0.00E+00	2.95E-03
398	CARTGRID	1	371600	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.87E-03	2.12E-03	3.30E-06	5.05E-05	6.15E-07	1.88E-03	3.16E-03	1.87E-03	7.87E-06	0.00E+00	2.48E-07	1.09E-03	0.00E+00	0.00E+00	3.16E-03
399	CARTGRID	1	371700	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-03	2.28E-03	3.55E-06	5.42E-05	6.58E-07	2.02E-03	3.38E-03	2.01E-03	8.36E-06	0.00E+00	2.63E-07	1.16E-03	0.00E+00	0.00E+00	3.38E-03
400	CARTGRID	1	371800	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.21E-03	2.51E-03	3.90E-06	5.96E-05	7.25E-07	2.21E-03	3.72E-03	2.21E-03	9.35E-06	0.00E+00	2.92E-07	1.30E-03	0.00E+00	0.00E+00	3.72E-03
401	CARTGRID	1	371900	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.36E-03	2.68E-03	4.16E-06	6.36E-05	7.71E-07	2.37E-03	3.96E-03	2.36E-03	9.92E-06	0.00E+00	3.08E-07	1.39E-03	0.00E+00	0.00E+00	3.96E-03
402	CARTGRID	1	372000	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.54E-03	2.87E-03	4.47E-06	6.83E-05	8.28E-07	2.54E-03	4.25E-03	2.54E-03	1.07E-05	0.00E+00	3.31E-07	1.50E-03	0.00E+00	0.00E+00	4.25E-03
403	CARTGRID	1	372100	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.64E-03	2.99E-03	4.64E-06	7.10E-05	8.56E-07	2.64E-03	4.40E-03	2.64E-03	1.10E-05	0.00E+00	3.39E-07	1.55E-03	0.00E+00	0.00E+00	4.40E-03
404	CARTGRID	1	372200	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.83E-03	3.20E-03	4.98E-06	7.62E-05	9.23E-07	2.83E-03	4.72E-03	2.83E-03	1.21E-05	0.00E+00	3.69E-07	1.71E-03	0.00E+00	0.00E+00	4.72E-03
405	CARTGRID	1	372300	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.08E-03	3.48E-03	5.42E-06	8.29E-05	1.01E-06	3.08E-03	5.14E-03	3.08E-03	1.36E-05	0.00E+00	4.08E-07	1.92E-03	0.00E+00	0.00E+00	5.14E-03
406	CARTGRID	1	372400	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.23E-03	3.66E-03	5.69E-06	8.70E-05	1.07E-06	3.23E-03	5.40E-03	3.23E-03	1.46E-05	0.00E+00	4.36E-07	2.08E-03	0.00E+00	0.00E+00	5.40E-03
407	CARTGRID	1	372500	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.24E-03	3.67E-03	5.70E-06	8.72E-05	1.08E-06	3.24E-03	5.43E-03	3.24E-03	1.52E-05	0.00E+00	4.49E-07	2.18E-03	0.00E+00	0.00E+00	5.43E-03
408	CARTGRID	1	372600	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.21E-03	3.63E-03	5.65E-06	8.64E-05	1.09E-06	3.21E-03	5.39E-03	3.21E-03	1.57E-05	0.00E+00	4.58E-07	2.26E-03	0.00E+00	0.00E+00	5.39E-03
409	CARTGRID	1	372700	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.42E-03	3.88E-03	6.03E-06	9.23E-05	1.17E-06	3.43E-03	5.77E-03	3.42E-03	1.74E-05	0.00E+00	4.98E-07	2.52E-03	0.00E+00	0.00E+00	5.77E-03
410	CARTGRID	1	372800	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.73E-03	4.23E-03	6.57E-06	1.01E-04	1.27E-06	3.74E-03	6.28E-03	3.73E-03	1.87E-05	0.00E+00	5.35E-07	2.71E-03	0.00E+00	0.00E+00	6.28E-03
411	CARTGRID	1	372900	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.93E-03	4.45E-03	6.91E-06	1.06E-04	1.32E-06	3.93E-03	6.61E-03	3.93E-03	1.93E-05	0.00E+00	5.46E-07	2.81E-03	0.00E+00	0.00E+00	6.61E-03
412	CARTGRID	1	373000	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.17E-03	4.72E-03	7.34E-06	1.12E-04	1.37E-06	4.17E-03	6.99E-03	4.17E-03	2.00E-05	0.00E+00	5.54E-07	2.93E-03	0.00E+00	0.00E+00	6.99E-03
413	CARTGRID	1	373100	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.38E-03	4.96E-03	7.71E-06	1.18E-04	1.40E-06	4.38E-03	7.30E-03	4.38E-03	1.95E-05	0.00E+00	5.42E-07	2.87E-03	0.00E+00	0.00E+00	7.30E-03
414	CARTGRID	1	373200	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.52E-03	5.12E-03	7.96E-06	1.22E-04	1.42E-06	4.52E-03	7.52E-03	4.52E-03	1.93E-05	0.00E+00	5.38E-07	2.83E-03	0.00E+00	0.00E+00	7.52E-03
415	CARTGRID	1	373300	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.66E-03	5.28E-03	8.21E-06	1.25E-04	1.48E-06	4.66E-03	7.78E-03	4.66E-03	2.02E-05	0.00E+00	5.68E-07	2.94E-03	0.00E+00	0.00E+00	7.78E-03
416	CARTGRID	1	373400	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.72E-03	5.35E-03	8.32E-06	1.27E-04	1.55E-06	4.73E-03	7.98E-03	4.72E-03	2.20E-05	0.00E+00	6.29E-07	3.13E-03	0.00E+00	0.00E+00	7.98E-03
417	CARTGRID	1	373500	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.94E-03	5.60E-03	8.71E-06	1.33E-04	1.79E-06	4.95E-03	8.62E-03	4.94E-03	2.83E-05	0.00E+00	8.18E-07	3.91E-03	0.00E+00	0.00E+00	8.62E-03
418	CARTGRID	1	373600	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.24E-03	4.81E-03	7.48E-06	1.15E-04	2.01E-06	4.25E-03	8.21E-03	4.24E-03	3.92E-05	0.00E+00	1.18E-06	5.09E-03	0.00E+00	0.00E+00	8.21E-03
419	CARTGRID	1	373700	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.12E-03	4.67E-03	7.25E-06	1.12E-04	2.33E-06	4.12E-03	8.82E-03	4.12E-03	5.01E-05	0.00E+00	1.53E-06	6.33E-03	0.00E+00	0.00E+00	8.82E-03
420	CARTGRID	1	373800	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.98E-03	4.52E-03	7.01E-06	1.09E-04	2.86E-06	3.99E-03	9.91E-03	3.98E-03	6.56E-05	0.00E+00	2.08E-06	7.87E-03	0.00E+00	0.00E+00	9.91E-03
421	CARTGRID	1	373900	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.52E-03	4.00E-03	6.20E-06	9.62E-05	2.61E-06	3.52E-03	1.01E-02	3.52E-03	6.07E-05	0.00E+00	1.92E-06	7.29E-03	0.00E+00	0.00E+00	1.01E-02
422	CARTGRID	1	374000	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.55E-03	4.03E-03	6.24E-06	9.73E-05	2.97E-06	3.55E-03	9.81E-03	3.55E-03	7.15E-05	0.00E+00	2.28E-06	8.47E-03	0.00E+00	0.00E+00	9.81E-03
423	CARTGRID	1	374100	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.02E-03	3.44E-03	5.32E-06	8.32E-05	2.94E-06	3.02E-03	9.06E-03	3.02E-03	7.40E-05	0.00E+00	2.35E-06	8.78E-03	0.00E+00	0.00E+00	9.06E-03
424	CARTGRID	1	374200	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.65E-03	3.03E-03	4.67E-06	7.48E-05	4.35E-06	2.66E-03	9.61E-03	2.65E-03	1.18E-04	0.00E+00	3.83E-06	1.35E-02	0.00E+00	0.00E+00	1.35E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
425	CARTGRID	1	374300	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-03	2.54E-03	3.91E-06	6.30E-05	3.98E-06	2.22E-03	7.46E-03	2.22E-03	1.08E-04	0.00E+00	3.55E-06	1.23E-02	0.00E+00	0.00E+00	1.23E-02
426	CARTGRID	1	374400	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.84E-03	2.10E-03	3.24E-06	5.16E-05	2.71E-06	1.84E-03	4.74E-03	1.84E-03	7.19E-05	0.00E+00	2.35E-06	8.19E-03	0.00E+00	0.00E+00	8.19E-03
427	CARTGRID	1	374500	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.51E-03	2.33E-06	3.67E-05	1.46E-06	1.33E-03	3.08E-03	1.33E-03	3.69E-05	0.00E+00	1.20E-06	4.24E-03	0.00E+00	0.00E+00	4.24E-03
428	CARTGRID	1	374600	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.04E-03	1.19E-03	1.83E-06	2.87E-05	9.70E-07	1.04E-03	2.26E-03	1.04E-03	2.35E-05	0.00E+00	7.66E-07	2.73E-03	0.00E+00	0.00E+00	2.73E-03
429	CARTGRID	1	374700	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.23E-04	1.05E-03	1.62E-06	2.52E-05	6.94E-07	9.24E-04	1.88E-03	9.23E-04	1.58E-05	0.00E+00	5.14E-07	1.86E-03	0.00E+00	0.00E+00	1.88E-03
430	CARTGRID	1	374800	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.17E-04	9.28E-04	1.44E-06	2.23E-05	5.32E-07	8.18E-04	1.61E-03	8.17E-04	1.15E-05	0.00E+00	3.72E-07	1.37E-03	0.00E+00	0.00E+00	1.61E-03
431	CARTGRID	1	374900	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.49E-04	8.50E-04	1.32E-06	2.04E-05	4.37E-07	7.50E-04	1.44E-03	7.49E-04	9.01E-06	0.00E+00	2.91E-07	1.09E-03	0.00E+00	0.00E+00	1.44E-03
432	CARTGRID	1	375000	3762500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.44E-04	8.44E-04	1.31E-06	2.02E-05	4.02E-07	7.45E-04	1.40E-03	7.44E-04	8.00E-06	0.00E+00	2.56E-07	9.83E-04	0.00E+00	0.00E+00	1.40E-03
433	CARTGRID	1	371500	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.80E-03	2.04E-03	3.17E-06	4.85E-05	5.96E-07	1.80E-03	3.05E-03	1.80E-03	7.70E-06	0.00E+00	2.43E-07	1.06E-03	0.00E+00	0.00E+00	3.05E-03
434	CARTGRID	1	371600	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.94E-03	2.20E-03	3.42E-06	5.22E-05	6.37E-07	1.94E-03	3.27E-03	1.94E-03	8.16E-06	0.00E+00	2.57E-07	1.13E-03	0.00E+00	0.00E+00	3.27E-03
435	CARTGRID	1	371700	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.10E-03	2.37E-03	3.69E-06	5.65E-05	6.84E-07	2.10E-03	3.53E-03	2.10E-03	8.67E-06	0.00E+00	2.73E-07	1.20E-03	0.00E+00	0.00E+00	3.53E-03
436	CARTGRID	1	371800	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-03	2.58E-03	4.02E-06	6.14E-05	7.40E-07	2.28E-03	3.83E-03	2.28E-03	9.37E-06	0.00E+00	2.94E-07	1.30E-03	0.00E+00	0.00E+00	3.83E-03
437	CARTGRID	1	371900	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.54E-03	2.88E-03	4.48E-06	6.85E-05	8.28E-07	2.55E-03	4.27E-03	2.54E-03	1.06E-05	0.00E+00	3.30E-07	1.48E-03	0.00E+00	0.00E+00	4.27E-03
438	CARTGRID	1	372000	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.75E-03	3.12E-03	4.85E-06	7.41E-05	8.92E-07	2.76E-03	4.61E-03	2.75E-03	1.14E-05	0.00E+00	3.53E-07	1.60E-03	0.00E+00	0.00E+00	4.61E-03
439	CARTGRID	1	372100	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.93E-03	3.32E-03	5.17E-06	7.90E-05	9.46E-07	2.94E-03	4.90E-03	2.93E-03	1.21E-05	0.00E+00	3.71E-07	1.69E-03	0.00E+00	0.00E+00	4.90E-03
440	CARTGRID	1	372200	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.08E-03	3.48E-03	5.42E-06	8.28E-05	9.87E-07	3.08E-03	5.12E-03	3.08E-03	1.25E-05	0.00E+00	3.84E-07	1.77E-03	0.00E+00	0.00E+00	5.12E-03
441	CARTGRID	1	372300	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.38E-03	3.83E-03	5.96E-06	9.11E-05	1.09E-06	3.39E-03	5.63E-03	3.38E-03	1.42E-05	0.00E+00	4.30E-07	2.01E-03	0.00E+00	0.00E+00	5.63E-03
442	CARTGRID	1	372400	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.72E-03	4.22E-03	6.56E-06	1.00E-04	1.21E-06	3.73E-03	6.19E-03	3.72E-03	1.60E-05	0.00E+00	4.79E-07	2.27E-03	0.00E+00	0.00E+00	6.19E-03
443	CARTGRID	1	372500	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.86E-03	4.37E-03	6.79E-06	1.04E-04	1.26E-06	3.86E-03	6.43E-03	3.86E-03	1.71E-05	0.00E+00	5.08E-07	2.43E-03	0.00E+00	0.00E+00	6.43E-03
444	CARTGRID	1	372600	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.98E-03	4.51E-03	7.01E-06	1.07E-04	1.32E-06	3.98E-03	6.65E-03	3.98E-03	1.84E-05	0.00E+00	5.41E-07	2.62E-03	0.00E+00	0.00E+00	6.65E-03
445	CARTGRID	1	372700	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.80E-03	4.30E-03	6.69E-06	1.02E-04	1.28E-06	3.80E-03	6.38E-03	3.80E-03	1.86E-05	0.00E+00	5.34E-07	2.67E-03	0.00E+00	0.00E+00	6.38E-03
446	CARTGRID	1	372800	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.03E-03	4.56E-03	7.08E-06	1.08E-04	1.36E-06	4.03E-03	6.77E-03	4.02E-03	2.02E-05	0.00E+00	5.70E-07	2.94E-03	0.00E+00	0.00E+00	6.77E-03
447	CARTGRID	1	372900	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.47E-03	5.06E-03	7.87E-06	1.20E-04	1.49E-06	4.48E-03	7.49E-03	4.47E-03	2.16E-05	0.00E+00	6.12E-07	3.13E-03	0.00E+00	0.00E+00	7.49E-03
448	CARTGRID	1	373000	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.73E-03	5.36E-03	8.33E-06	1.27E-04	1.53E-06	4.74E-03	7.88E-03	4.73E-03	2.10E-05	0.00E+00	5.98E-07	3.06E-03	0.00E+00	0.00E+00	7.88E-03
449	CARTGRID	1	373100	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.99E-03	5.65E-03	8.78E-06	1.34E-04	1.57E-06	4.99E-03	8.27E-03	4.99E-03	2.09E-05	0.00E+00	5.88E-07	3.07E-03	0.00E+00	0.00E+00	8.27E-03
450	CARTGRID	1	373200	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.13E-03	5.81E-03	9.03E-06	1.38E-04	1.58E-06	5.13E-03	8.47E-03	5.13E-03	2.05E-05	0.00E+00	5.72E-07	3.03E-03	0.00E+00	0.00E+00	8.47E-03
451	CARTGRID	1	373300	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.22E-03	5.91E-03	9.19E-06	1.40E-04	1.61E-06	5.22E-03	8.63E-03	5.22E-03	2.09E-05	0.00E+00	5.84E-07	3.09E-03	0.00E+00	0.00E+00	8.63E-03
452	CARTGRID	1	373400	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.46E-03	6.18E-03	9.62E-06	1.47E-04	1.72E-06	5.47E-03	9.11E-03	5.46E-03	2.32E-05	0.00E+00	6.54E-07	3.37E-03	0.00E+00	0.00E+00	9.11E-03
453	CARTGRID	1	373500	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.01E-03	6.81E-03	1.06E-05	1.62E-04	2.13E-06	6.01E-03	1.04E-02	6.01E-03	3.46E-05	0.00E+00	9.56E-07	4.95E-03	0.00E+00	0.00E+00	1.04E-02
454	CARTGRID	1	373600	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.64E-03	6.40E-03	9.94E-06	1.53E-04	2.73E-06	5.65E-03	1.06E-02	5.64E-03	5.37E-05	0.00E+00	1.62E-06	6.91E-03	0.00E+00	0.00E+00	1.06E-02
455	CARTGRID	1	373700	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.34E-03	7.19E-03	1.12E-05	1.72E-04	3.69E-06	6.35E-03	1.36E-02	6.34E-03	7.81E-05	0.00E+00	2.45E-06	9.53E-03	0.00E+00	0.00E+00	1.36E-02
456	CARTGRID	1	373800	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.80E-03	6.58E-03	1.02E-05	1.57E-04	2.81E-06	5.81E-03	1.23E-02	5.80E-03	5.29E-05	0.00E+00	1.67E-06	6.53E-03	0.00E+00	0.00E+00	1.23E-02
457	CARTGRID	1	373900	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.88E-03	5.55E-03	8.60E-06	1.34E-04	3.75E-06	4.89E-03	1.26E-02	4.88E-03	8.67E-05	0.00E+00	2.80E-06	1.02E-02	0.00E+00	0.00E+00	1.26E-02
458	CARTGRID	1	374000	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.89E-03	5.55E-03	8.60E-06	1.34E-04	3.77E-06	4.89E-03	1.10E-02	4.88E-03	8.75E-05	0.00E+00	2.81E-06	1.03E-02	0.00E+00	0.00E+00	1.10E-02
459	CARTGRID	1	374100	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.59E-03	4.08E-03	6.33E-06	9.81E-05	2.55E-06	3.60E-03	8.42E-03	3.59E-03	5.86E-05	0.00E+00	1.84E-06	7.08E-03	0.00E+00	0.00E+00	8.42E-03
460	CARTGRID	1	374200	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.08E-03	3.50E-03	5.42E-06	8.47E-05	2.80E-06	3.08E-03	8.09E-03	3.08E-03	6.83E-05	0.00E+00	2.20E-06	8.03E-03	0.00E+00	0.00E+00	8.09E-03
461	CARTGRID	1	374300	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.47E-03	2.82E-03	4.35E-06	6.84E-05	2.74E-06	2.48E-03	7.13E-03	2.47E-03	6.97E-05	0.00E+00	2.26E-06	8.05E-03	0.00E+00	0.00E+00	8.05E-03
462	CARTGRID	1	374400	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-03	2.02E-03	3.13E-06	4.89E-05	1.71E-06	1.78E-03	4.02E-03	1.77E-03	4.20E-05	0.00E+00	1.36E-06	4.89E-03	0.00E+00	0.00E+00	4.89E-03
463	CARTGRID	1	374500	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.52E-03	2.35E-06	3.66E-05	1.17E-06	1.33E-03	2.90E-03	1.33E-03	2.81E-05	0.00E+00	9.11E-07	3.29E-03	0.00E+00	0.00E+00	3.29E-03
464	CARTGRID	1	374600	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-03	1.28E-03	1.98E-06	3.08E-05	8.97E-07	1.13E-03	2.38E-03	1.13E-03	2.09E-05	0.00E+00	6.77E-07	2.47E-03	0.00E+00	0.00E+00	2.47E-03
465	CARTGRID	1	374700	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.84E-04	1.00E-03	1.56E-06	2.42E-05	6.96E-07	8.85E-04	1.85E-03	8.84E-04	1.62E-05	0.00E+00	5.23E-07	1.91E-03	0.00E+00	0.00E+00	1.91E-03
466	CARTGRID	1	374800	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.63E-04	8.67E-04	1.34E-06	2.09E-05	5.66E-07	7.64E-04	1.57E-03	7.63E-04	1.29E-05	0.00E+00	4.17E-07	1.53E-03	0.00E+00	0.00E+00	1.57E-03
467	CARTGRID	1	374900	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.19E-04	8.16E-04	1.27E-06	1.96E-05	4.85E-07	7.20E-04	1.44E-03	7.18E-04	1.07E-05	0.00E+00	3.44E-07	1.28E-03	0.00E+00	0.00E+00	1.44E-03
468	CARTGRID	1	375000	3762600	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.02E-04	7.97E-04	1.24E-06	1.91E-05	4.31E-07	7.03E-04	1.37E-03	7.02E-04	9.13E-06	0.00E+00	2.93E-07	1.11E-03	0.00E+00	0.00E+00	1.37E-03
469	CARTGRID	1	371500	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.86E-03	2.10E-03	3.27E-06	5.01E-05	6.15E-07	1.86E-03	3.15E-03	1.86E-03	7.95E-06	0.00E+00	2.51E-07	1.10E-03	0.00E+00	0.00E+00	3.15E-03
470	CARTGRID	1	371600	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-03	2.28E-03	3.54E-06	5.41E-05	6.60E-07	2.01E-03	3.40E-03	2.01E-03	8.45E-06	0.00E+00	2.66E-07	1.17E-03	0.00E+00	0.00E+00	3.40E-03
471	CARTGRID	1	371700	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.18E-03	2.47E-03	3.84E-06	5.88E-05	7.11E-07	2.18E-03	3.68E-03	2.18E-03	9.02E-06	0.00E+00	2.84E-07	1.25E-03	0.00E+00	0.00E+00	3.68E-03
472	CARTGRID	1	371800	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.37E-03	2.69E-03	4.18E-06	6.39E-05	7.68E-07	2.38E-03	3.99E-03	2.37E-03	9.65E-06	0.00E+00	3.03E-07	1.34E-03	0.00E+00	0.00E+00	3.99E-03
473	CARTGRID	1	371900	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.64E-03	2.99E-03	4.65E-06	7.10E-05	8.52E-07	2.64E-03	4.42E-03	2.64E-03	1.08E-05	0.00E+00	3.36E-07	1.50E-03	0.00E+00	0.00E+00	4.42E-03
474	CARTGRID	1	372000	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.97E-03	3.37E-03	5.24E-06	8.01E-05	9.59E-07	2.98E-03	4.98E-03	2.97E-03	1.22E-05	0.00E+00	3.77E-07	1.70E-03	0.00E+00	0.00E+00	4.98E-03
475	CARTGRID	1	372100	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.25E-03	3.68E-03	5.72E-06	8.74E-05	1.04E-06	3.25E-03	5.42E-03	3.25E-03	1.32E-05	0.00E+00	4.04E-07	1.84E-03	0.00E+00	0.00E+00	5.42E-03
476	CARTGRID	1	372200	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.40E-03	3.85E-03	5.99E-06	9.15E-05	1.08E-06	3.40E-03	5.65E-03	3.40E-03	1.34E-05	0.00E+00	4.11E-07	1.88E-03	0.00E+00	0.00E+00	5.65E-03
477	CARTGRID	1	372300	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.72E-03	4.21E-03	6.55E-06	1.00E-04	1.18E-06	3.72E-03	6.16E-03	3.72E-03	1.48E-05	0.00E+00	4.49E-07	2.09E-03	0.00E+00	0.00E+00	6.16E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
478	CARTGRID	1	372400	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.11E-03	4.65E-03	7.24E-06	1.11E-04	1.31E-06	4.11E-03	6.81E-03	4.11E-03	1.67E-05	0.00E+00	5.02E-07	2.36E-03	0.00E+00	0.00E+00	6.81E-03
479	CARTGRID	1	372500	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.58E-03	5.19E-03	8.07E-06	1.23E-04	1.46E-06	4.59E-03	7.58E-03	4.58E-03	1.88E-05	0.00E+00	5.66E-07	2.65E-03	0.00E+00	0.00E+00	7.58E-03
480	CARTGRID	1	372600	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.69E-03	5.31E-03	8.25E-06	1.26E-04	1.52E-06	4.69E-03	7.77E-03	4.68E-03	2.01E-05	0.00E+00	5.99E-07	2.85E-03	0.00E+00	0.00E+00	7.77E-03
481	CARTGRID	1	372700	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.70E-03	5.32E-03	8.27E-06	1.27E-04	1.55E-06	4.70E-03	7.83E-03	4.70E-03	2.14E-05	0.00E+00	6.29E-07	3.05E-03	0.00E+00	0.00E+00	7.83E-03
482	CARTGRID	1	372800	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.78E-03	5.41E-03	8.41E-06	1.29E-04	1.59E-06	4.78E-03	7.99E-03	4.78E-03	2.28E-05	0.00E+00	6.56E-07	3.28E-03	0.00E+00	0.00E+00	7.99E-03
483	CARTGRID	1	372900	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.01E-03	5.68E-03	8.82E-06	1.35E-04	1.67E-06	5.02E-03	8.38E-03	5.01E-03	2.43E-05	0.00E+00	6.81E-07	3.54E-03	0.00E+00	0.00E+00	8.38E-03
484	CARTGRID	1	373000	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.42E-03	6.14E-03	9.54E-06	1.46E-04	1.73E-06	5.42E-03	9.00E-03	5.42E-03	2.33E-05	0.00E+00	6.72E-07	3.37E-03	0.00E+00	0.00E+00	9.00E-03
485	CARTGRID	1	373100	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.73E-03	6.48E-03	1.01E-05	1.54E-04	1.79E-06	5.73E-03	9.48E-03	5.72E-03	2.35E-05	0.00E+00	6.70E-07	3.44E-03	0.00E+00	0.00E+00	9.48E-03
486	CARTGRID	1	373200	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.95E-03	6.73E-03	1.05E-05	1.60E-04	1.83E-06	5.95E-03	9.83E-03	5.95E-03	2.39E-05	0.00E+00	6.69E-07	3.52E-03	0.00E+00	0.00E+00	9.83E-03
487	CARTGRID	1	373300	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.19E-03	7.01E-03	1.09E-05	1.67E-04	1.87E-06	6.20E-03	1.02E-02	6.19E-03	2.40E-05	0.00E+00	6.60E-07	3.59E-03	0.00E+00	0.00E+00	1.02E-02
488	CARTGRID	1	373400	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.80E-03	7.70E-03	1.20E-05	1.83E-04	2.06E-06	6.81E-03	1.12E-02	6.80E-03	2.67E-05	0.00E+00	7.27E-07	3.99E-03	0.00E+00	0.00E+00	1.12E-02
489	CARTGRID	1	373500	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.63E-03	8.65E-03	1.34E-05	2.06E-04	2.49E-06	7.64E-03	1.29E-02	7.63E-03	3.81E-05	0.00E+00	9.92E-07	5.75E-03	0.00E+00	0.00E+00	1.29E-02
490	CARTGRID	1	373600	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.66E-03	8.68E-03	1.35E-05	2.07E-04	2.84E-06	7.67E-03	1.36E-02	7.66E-03	4.81E-05	0.00E+00	1.34E-06	6.79E-03	0.00E+00	0.00E+00	1.36E-02
491	CARTGRID	1	373700	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.95E-03	1.13E-02	1.75E-05	2.69E-04	4.30E-06	9.96E-03	1.91E-02	9.95E-03	7.55E-05	0.00E+00	2.35E-06	9.55E-03	0.00E+00	0.00E+00	1.91E-02
492	CARTGRID	1	373800	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.08E-02	1.22E-02	1.90E-05	2.90E-04	4.08E-06	1.08E-02	1.91E-02	1.08E-02	6.23E-05	0.00E+00	1.97E-06	7.91E-03	0.00E+00	0.00E+00	1.91E-02
493	CARTGRID	1	373900	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.25E-03	9.34E-03	1.45E-05	2.22E-04	3.21E-06	8.25E-03	1.53E-02	8.24E-03	5.07E-05	0.00E+00	1.60E-06	6.45E-03	0.00E+00	0.00E+00	1.53E-02
494	CARTGRID	1	374000	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.67E-03	7.57E-03	1.18E-05	1.81E-04	3.21E-06	6.68E-03	1.31E-02	6.67E-03	6.02E-05	0.00E+00	1.90E-06	7.42E-03	0.00E+00	0.00E+00	1.31E-02
495	CARTGRID	1	374100	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.63E-03	5.26E-03	8.16E-06	1.26E-04	3.00E-06	4.64E-03	1.02E-02	4.63E-03	6.59E-05	0.00E+00	2.10E-06	7.90E-03	0.00E+00	0.00E+00	1.02E-02
496	CARTGRID	1	374200	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.56E-03	4.05E-03	6.27E-06	9.80E-05	3.34E-06	3.57E-03	1.01E-02	3.56E-03	8.16E-05	0.00E+00	2.64E-06	9.49E-03	0.00E+00	0.00E+00	1.01E-02
497	CARTGRID	1	374300	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.70E-03	4.19E-06	6.50E-05	1.74E-06	2.38E-03	5.64E-03	2.38E-03	3.97E-05	0.00E+00	1.28E-06	4.70E-03	0.00E+00	0.00E+00	5.64E-03
498	CARTGRID	1	374400	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.56E-03	1.78E-03	2.74E-06	4.39E-05	2.52E-06	1.56E-03	3.96E-03	1.56E-03	6.79E-05	0.00E+00	2.22E-06	7.71E-03	0.00E+00	0.00E+00	7.71E-03
499	CARTGRID	1	374500	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.26E-03	1.44E-03	2.22E-06	3.49E-05	1.28E-06	1.27E-03	2.83E-03	1.26E-03	3.19E-05	0.00E+00	1.03E-06	3.71E-03	0.00E+00	0.00E+00	3.71E-03
500	CARTGRID	1	374600	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.27E-03	1.97E-06	3.07E-05	8.66E-07	1.12E-03	2.37E-03	1.12E-03	2.01E-05	0.00E+00	6.47E-07	2.39E-03	0.00E+00	0.00E+00	2.39E-03
501	CARTGRID	1	374700	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.67E-04	1.10E-03	1.70E-06	2.64E-05	7.16E-07	9.68E-04	2.02E-03	9.67E-04	1.64E-05	0.00E+00	5.27E-07	1.95E-03	0.00E+00	0.00E+00	2.02E-03
502	CARTGRID	1	374800	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.78E-04	8.84E-04	1.37E-06	2.13E-05	5.65E-07	7.79E-04	1.61E-03	7.78E-04	1.28E-05	0.00E+00	4.12E-07	1.53E-03	0.00E+00	0.00E+00	1.61E-03
503	CARTGRID	1	374900	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.03E-04	7.99E-04	1.24E-06	1.92E-05	4.88E-07	7.04E-04	1.43E-03	7.03E-04	1.09E-05	0.00E+00	3.50E-07	1.31E-03	0.00E+00	0.00E+00	1.43E-03
504	CARTGRID	1	375000	3762700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.94E-04	7.88E-04	1.22E-06	1.89E-05	4.47E-07	6.95E-04	1.37E-03	6.94E-04	9.69E-06	0.00E+00	3.11E-07	1.17E-03	0.00E+00	0.00E+00	1.37E-03
505	CARTGRID	1	371500	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.92E-03	2.18E-03	3.39E-06	5.18E-05	6.36E-07	1.93E-03	3.27E-03	1.92E-03	8.20E-06	0.00E+00	2.59E-07	1.13E-03	0.00E+00	0.00E+00	3.27E-03
506	CARTGRID	1	371600	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.09E-03	2.37E-03	3.68E-06	5.63E-05	6.85E-07	2.09E-03	3.54E-03	2.09E-03	8.74E-06	0.00E+00	2.76E-07	1.21E-03	0.00E+00	0.00E+00	3.54E-03
507	CARTGRID	1	371700	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.27E-03	2.57E-03	4.01E-06	6.12E-05	7.39E-07	2.28E-03	3.84E-03	2.27E-03	9.35E-06	0.00E+00	2.94E-07	1.29E-03	0.00E+00	0.00E+00	3.84E-03
508	CARTGRID	1	371800	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.48E-03	2.81E-03	4.37E-06	6.68E-05	8.01E-07	2.48E-03	4.17E-03	2.48E-03	1.00E-05	0.00E+00	3.15E-07	1.39E-03	0.00E+00	0.00E+00	4.17E-03
509	CARTGRID	1	371900	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.73E-03	3.09E-03	4.80E-06	7.34E-05	8.74E-07	2.73E-03	4.57E-03	2.73E-03	1.09E-05	0.00E+00	3.40E-07	1.51E-03	0.00E+00	0.00E+00	4.57E-03
510	CARTGRID	1	372000	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.09E-03	3.50E-03	5.44E-06	8.32E-05	9.90E-07	3.09E-03	5.17E-03	3.09E-03	1.24E-05	0.00E+00	3.85E-07	1.73E-03	0.00E+00	0.00E+00	5.17E-03
511	CARTGRID	1	372100	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.56E-03	4.04E-03	6.28E-06	9.60E-05	1.14E-06	3.57E-03	5.95E-03	3.56E-03	1.43E-05	0.00E+00	4.39E-07	1.99E-03	0.00E+00	0.00E+00	5.95E-03
512	CARTGRID	1	372200	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.85E-03	4.36E-03	6.78E-06	1.04E-04	1.21E-06	3.85E-03	6.40E-03	3.85E-03	1.50E-05	0.00E+00	4.60E-07	2.10E-03	0.00E+00	0.00E+00	6.40E-03
513	CARTGRID	1	372300	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.18E-03	4.74E-03	7.37E-06	1.13E-04	1.31E-06	4.19E-03	6.92E-03	4.18E-03	1.60E-05	0.00E+00	4.87E-07	2.25E-03	0.00E+00	0.00E+00	6.92E-03
514	CARTGRID	1	372400	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.77E-03	5.40E-03	8.40E-06	1.28E-04	1.49E-06	4.77E-03	7.87E-03	4.77E-03	1.82E-05	0.00E+00	5.51E-07	2.58E-03	0.00E+00	0.00E+00	7.87E-03
515	CARTGRID	1	372500	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.24E-03	5.93E-03	9.23E-06	1.41E-04	1.63E-06	5.24E-03	8.62E-03	5.24E-03	2.01E-05	0.00E+00	6.06E-07	2.84E-03	0.00E+00	0.00E+00	8.62E-03
516	CARTGRID	1	372600	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.62E-03	6.37E-03	9.91E-06	1.51E-04	1.76E-06	5.63E-03	9.25E-03	5.62E-03	2.18E-05	0.00E+00	6.62E-07	3.07E-03	0.00E+00	0.00E+00	9.25E-03
517	CARTGRID	1	372700	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.66E-03	6.40E-03	9.96E-06	1.52E-04	1.81E-06	5.66E-03	9.35E-03	5.65E-03	2.35E-05	0.00E+00	7.06E-07	3.33E-03	0.00E+00	0.00E+00	9.35E-03
518	CARTGRID	1	372800	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.71E-03	6.47E-03	1.01E-05	1.54E-04	1.87E-06	5.72E-03	9.48E-03	5.71E-03	2.49E-05	0.00E+00	7.46E-07	3.52E-03	0.00E+00	0.00E+00	9.48E-03
519	CARTGRID	1	372900	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.93E-03	6.72E-03	1.04E-05	1.60E-04	1.95E-06	5.94E-03	9.88E-03	5.93E-03	2.74E-05	0.00E+00	7.88E-07	3.94E-03	0.00E+00	0.00E+00	9.88E-03
520	CARTGRID	1	373000	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.50E-03	7.37E-03	1.14E-05	1.75E-04	2.10E-06	6.51E-03	1.08E-02	6.50E-03	2.87E-05	0.00E+00	8.24E-07	4.15E-03	0.00E+00	0.00E+00	1.08E-02
521	CARTGRID	1	373100	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.70E-03	7.59E-03	1.18E-05	1.80E-04	2.10E-06	6.71E-03	1.11E-02	6.70E-03	2.72E-05	0.00E+00	7.86E-07	3.95E-03	0.00E+00	0.00E+00	1.11E-02
522	CARTGRID	1	373200	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.04E-03	7.98E-03	1.24E-05	1.90E-04	2.44E-06	7.05E-03	1.19E-02	7.04E-03	3.62E-05	0.00E+00	1.06E-06	5.04E-03	0.00E+00	0.00E+00	1.19E-02
523	CARTGRID	1	373300	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.53E-03	8.53E-03	1.33E-05	2.03E-04	2.42E-06	7.54E-03	1.26E-02	7.53E-03	3.37E-05	0.00E+00	9.42E-07	4.89E-03	0.00E+00	0.00E+00	1.26E-02
524	CARTGRID	1	373400	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.15E-03	1.04E-02	1.61E-05	2.46E-04	2.80E-06	9.16E-03	1.51E-02	9.15E-03	3.86E-05	0.00E+00	1.00E-06	5.93E-03	0.00E+00	0.00E+00	1.51E-02
525	CARTGRID	1	373500	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.64E-03	1.09E-02	1.70E-05	2.59E-04	3.12E-06	9.65E-03	1.63E-02	9.64E-03	5.04E-05	0.00E+00	1.23E-06	7.88E-03	0.00E+00	0.00E+00	1.63E-02
526	CARTGRID	1	373600	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.06E-02	1.21E-02	1.87E-05	2.87E-04	3.87E-06	1.07E-02	1.93E-02	1.06E-02	6.84E-05	0.00E+00	1.79E-06	1.01E-02	0.00E+00	0.00E+00	1.93E-02
527	CARTGRID	1	373700	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.42E-02	1.60E-02	2.49E-05	3.81E-04	4.68E-06	1.42E-02	2.45E-02	1.42E-02	6.65E-05	0.00E+00	1.91E-06	9.36E-03	0.00E+00	0.00E+00	2.45E-02
528	CARTGRID	1	373800	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.34E-02	2.65E-02	4.13E-05	6.29E-04	6.20E-06	2.35E-02	3.77E-02	2.34E-02	5.32E-05	0.00E+00	1.62E-06	7.83E-03	0.00E+00	0.00E+00	3.77E-02
529	CARTGRID	1	373900	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.37E-02	4.95E-02	7.71E-05	1.17E-03	1.12E-05	4.38E-02	6.91E-02	4.37E-02	8.23E-05	0.00E+00	2.64E-06	1.20E-02	0.00E+00	0.00E+00	6.91E-02
530	CARTGRID	1	374000	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-02	1.42E-02	2.20E-05	3.37E-04	4.28E-06	1.25E-02	2.19E-02	1.25E-02	5.77E-05	0.00E+00	1.83E-06	7.42E-03	0.00E+00	0.00E+00	2.19E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
531	CARTGRID	1	374100	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.56E-03	7.44E-03	1.16E-05	1.78E-04	3.48E-06	6.57E-03	1.51E-02	6.56E-03	6.82E-05	0.00E+00	2.20E-06	8.19E-03	0.00E+00	0.00E+00	1.51E-02
532	CARTGRID	1	374200	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.45E-03	3.92E-03	6.07E-06	9.47E-05	3.13E-06	3.45E-03	9.25E-03	3.44E-03	7.55E-05	0.00E+00	2.46E-06	8.73E-03	0.00E+00	0.00E+00	9.25E-03
533	CARTGRID	1	374300	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.48E-03	2.82E-03	4.36E-06	6.82E-05	2.37E-06	2.48E-03	5.93E-03	2.48E-03	5.80E-05	0.00E+00	1.89E-06	6.70E-03	0.00E+00	0.00E+00	6.70E-03
534	CARTGRID	1	374400	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.59E-03	1.81E-03	2.81E-06	4.38E-05	1.37E-06	1.60E-03	3.56E-03	1.59E-03	3.27E-05	0.00E+00	1.06E-06	3.83E-03	0.00E+00	0.00E+00	3.83E-03
535	CARTGRID	1	374500	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-03	1.55E-03	2.40E-06	3.74E-05	1.10E-06	1.37E-03	2.89E-03	1.36E-03	2.60E-05	0.00E+00	8.36E-07	3.06E-03	0.00E+00	0.00E+00	3.06E-03
536	CARTGRID	1	374600	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.20E-03	1.36E-03	2.11E-06	3.27E-05	9.09E-07	1.20E-03	2.50E-03	1.20E-03	2.10E-05	0.00E+00	6.75E-07	2.50E-03	0.00E+00	0.00E+00	2.50E-03
537	CARTGRID	1	374700	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.35E-03	2.09E-06	3.24E-05	8.11E-07	1.19E-03	2.42E-03	1.19E-03	1.81E-05	0.00E+00	5.79E-07	2.18E-03	0.00E+00	0.00E+00	2.42E-03
538	CARTGRID	1	374800	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.72E-04	9.90E-04	1.54E-06	2.38E-05	5.74E-07	8.73E-04	1.76E-03	8.72E-04	1.26E-05	0.00E+00	4.03E-07	1.53E-03	0.00E+00	0.00E+00	1.76E-03
539	CARTGRID	1	374900	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.86E-04	8.92E-04	1.38E-06	2.14E-05	5.02E-07	7.87E-04	1.56E-03	7.86E-04	1.09E-05	0.00E+00	3.48E-07	1.32E-03	0.00E+00	0.00E+00	1.56E-03
540	CARTGRID	1	375000	3762800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.55E-04	8.57E-04	1.33E-06	2.05E-05	4.63E-07	7.56E-04	1.48E-03	7.55E-04	9.86E-06	0.00E+00	3.15E-07	1.20E-03	0.00E+00	0.00E+00	1.48E-03
541	CARTGRID	1	371500	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-03	2.26E-03	3.51E-06	5.36E-05	6.56E-07	1.99E-03	3.38E-03	1.99E-03	8.43E-06	0.00E+00	2.66E-07	1.16E-03	0.00E+00	0.00E+00	3.38E-03
542	CARTGRID	1	371600	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.18E-03	2.46E-03	3.83E-06	5.86E-05	7.11E-07	2.18E-03	3.68E-03	2.18E-03	9.04E-06	0.00E+00	2.85E-07	1.24E-03	0.00E+00	0.00E+00	3.68E-03
543	CARTGRID	1	371700	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.69E-03	4.19E-06	6.41E-05	7.71E-07	2.38E-03	4.02E-03	2.38E-03	9.69E-06	0.00E+00	3.05E-07	1.34E-03	0.00E+00	0.00E+00	4.02E-03
544	CARTGRID	1	371800	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.61E-03	2.95E-03	4.59E-06	7.02E-05	8.38E-07	2.61E-03	4.39E-03	2.61E-03	1.04E-05	0.00E+00	3.27E-07	1.44E-03	0.00E+00	0.00E+00	4.39E-03
545	CARTGRID	1	371900	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.89E-03	3.27E-03	5.09E-06	7.77E-05	9.23E-07	2.89E-03	4.85E-03	2.89E-03	1.14E-05	0.00E+00	3.58E-07	1.58E-03	0.00E+00	0.00E+00	4.85E-03
546	CARTGRID	1	372000	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.24E-03	3.67E-03	5.70E-06	8.72E-05	1.03E-06	3.24E-03	5.42E-03	3.24E-03	1.28E-05	0.00E+00	3.98E-07	1.77E-03	0.00E+00	0.00E+00	5.42E-03
547	CARTGRID	1	372100	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.85E-03	4.36E-03	6.78E-06	1.04E-04	1.23E-06	3.85E-03	6.44E-03	3.85E-03	1.53E-05	0.00E+00	4.72E-07	2.12E-03	0.00E+00	0.00E+00	6.44E-03
548	CARTGRID	1	372200	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.38E-03	4.96E-03	7.72E-06	1.18E-04	1.38E-06	4.38E-03	7.28E-03	4.38E-03	1.68E-05	0.00E+00	5.18E-07	2.34E-03	0.00E+00	0.00E+00	7.28E-03
549	CARTGRID	1	372300	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.72E-03	5.34E-03	8.32E-06	1.27E-04	1.46E-06	4.72E-03	7.80E-03	4.72E-03	1.75E-05	0.00E+00	5.36E-07	2.46E-03	0.00E+00	0.00E+00	7.80E-03
550	CARTGRID	1	372400	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.30E-03	6.00E-03	9.34E-06	1.43E-04	1.62E-06	5.30E-03	8.71E-03	5.30E-03	1.91E-05	0.00E+00	5.81E-07	2.70E-03	0.00E+00	0.00E+00	8.71E-03
551	CARTGRID	1	372500	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.29E-03	7.13E-03	1.11E-05	1.69E-04	1.90E-06	6.30E-03	1.03E-02	6.29E-03	2.18E-05	0.00E+00	6.72E-07	3.08E-03	0.00E+00	0.00E+00	1.03E-02
552	CARTGRID	1	372600	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.76E-03	7.66E-03	1.19E-05	1.82E-04	2.05E-06	6.77E-03	1.10E-02	6.76E-03	2.38E-05	0.00E+00	7.28E-07	3.37E-03	0.00E+00	0.00E+00	1.10E-02
553	CARTGRID	1	372700	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.99E-03	7.91E-03	1.23E-05	1.88E-04	2.15E-06	6.99E-03	1.14E-02	6.99E-03	2.55E-05	0.00E+00	7.81E-07	3.58E-03	0.00E+00	0.00E+00	1.14E-02
554	CARTGRID	1	372800	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.86E-03	7.76E-03	1.21E-05	1.85E-04	2.17E-06	6.86E-03	1.13E-02	6.85E-03	2.72E-05	0.00E+00	8.31E-07	3.80E-03	0.00E+00	0.00E+00	1.13E-02
555	CARTGRID	1	372900	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.04E-03	7.97E-03	1.24E-05	1.89E-04	2.27E-06	7.04E-03	1.16E-02	7.04E-03	2.94E-05	0.00E+00	8.89E-07	4.12E-03	0.00E+00	0.00E+00	1.16E-02
556	CARTGRID	1	373000	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.69E-03	8.71E-03	1.35E-05	2.07E-04	2.49E-06	7.70E-03	1.27E-02	7.69E-03	3.42E-05	0.00E+00	9.82E-07	4.92E-03	0.00E+00	0.00E+00	1.27E-02
557	CARTGRID	1	373100	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.35E-03	9.46E-03	1.47E-05	2.25E-04	2.65E-06	8.36E-03	1.38E-02	8.35E-03	3.49E-05	0.00E+00	1.01E-06	5.02E-03	0.00E+00	0.00E+00	1.38E-02
558	CARTGRID	1	373200	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.29E-03	9.38E-03	1.46E-05	2.23E-04	2.74E-06	8.29E-03	1.41E-02	8.28E-03	3.84E-05	0.00E+00	1.11E-06	5.44E-03	0.00E+00	0.00E+00	1.41E-02
559	CARTGRID	1	373300	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.51E-03	1.08E-02	1.67E-05	2.57E-04	3.72E-06	9.52E-03	1.85E-02	9.51E-03	6.30E-05	0.00E+00	1.85E-06	8.47E-03	0.00E+00	0.00E+00	1.85E-02
560	CARTGRID	1	373400	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-02	1.33E-02	2.06E-05	3.17E-04	6.00E-06	1.17E-02	2.24E-02	1.17E-02	1.25E-04	0.00E+00	3.71E-06	1.63E-02	0.00E+00	0.00E+00	2.24E-02
561	CARTGRID	1	373500	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.52E-02	1.72E-02	2.67E-05	4.08E-04	4.82E-06	1.52E-02	2.58E-02	1.52E-02	7.67E-05	0.00E+00	1.86E-06	1.20E-02	0.00E+00	0.00E+00	2.58E-02
562	CARTGRID	1	373600	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-02	1.83E-02	2.84E-05	4.37E-04	7.84E-06	1.62E-02	2.98E-02	1.61E-02	1.65E-04	0.00E+00	4.68E-06	2.22E-02	0.00E+00	0.00E+00	2.98E-02
563	CARTGRID	1	373700	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-02	2.15E-02	3.35E-05	5.12E-04	6.14E-06	1.90E-02	3.20E-02	1.90E-02	9.92E-05	0.00E+00	2.42E-06	1.55E-02	0.00E+00	0.00E+00	3.20E-02
564	CARTGRID	1	373800	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.37E-02	3.81E-02	5.93E-05	9.04E-04	9.35E-06	3.37E-02	5.47E-02	3.37E-02	9.37E-05	0.00E+00	2.77E-06	1.36E-02	0.00E+00	0.00E+00	5.47E-02
565	CARTGRID	1	373900	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.65E-01	8.66E-01	1.35E-03	2.05E-02	1.52E-04	7.66E-01	1.14E+00	7.65E-01	7.78E-05	0.00E+00	2.74E-06	5.16E-02	0.00E+00	0.00E+00	1.14E+00
566	CARTGRID	1	374000	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.89E-02	1.01E-01	1.57E-04	2.38E-03	2.03E-05	8.90E-02	1.37E-01	8.89E-02	8.93E-05	0.00E+00	2.90E-06	1.52E-02	0.00E+00	0.00E+00	1.37E-01
567	CARTGRID	1	374100	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.02E-02	3.14E-05	4.79E-04	5.55E-06	1.78E-02	2.97E-02	1.78E-02	6.42E-05	0.00E+00	2.07E-06	8.35E-03	0.00E+00	0.00E+00	2.97E-02
568	CARTGRID	1	374200	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.56E-03	7.44E-03	1.16E-05	1.78E-04	3.00E-06	6.57E-03	1.29E-02	6.56E-03	5.33E-05	0.00E+00	1.72E-06	6.47E-03	0.00E+00	0.00E+00	1.29E-02
569	CARTGRID	1	374300	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.25E-03	3.68E-03	5.72E-06	8.80E-05	1.65E-06	3.25E-03	6.16E-03	3.25E-03	3.18E-05	0.00E+00	1.02E-06	3.85E-03	0.00E+00	0.00E+00	6.16E-03
570	CARTGRID	1	374400	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.08E-03	2.36E-03	3.67E-06	5.64E-05	1.06E-06	2.08E-03	4.00E-03	2.08E-03	2.07E-05	0.00E+00	6.57E-07	2.54E-03	0.00E+00	0.00E+00	4.00E-03
571	CARTGRID	1	374500	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-03	1.92E-03	2.98E-06	4.60E-05	1.00E-06	1.69E-03	3.33E-03	1.69E-03	2.10E-05	0.00E+00	6.70E-07	2.54E-03	0.00E+00	0.00E+00	3.33E-03
572	CARTGRID	1	374600	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.47E-03	1.67E-03	2.59E-06	4.00E-05	8.49E-07	1.47E-03	2.88E-03	1.47E-03	1.77E-05	0.00E+00	5.61E-07	2.15E-03	0.00E+00	0.00E+00	2.88E-03
573	CARTGRID	1	374700	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.85E-03	2.87E-06	4.42E-05	9.04E-07	1.63E-03	3.16E-03	1.63E-03	1.85E-05	0.00E+00	5.85E-07	2.27E-03	0.00E+00	0.00E+00	3.16E-03
574	CARTGRID	1	374800	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-03	1.38E-03	2.14E-06	3.31E-05	6.89E-07	1.22E-03	2.35E-03	1.22E-03	1.42E-05	0.00E+00	4.51E-07	1.74E-03	0.00E+00	0.00E+00	2.35E-03
575	CARTGRID	1	374900	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.80E-04	1.11E-03	1.73E-06	2.66E-05	5.47E-07	9.81E-04	1.88E-03	9.79E-04	1.12E-05	0.00E+00	3.55E-07	1.38E-03	0.00E+00	0.00E+00	1.88E-03
576	CARTGRID	1	375000	3762900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.08E-04	1.03E-03	1.60E-06	2.46E-05	4.96E-07	9.09E-04	1.72E-03	9.08E-04	1.00E-05	0.00E+00	3.19E-07	1.24E-03	0.00E+00	0.00E+00	1.72E-03
577	CARTGRID	1	371500	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.05E-03	2.32E-03	3.61E-06	5.52E-05	6.74E-07	2.05E-03	3.48E-03	2.05E-03	8.65E-06	0.00E+00	2.73E-07	1.19E-03	0.00E+00	0.00E+00	3.48E-03
578	CARTGRID	1	371600	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.25E-03	2.55E-03	3.97E-06	6.07E-05	7.35E-07	2.26E-03	3.82E-03	2.25E-03	9.32E-06	0.00E+00	2.94E-07	1.28E-03	0.00E+00	0.00E+00	3.82E-03
579	CARTGRID	1	371700	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.49E-03	2.82E-03	4.38E-06	6.70E-05	8.03E-07	2.49E-03	4.20E-03	2.49E-03	1.00E-05	0.00E+00	3.16E-07	1.38E-03	0.00E+00	0.00E+00	4.20E-03
580	CARTGRID	1	371800	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.75E-03	3.11E-03	4.84E-06	7.39E-05	8.78E-07	2.75E-03	4.62E-03	2.75E-03	1.08E-05	0.00E+00	3.41E-07	1.49E-03	0.00E+00	0.00E+00	4.62E-03
581	CARTGRID	1	371900	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.04E-03	3.45E-03	5.36E-06	8.20E-05	9.66E-07	3.05E-03	5.11E-03	3.04E-03	1.18E-05	0.00E+00	3.70E-07	1.63E-03	0.00E+00	0.00E+00	5.11E-03
582	CARTGRID	1	372000	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.41E-03	3.86E-03	6.00E-06	9.17E-05	1.07E-06	3.41E-03	5.70E-03	3.41E-03	1.31E-05	0.00E+00	4.08E-07	1.80E-03	0.00E+00	0.00E+00	5.70E-03
583	CARTGRID	1	372100	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.88E-03	4.40E-03	6.84E-06	1.05E-04	1.22E-06	3.89E-03	6.49E-03	3.88E-03	1.48E-05	0.00E+00	4.61E-07	2.05E-03	0.00E+00	0.00E+00	6.49E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
584	CARTGRID	1	372200	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.76E-03	5.39E-03	8.39E-06	1.28E-04	1.49E-06	4.76E-03	7.92E-03	4.76E-03	1.79E-05	0.00E+00	5.56E-07	2.48E-03	0.00E+00	0.00E+00	7.92E-03
585	CARTGRID	1	372300	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.49E-03	6.22E-03	9.67E-06	1.48E-04	1.69E-06	5.49E-03	9.07E-03	5.49E-03	1.96E-05	0.00E+00	6.11E-07	2.73E-03	0.00E+00	0.00E+00	9.07E-03
586	CARTGRID	1	372400	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.20E-03	7.02E-03	1.09E-05	1.67E-04	1.87E-06	6.21E-03	1.02E-02	6.20E-03	2.13E-05	0.00E+00	6.58E-07	2.99E-03	0.00E+00	0.00E+00	1.02E-02
587	CARTGRID	1	372500	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.18E-03	8.14E-03	1.27E-05	1.93E-04	2.13E-06	7.19E-03	1.17E-02	7.18E-03	2.35E-05	0.00E+00	7.23E-07	3.32E-03	0.00E+00	0.00E+00	1.17E-02
588	CARTGRID	1	372600	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.38E-03	9.49E-03	1.48E-05	2.25E-04	2.44E-06	8.39E-03	1.36E-02	8.38E-03	2.59E-05	0.00E+00	8.03E-07	3.67E-03	0.00E+00	0.00E+00	1.36E-02
589	CARTGRID	1	372700	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.03E-03	1.02E-02	1.59E-05	2.43E-04	2.65E-06	9.04E-03	1.46E-02	9.03E-03	2.86E-05	0.00E+00	8.84E-07	4.04E-03	0.00E+00	0.00E+00	1.46E-02
590	CARTGRID	1	372800	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.72E-03	9.88E-03	1.54E-05	2.35E-04	2.64E-06	8.73E-03	1.42E-02	8.72E-03	3.00E-05	0.00E+00	9.35E-07	4.20E-03	0.00E+00	0.00E+00	1.42E-02
591	CARTGRID	1	372900	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.76E-03	9.92E-03	1.54E-05	2.36E-04	2.78E-06	8.77E-03	1.44E-02	8.76E-03	3.46E-05	0.00E+00	1.07E-06	4.79E-03	0.00E+00	0.00E+00	1.44E-02
592	CARTGRID	1	373000	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.48E-03	1.07E-02	1.67E-05	2.55E-04	3.06E-06	9.49E-03	1.56E-02	9.48E-03	4.03E-05	0.00E+00	1.20E-06	5.67E-03	0.00E+00	0.00E+00	1.56E-02
593	CARTGRID	1	373100	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.31E-03	1.06E-02	1.64E-05	2.51E-04	3.30E-06	9.33E-03	1.55E-02	9.31E-03	4.79E-05	0.00E+00	1.48E-06	6.44E-03	0.00E+00	0.00E+00	1.55E-02
594	CARTGRID	1	373200	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.84E-03	1.11E-02	1.73E-05	2.65E-04	3.21E-06	9.85E-03	1.64E-02	9.84E-03	4.37E-05	0.00E+00	1.28E-06	6.19E-03	0.00E+00	0.00E+00	1.64E-02
595	CARTGRID	1	373300	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-02	1.37E-02	2.12E-05	3.25E-04	4.05E-06	1.21E-02	2.09E-02	1.21E-02	5.94E-05	0.00E+00	1.68E-06	8.49E-03	0.00E+00	0.00E+00	2.09E-02
596	CARTGRID	1	373400	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.52E-02	1.72E-02	2.67E-05	4.08E-04	4.78E-06	1.52E-02	2.56E-02	1.52E-02	7.27E-05	0.00E+00	1.81E-06	1.13E-02	0.00E+00	0.00E+00	2.56E-02
597	CARTGRID	1	373500	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.52E-02	3.99E-02	6.20E-05	9.46E-04	1.07E-05	3.52E-02	5.68E-02	3.52E-02	1.85E-04	0.00E+00	3.78E-06	3.17E-02	0.00E+00	0.00E+00	5.68E-02
598	CARTGRID	1	373600	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.04E-02	6.84E-02	1.07E-04	1.62E-03	1.40E-05	6.05E-02	9.41E-02	6.04E-02	1.56E-04	0.00E+00	2.16E-06	3.23E-02	0.00E+00	0.00E+00	9.41E-02
599	CARTGRID	1	373700	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.22E-02	8.17E-02	1.27E-04	1.94E-03	1.63E-05	7.22E-02	1.11E-01	7.21E-02	1.31E-04	0.00E+00	2.22E-06	2.68E-02	0.00E+00	0.00E+00	1.11E-01
600	CARTGRID	1	373800	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.31E-02	4.88E-02	7.59E-05	1.16E-03	1.00E-05	4.31E-02	6.70E-02	4.31E-02	1.14E-04	0.00E+00	1.60E-06	2.37E-02	0.00E+00	0.00E+00	6.70E-02
601	CARTGRID	1	373900	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.09E-01	9.15E-01	1.43E-03	2.17E-02	1.60E-04	8.09E-01	1.20E+00	8.09E-01	7.34E-05	0.00E+00	2.22E-06	5.50E-02	0.00E+00	0.00E+00	1.20E+00
602	CARTGRID	1	374000	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.61E-02	8.61E-02	1.34E-04	2.04E-03	1.69E-05	7.62E-02	1.16E-01	7.61E-02	6.51E-05	0.00E+00	2.05E-06	1.20E-02	0.00E+00	0.00E+00	1.16E-01
603	CARTGRID	1	374100	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.36E-02	3.80E-02	5.93E-05	9.02E-04	7.85E-06	3.37E-02	5.17E-02	3.36E-02	4.07E-05	0.00E+00	1.28E-06	6.71E-03	0.00E+00	0.00E+00	5.17E-02
604	CARTGRID	1	374200	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.50E-02	1.70E-02	2.64E-05	4.03E-04	4.03E-06	1.50E-02	2.37E-02	1.50E-02	3.46E-05	0.00E+00	1.10E-06	4.91E-03	0.00E+00	0.00E+00	2.37E-02
605	CARTGRID	1	374300	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.96E-03	7.88E-03	1.23E-05	1.87E-04	2.10E-06	6.96E-03	1.13E-02	6.96E-03	2.34E-05	0.00E+00	7.35E-07	3.17E-03	0.00E+00	0.00E+00	1.13E-02
606	CARTGRID	1	374400	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.07E-03	4.60E-03	7.17E-06	1.09E-04	1.38E-06	4.07E-03	6.85E-03	4.06E-03	1.86E-05	0.00E+00	5.83E-07	2.45E-03	0.00E+00	0.00E+00	6.85E-03
607	CARTGRID	1	374500	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.81E-03	3.18E-03	4.95E-06	7.58E-05	1.07E-06	2.81E-03	4.90E-03	2.81E-03	1.66E-05	0.00E+00	5.18E-07	2.14E-03	0.00E+00	0.00E+00	4.90E-03
608	CARTGRID	1	374600	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.19E-03	2.48E-03	3.85E-06	5.91E-05	9.23E-07	2.19E-03	3.92E-03	2.19E-03	1.58E-05	0.00E+00	4.96E-07	2.00E-03	0.00E+00	0.00E+00	3.92E-03
609	CARTGRID	1	374700	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-03	2.59E-03	4.02E-06	6.17E-05	9.83E-07	2.28E-03	4.13E-03	2.28E-03	1.72E-05	0.00E+00	5.37E-07	2.18E-03	0.00E+00	0.00E+00	4.13E-03
610	CARTGRID	1	374800	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-03	2.02E-03	3.14E-06	4.82E-05	8.10E-07	1.79E-03	3.26E-03	1.78E-03	1.47E-05	0.00E+00	4.61E-07	1.85E-03	0.00E+00	0.00E+00	3.26E-03
611	CARTGRID	1	374900	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-03	1.39E-03	2.16E-06	3.32E-05	5.80E-07	1.23E-03	2.25E-03	1.23E-03	1.08E-05	0.00E+00	3.40E-07	1.36E-03	0.00E+00	0.00E+00	2.25E-03
612	CARTGRID	1	375000	3763000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.27E-03	1.97E-06	3.03E-05	5.33E-07	1.12E-03	2.05E-03	1.12E-03	9.95E-06	0.00E+00	3.14E-07	1.25E-03	0.00E+00	0.00E+00	2.05E-03
613	CARTGRID	1	371500	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.09E-03	2.36E-03	3.68E-06	5.62E-05	6.87E-07	2.09E-03	3.55E-03	2.09E-03	8.83E-06	0.00E+00	2.79E-07	1.21E-03	0.00E+00	0.00E+00	3.55E-03
614	CARTGRID	1	371600	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-03	2.62E-03	4.08E-06	6.24E-05	7.55E-07	2.32E-03	3.93E-03	2.32E-03	9.57E-06	0.00E+00	3.02E-07	1.31E-03	0.00E+00	0.00E+00	3.93E-03
615	CARTGRID	1	371700	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.57E-03	2.92E-03	4.53E-06	6.93E-05	8.30E-07	2.58E-03	4.36E-03	2.57E-03	1.03E-05	0.00E+00	3.26E-07	1.42E-03	0.00E+00	0.00E+00	4.36E-03
616	CARTGRID	1	371800	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.87E-03	3.25E-03	5.05E-06	7.72E-05	9.14E-07	2.87E-03	4.84E-03	2.87E-03	1.12E-05	0.00E+00	3.53E-07	1.54E-03	0.00E+00	0.00E+00	4.84E-03
617	CARTGRID	1	371900	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.21E-03	3.64E-03	5.66E-06	8.65E-05	1.01E-06	3.22E-03	5.39E-03	3.21E-03	1.22E-05	0.00E+00	3.84E-07	1.69E-03	0.00E+00	0.00E+00	5.39E-03
618	CARTGRID	1	372000	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.64E-03	4.12E-03	6.41E-06	9.79E-05	1.14E-06	3.64E-03	6.09E-03	3.64E-03	1.37E-05	0.00E+00	4.28E-07	1.88E-03	0.00E+00	0.00E+00	6.09E-03
619	CARTGRID	1	372100	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.07E-03	4.61E-03	7.17E-06	1.10E-04	1.26E-06	4.07E-03	6.78E-03	4.07E-03	1.48E-05	0.00E+00	4.62E-07	2.04E-03	0.00E+00	0.00E+00	6.78E-03
620	CARTGRID	1	372200	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.67E-03	5.29E-03	8.23E-06	1.26E-04	1.43E-06	4.68E-03	7.76E-03	4.67E-03	1.67E-05	0.00E+00	5.20E-07	2.31E-03	0.00E+00	0.00E+00	7.76E-03
621	CARTGRID	1	372300	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.95E-03	6.74E-03	1.05E-05	1.60E-04	1.82E-06	5.96E-03	9.84E-03	5.95E-03	2.08E-05	0.00E+00	6.51E-07	2.88E-03	0.00E+00	0.00E+00	9.84E-03
622	CARTGRID	1	372400	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.15E-03	8.10E-03	1.26E-05	1.92E-04	2.10E-06	7.16E-03	1.17E-02	7.15E-03	2.23E-05	0.00E+00	7.05E-07	3.10E-03	0.00E+00	0.00E+00	1.17E-02
623	CARTGRID	1	372500	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.17E-03	9.26E-03	1.44E-05	2.20E-04	2.39E-06	8.18E-03	1.33E-02	8.17E-03	2.53E-05	0.00E+00	7.87E-07	3.57E-03	0.00E+00	0.00E+00	1.33E-02
624	CARTGRID	1	372600	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-02	1.14E-02	1.77E-05	2.70E-04	2.86E-06	1.01E-02	1.62E-02	1.01E-02	2.86E-05	0.00E+00	8.89E-07	4.07E-03	0.00E+00	0.00E+00	1.62E-02
625	CARTGRID	1	372700	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-02	1.34E-02	2.09E-05	3.18E-04	3.32E-06	1.18E-02	1.90E-02	1.18E-02	3.24E-05	0.00E+00	1.00E-06	4.65E-03	0.00E+00	0.00E+00	1.90E-02
626	CARTGRID	1	372800	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-02	1.42E-02	2.21E-05	3.37E-04	3.66E-06	1.25E-02	2.02E-02	1.25E-02	3.82E-05	0.00E+00	1.21E-06	5.29E-03	0.00E+00	0.00E+00	2.02E-02
627	CARTGRID	1	372900	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-02	1.38E-02	2.15E-05	3.28E-04	3.70E-06	1.22E-02	1.98E-02	1.22E-02	4.22E-05	0.00E+00	1.31E-06	5.85E-03	0.00E+00	0.00E+00	1.98E-02
628	CARTGRID	1	373000	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.95E-03	1.13E-02	1.75E-05	2.68E-04	3.65E-06	9.96E-03	1.69E-02	9.95E-03	5.24E-05	0.00E+00	1.70E-06	6.76E-03	0.00E+00	0.00E+00	1.69E-02
629	CARTGRID	1	373100	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-02	1.26E-02	1.96E-05	2.99E-04	3.58E-06	1.11E-02	1.85E-02	1.11E-02	4.50E-05	0.00E+00	1.40E-06	6.20E-03	0.00E+00	0.00E+00	1.85E-02
630	CARTGRID	1	373200	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-02	1.48E-02	2.30E-05	3.53E-04	5.13E-06	1.31E-02	2.32E-02	1.31E-02	8.37E-05	0.00E+00	2.57E-06	1.10E-02	0.00E+00	0.00E+00	2.32E-02
631	CARTGRID	1	373300	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.54E-02	1.75E-02	2.71E-05	4.17E-04	7.31E-06	1.54E-02	2.82E-02	1.54E-02	1.40E-04	0.00E+00	4.29E-06	1.78E-02	0.00E+00	0.00E+00	2.82E-02
632	CARTGRID	1	373400	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.15E-02	2.43E-02	3.78E-05	5.77E-04	6.14E-06	2.15E-02	3.51E-02	2.15E-02	8.38E-05	0.00E+00	1.93E-06	1.39E-02	0.00E+00	0.00E+00	3.51E-02
633	CARTGRID	1	373500	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.80E-02	7.69E-02	1.20E-04	1.82E-03	1.51E-05	6.80E-02	1.04E-01	6.80E-02	1.39E-04	0.00E+00	1.78E-06	3.04E-02	0.00E+00	0.00E+00	1.04E-01
634	CARTGRID	1	373600	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.61E-02	4.09E-02	6.36E-05	9.70E-04	8.64E-06	3.62E-02	5.60E-02	3.61E-02	8.99E-05	0.00E+00	1.58E-06	1.76E-02	0.00E+00	0.00E+00	5.60E-02
635	CARTGRID	1	373700	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.21E-02	5.90E-02	9.17E-05	1.40E-03	1.30E-05	5.21E-02	8.14E-02	5.21E-02	1.07E-04	0.00E+00	2.81E-06	1.77E-02	0.00E+00	0.00E+00	8.14E-02
636	CARTGRID	1	373800	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-01	1.26E-01	1.96E-04	2.99E-03	2.43E-05	1.11E-01	1.70E-01	1.11E-01	1.35E-04	0.00E+00	2.59E-06	2.86E-02	0.00E+00	0.00E+00	1.70E-01

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
637	CARTGRID	1	373900	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.81E-01	6.57E-01	1.02E-03	1.56E-02	1.16E-04	5.81E-01	8.66E-01	5.81E-01	1.11E-04	0.00E+00	2.73E-06	4.93E-02	0.00E+00	0.00E+00	8.66E-01
638	CARTGRID	1	374000	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.81E-02	7.71E-02	1.20E-04	1.83E-03	1.49E-05	6.82E-02	1.04E-01	6.81E-02	5.82E-05	0.00E+00	1.59E-06	1.16E-02	0.00E+00	0.00E+00	1.04E-01
639	CARTGRID	1	374100	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.59E-02	4.06E-02	6.34E-05	9.63E-04	7.84E-06	3.60E-02	5.45E-02	3.59E-02	2.97E-05	0.00E+00	8.21E-07	5.99E-03	0.00E+00	0.00E+00	5.45E-02
640	CARTGRID	1	374200	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-02	2.51E-02	3.91E-05	5.95E-04	5.54E-06	2.22E-02	3.40E-02	2.22E-02	3.92E-05	0.00E+00	1.21E-06	5.99E-03	0.00E+00	0.00E+00	3.40E-02
641	CARTGRID	1	374300	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-02	1.53E-02	2.39E-05	3.63E-04	3.30E-06	1.36E-02	2.09E-02	1.35E-02	2.16E-05	0.00E+00	6.55E-07	3.44E-03	0.00E+00	0.00E+00	2.09E-02
642	CARTGRID	1	374400	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.63E-03	9.77E-03	1.52E-05	2.32E-04	2.26E-06	8.64E-03	1.36E-02	8.63E-03	1.86E-05	0.00E+00	5.70E-07	2.77E-03	0.00E+00	0.00E+00	1.36E-02
643	CARTGRID	1	374500	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.10E-03	6.91E-03	1.08E-05	1.64E-04	1.75E-06	6.11E-03	9.85E-03	6.10E-03	1.79E-05	0.00E+00	5.52E-07	2.53E-03	0.00E+00	0.00E+00	9.85E-03
644	CARTGRID	1	374600	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.95E-03	4.48E-03	6.97E-06	1.06E-04	1.24E-06	3.96E-03	6.53E-03	3.95E-03	1.51E-05	0.00E+00	4.66E-07	2.05E-03	0.00E+00	0.00E+00	6.53E-03
645	CARTGRID	1	374700	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.48E-03	3.94E-03	6.14E-06	9.38E-05	1.17E-06	3.49E-03	5.87E-03	3.48E-03	1.58E-05	0.00E+00	4.86E-07	2.11E-03	0.00E+00	0.00E+00	5.87E-03
646	CARTGRID	1	374800	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.19E-03	3.61E-03	5.61E-06	8.58E-05	1.11E-06	3.19E-03	5.43E-03	3.19E-03	1.59E-05	0.00E+00	4.88E-07	2.12E-03	0.00E+00	0.00E+00	5.43E-03
647	CARTGRID	1	374900	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.70E-03	4.20E-06	6.42E-05	8.94E-07	2.38E-03	4.13E-03	2.38E-03	1.38E-05	0.00E+00	4.28E-07	1.81E-03	0.00E+00	0.00E+00	4.13E-03
648	CARTGRID	1	375000	3763100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.68E-03	2.62E-06	4.01E-05	5.99E-07	1.49E-03	2.61E-03	1.49E-03	9.85E-06	0.00E+00	3.08E-07	1.27E-03	0.00E+00	0.00E+00	2.61E-03
649	CARTGRID	1	371500	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.11E-03	2.39E-03	3.72E-06	5.69E-05	6.97E-07	2.11E-03	3.60E-03	2.11E-03	9.00E-06	0.00E+00	2.84E-07	1.23E-03	0.00E+00	0.00E+00	3.60E-03
650	CARTGRID	1	371600	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.35E-03	2.67E-03	4.15E-06	6.34E-05	7.69E-07	2.36E-03	4.01E-03	2.35E-03	9.79E-06	0.00E+00	3.09E-07	1.34E-03	0.00E+00	0.00E+00	4.01E-03
651	CARTGRID	1	371700	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.64E-03	2.99E-03	4.65E-06	7.10E-05	8.52E-07	2.64E-03	4.48E-03	2.64E-03	1.06E-05	0.00E+00	3.35E-07	1.46E-03	0.00E+00	0.00E+00	4.48E-03
652	CARTGRID	1	371800	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.96E-03	3.36E-03	5.22E-06	7.98E-05	9.44E-07	2.97E-03	5.01E-03	2.96E-03	1.16E-05	0.00E+00	3.64E-07	1.58E-03	0.00E+00	0.00E+00	5.01E-03
653	CARTGRID	1	371900	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.34E-03	3.79E-03	5.89E-06	9.00E-05	1.05E-06	3.35E-03	5.62E-03	3.34E-03	1.26E-05	0.00E+00	3.96E-07	1.73E-03	0.00E+00	0.00E+00	5.62E-03
654	CARTGRID	1	372000	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.89E-03	4.41E-03	6.86E-06	1.05E-04	1.22E-06	3.90E-03	6.54E-03	3.89E-03	1.46E-05	0.00E+00	4.58E-07	2.01E-03	0.00E+00	0.00E+00	6.54E-03
655	CARTGRID	1	372100	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.55E-03	5.15E-03	8.02E-06	1.22E-04	1.42E-06	4.55E-03	7.61E-03	4.55E-03	1.68E-05	0.00E+00	5.25E-07	2.31E-03	0.00E+00	0.00E+00	7.61E-03
656	CARTGRID	1	372200	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.05E-03	5.72E-03	8.90E-06	1.36E-04	1.54E-06	5.05E-03	8.38E-03	5.05E-03	1.75E-05	0.00E+00	5.47E-07	2.41E-03	0.00E+00	0.00E+00	8.38E-03
657	CARTGRID	1	372300	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.82E-03	6.60E-03	1.03E-05	1.57E-04	1.74E-06	5.83E-03	9.60E-03	5.82E-03	1.91E-05	0.00E+00	5.99E-07	2.65E-03	0.00E+00	0.00E+00	9.60E-03
658	CARTGRID	1	372400	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.22E-03	8.18E-03	1.27E-05	1.94E-04	2.14E-06	7.23E-03	1.19E-02	7.22E-03	2.31E-05	0.00E+00	7.21E-07	3.22E-03	0.00E+00	0.00E+00	1.19E-02
659	CARTGRID	1	372500	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.40E-03	1.06E-02	1.66E-05	2.53E-04	2.71E-06	9.41E-03	1.53E-02	9.40E-03	2.76E-05	0.00E+00	8.70E-07	3.87E-03	0.00E+00	0.00E+00	1.53E-02
660	CARTGRID	1	372600	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-02	1.40E-02	2.18E-05	3.32E-04	3.36E-06	1.24E-02	1.97E-02	1.23E-02	2.94E-05	0.00E+00	9.42E-07	4.20E-03	0.00E+00	0.00E+00	1.97E-02
661	CARTGRID	1	372700	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-02	1.90E-02	2.97E-05	4.52E-04	4.46E-06	1.68E-02	2.66E-02	1.68E-02	3.65E-05	0.00E+00	1.17E-06	5.30E-03	0.00E+00	0.00E+00	2.66E-02
662	CARTGRID	1	372800	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.20E-02	2.50E-02	3.89E-05	5.92E-04	5.68E-06	2.21E-02	3.47E-02	2.20E-02	4.28E-05	0.00E+00	1.37E-06	6.31E-03	0.00E+00	0.00E+00	3.47E-02
663	CARTGRID	1	372900	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-02	2.25E-02	3.51E-05	5.36E-04	6.36E-06	1.99E-02	3.45E-02	1.99E-02	7.58E-05	0.00E+00	2.46E-06	9.88E-03	0.00E+00	0.00E+00	3.45E-02
664	CARTGRID	1	373000	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-02	1.83E-02	2.84E-05	4.34E-04	4.90E-06	1.61E-02	2.64E-02	1.61E-02	5.42E-05	0.00E+00	1.75E-06	7.32E-03	0.00E+00	0.00E+00	2.64E-02
665	CARTGRID	1	373100	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.41E-02	1.60E-02	2.49E-05	3.83E-04	7.48E-06	1.41E-02	2.67E-02	1.41E-02	1.44E-04	0.00E+00	4.72E-06	1.73E-02	0.00E+00	0.00E+00	2.67E-02
666	CARTGRID	1	373200	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.59E-02	1.81E-02	2.81E-05	4.30E-04	6.00E-06	1.60E-02	2.75E-02	1.59E-02	9.22E-05	0.00E+00	2.89E-06	1.21E-02	0.00E+00	0.00E+00	2.75E-02
667	CARTGRID	1	373300	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-02	2.16E-02	3.35E-05	5.14E-04	7.72E-06	1.91E-02	3.37E-02	1.90E-02	1.30E-04	0.00E+00	4.00E-06	1.69E-02	0.00E+00	0.00E+00	3.37E-02
668	CARTGRID	1	373400	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.90E-02	4.42E-02	6.87E-05	1.05E-03	1.14E-05	3.91E-02	6.38E-02	3.90E-02	1.37E-04	0.00E+00	3.74E-06	2.07E-02	0.00E+00	0.00E+00	6.38E-02
669	CARTGRID	1	373500	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.99E-02	5.65E-02	8.78E-05	1.34E-03	1.31E-05	5.00E-02	7.90E-02	4.99E-02	1.82E-04	0.00E+00	3.34E-06	3.35E-02	0.00E+00	0.00E+00	7.90E-02
670	CARTGRID	1	373600	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.39E-02	6.10E-02	9.47E-05	1.45E-03	1.23E-05	5.40E-02	8.27E-02	5.39E-02	7.21E-05	0.00E+00	1.74E-06	1.37E-02	0.00E+00	0.00E+00	8.27E-02
671	CARTGRID	1	373700	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-01	1.17E-01	1.81E-04	2.77E-03	2.15E-05	1.03E-01	1.55E-01	1.03E-01	5.37E-05	0.00E+00	1.38E-06	1.35E-02	0.00E+00	0.00E+00	1.55E-01
672	CARTGRID	1	373800	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E+00	1.33E+00	2.06E-03	3.14E-02	2.31E-04	1.18E+00	1.74E+00	1.17E+00	7.09E-05	0.00E+00	2.33E-06	7.51E-02	0.00E+00	0.00E+00	1.74E+00
673	CARTGRID	1	373900	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-01	1.95E-01	3.03E-04	4.62E-03	3.63E-05	1.72E-01	2.60E-01	1.72E-01	9.50E-05	0.00E+00	2.69E-06	2.22E-02	0.00E+00	0.00E+00	2.60E-01
674	CARTGRID	1	374000	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.19E-02	7.01E-02	1.09E-04	1.66E-03	1.36E-05	6.20E-02	9.51E-02	6.19E-02	5.83E-05	0.00E+00	1.55E-06	1.15E-02	0.00E+00	0.00E+00	9.51E-02
675	CARTGRID	1	374100	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.45E-02	3.90E-02	6.07E-05	9.24E-04	7.56E-06	3.45E-02	5.23E-02	3.44E-02	3.25E-05	0.00E+00	8.33E-07	6.56E-03	0.00E+00	0.00E+00	5.23E-02
676	CARTGRID	1	374200	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.40E-02	2.71E-02	4.23E-05	6.43E-04	5.21E-06	2.40E-02	3.64E-02	2.40E-02	2.03E-05	0.00E+00	5.18E-07	4.26E-03	0.00E+00	0.00E+00	3.64E-02
677	CARTGRID	1	374300	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.84E-02	2.08E-02	3.24E-05	4.93E-04	4.08E-06	1.84E-02	2.80E-02	1.84E-02	1.80E-05	0.00E+00	4.94E-07	3.48E-03	0.00E+00	0.00E+00	2.80E-02
678	CARTGRID	1	374400	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.40E-02	1.58E-02	2.47E-05	3.75E-04	3.26E-06	1.40E-02	2.15E-02	1.40E-02	1.82E-05	0.00E+00	5.29E-07	3.14E-03	0.00E+00	0.00E+00	2.15E-02
679	CARTGRID	1	374500	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-02	1.27E-02	1.97E-05	3.00E-04	2.74E-06	1.12E-02	1.74E-02	1.12E-02	1.85E-05	0.00E+00	5.49E-07	2.97E-03	0.00E+00	0.00E+00	1.74E-02
680	CARTGRID	1	374600	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.80E-03	7.69E-03	1.20E-05	1.83E-04	1.77E-06	6.80E-03	1.07E-02	6.80E-03	1.45E-05	0.00E+00	4.36E-07	2.20E-03	0.00E+00	0.00E+00	1.07E-02
681	CARTGRID	1	374700	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.45E-03	6.17E-03	9.60E-06	1.46E-04	1.51E-06	5.45E-03	8.73E-03	5.45E-03	1.46E-05	0.00E+00	4.42E-07	2.12E-03	0.00E+00	0.00E+00	8.73E-03
682	CARTGRID	1	374800	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.66E-03	5.27E-03	8.21E-06	1.25E-04	1.36E-06	4.66E-03	7.57E-03	4.66E-03	1.48E-05	0.00E+00	4.47E-07	2.10E-03	0.00E+00	0.00E+00	7.57E-03
683	CARTGRID	1	374900	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.02E-03	4.55E-03	7.08E-06	1.08E-04	1.22E-06	4.02E-03	6.60E-03	4.02E-03	1.46E-05	0.00E+00	4.39E-07	2.05E-03	0.00E+00	0.00E+00	6.60E-03
684	CARTGRID	1	375000	3763200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.92E-03	3.30E-03	5.14E-06	7.85E-05	9.57E-07	2.92E-03	4.87E-03	2.92E-03	1.27E-05	0.00E+00	3.87E-07	1.72E-03	0.00E+00	0.00E+00	4.87E-03
685	CARTGRID	1	371500	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.12E-03	2.40E-03	3.74E-06	5.72E-05	7.03E-07	2.12E-03	3.63E-03	2.12E-03	9.13E-06	0.00E+00	2.88E-07	1.24E-03	0.00E+00	0.00E+00	3.63E-03
686	CARTGRID	1	371600	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.69E-03	4.19E-06	6.41E-05	7.80E-07	2.38E-03	4.06E-03	2.38E-03	9.98E-06	0.00E+00	3.14E-07	1.36E-03	0.00E+00	0.00E+00	4.06E-03
687	CARTGRID	1	371700	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.68E-03	3.03E-03	4.72E-06	7.22E-05	8.67E-07	2.68E-03	4.56E-03	2.68E-03	1.09E-05	0.00E+00	3.43E-07	1.49E-03	0.00E+00	0.00E+00	4.56E-03
688	CARTGRID	1	371800	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.03E-03	3.44E-03	5.35E-06	8.17E-05	9.69E-07	3.04E-03	5.14E-03	3.03E-03	1.19E-05	0.00E+00	3.75E-07	1.63E-03	0.00E+00	0.00E+00	5.14E-03
689	CARTGRID	1	371900	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.46E-03	3.91E-03	6.09E-06	9.30E-05	1.09E-06	3.46E-03	5.83E-03	3.45E-03	1.30E-05	0.00E+00	4.11E-07	1.78E-03	0.00E+00	0.00E+00	5.83E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
690	CARTGRID	1	372000	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.96E-03	4.49E-03	6.98E-06	1.07E-04	1.23E-06	3.97E-03	6.65E-03	3.96E-03	1.44E-05	0.00E+00	4.53E-07	1.97E-03	0.00E+00	0.00E+00	6.65E-03
691	CARTGRID	1	372100	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.75E-03	5.38E-03	8.37E-06	1.28E-04	1.47E-06	4.75E-03	7.96E-03	4.75E-03	1.72E-05	0.00E+00	5.39E-07	2.35E-03	0.00E+00	0.00E+00	7.96E-03
692	CARTGRID	1	372200	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.68E-03	6.43E-03	1.00E-05	1.53E-04	1.74E-06	5.69E-03	9.48E-03	5.68E-03	2.00E-05	0.00E+00	6.28E-07	2.74E-03	0.00E+00	0.00E+00	9.48E-03
693	CARTGRID	1	372300	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.57E-03	7.44E-03	1.16E-05	1.77E-04	1.97E-06	6.57E-03	1.09E-02	6.56E-03	2.17E-05	0.00E+00	6.82E-07	2.98E-03	0.00E+00	0.00E+00	1.09E-02
694	CARTGRID	1	372400	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.85E-03	8.89E-03	1.38E-05	2.11E-04	2.30E-06	7.86E-03	1.29E-02	7.85E-03	2.41E-05	0.00E+00	7.59E-07	3.34E-03	0.00E+00	0.00E+00	1.29E-02
695	CARTGRID	1	372500	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.66E-03	1.09E-02	1.70E-05	2.60E-04	2.74E-06	9.67E-03	1.57E-02	9.66E-03	2.69E-05	0.00E+00	8.49E-07	3.77E-03	0.00E+00	0.00E+00	1.57E-02
696	CARTGRID	1	372600	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-02	1.63E-02	2.54E-05	3.88E-04	3.95E-06	1.44E-02	2.32E-02	1.44E-02	3.53E-05	0.00E+00	1.13E-06	4.99E-03	0.00E+00	0.00E+00	2.32E-02
697	CARTGRID	1	372700	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-02	2.51E-02	3.91E-05	5.96E-04	5.61E-06	2.22E-02	3.47E-02	2.22E-02	3.92E-05	0.00E+00	1.27E-06	5.82E-03	0.00E+00	0.00E+00	3.47E-02
698	CARTGRID	1	372800	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.47E-02	5.07E-02	7.89E-05	1.20E-03	1.13E-05	4.48E-02	6.94E-02	4.47E-02	7.87E-05	0.00E+00	2.58E-06	1.15E-02	0.00E+00	0.00E+00	6.94E-02
699	CARTGRID	1	372900	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.68E-02	8.69E-02	1.36E-04	2.06E-03	1.71E-05	7.68E-02	1.18E-01	7.67E-02	6.14E-05	0.00E+00	2.02E-06	1.14E-02	0.00E+00	0.00E+00	1.18E-01
700	CARTGRID	1	373000	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.57E-02	4.04E-02	6.29E-05	9.58E-04	9.15E-06	3.57E-02	5.65E-02	3.56E-02	6.68E-05	0.00E+00	2.17E-06	9.82E-03	0.00E+00	0.00E+00	5.65E-02
701	CARTGRID	1	373100	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.23E-02	2.53E-02	3.94E-05	6.01E-04	7.27E-06	2.23E-02	3.80E-02	2.23E-02	8.97E-05	0.00E+00	2.91E-06	1.17E-02	0.00E+00	0.00E+00	3.80E-02
702	CARTGRID	1	373200	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.08E-02	2.35E-02	3.66E-05	5.60E-04	7.81E-06	2.08E-02	3.61E-02	2.08E-02	1.16E-04	0.00E+00	3.75E-06	1.50E-02	0.00E+00	0.00E+00	3.61E-02
703	CARTGRID	1	373300	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-02	2.52E-02	3.91E-05	5.98E-04	7.50E-06	2.22E-02	3.67E-02	2.22E-02	1.01E-04	0.00E+00	3.16E-06	1.37E-02	0.00E+00	0.00E+00	3.67E-02
704	CARTGRID	1	373400	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-01	1.82E-01	2.83E-04	4.31E-03	3.55E-05	1.61E-01	2.43E-01	1.61E-01	1.33E-04	0.00E+00	4.13E-06	2.55E-02	0.00E+00	0.00E+00	2.43E-01
705	CARTGRID	1	373500	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.92E-02	1.01E-01	1.57E-04	2.40E-03	2.18E-05	8.93E-02	1.38E-01	8.92E-02	1.45E-04	0.00E+00	4.38E-06	2.31E-02	0.00E+00	0.00E+00	1.38E-01
706	CARTGRID	1	373600	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.09E-01	3.49E-01	5.42E-04	8.28E-03	6.34E-05	3.09E-01	4.62E-01	3.09E-01	1.08E-04	0.00E+00	3.26E-06	3.12E-02	0.00E+00	0.00E+00	4.62E-01
707	CARTGRID	1	373700	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.47E-01	2.80E-01	4.34E-04	6.62E-03	5.08E-05	2.47E-01	3.71E-01	2.47E-01	8.87E-05	0.00E+00	2.65E-06	2.52E-02	0.00E+00	0.00E+00	3.71E-01
708	CARTGRID	1	373800	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-01	1.51E-01	2.34E-04	3.57E-03	2.78E-05	1.34E-01	2.00E-01	1.33E-01	6.31E-05	0.00E+00	1.85E-06	1.56E-02	0.00E+00	0.00E+00	2.00E-01
709	CARTGRID	1	373900	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.94E-02	8.99E-02	1.39E-04	2.13E-03	1.82E-05	7.95E-02	1.23E-01	7.94E-02	8.89E-05	0.00E+00	2.72E-06	1.53E-02	0.00E+00	0.00E+00	1.23E-01
710	CARTGRID	1	374000	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.52E-02	5.12E-02	7.95E-05	1.21E-03	9.81E-06	4.52E-02	6.89E-02	4.52E-02	3.65E-05	0.00E+00	9.99E-07	7.51E-03	0.00E+00	0.00E+00	6.89E-02
711	CARTGRID	1	374100	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.24E-02	3.66E-02	5.70E-05	8.68E-04	6.95E-06	3.24E-02	4.91E-02	3.24E-02	2.51E-05	0.00E+00	6.28E-07	5.48E-03	0.00E+00	0.00E+00	4.91E-02
712	CARTGRID	1	374200	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.45E-02	2.77E-02	4.31E-05	6.56E-04	5.28E-06	2.45E-02	3.71E-02	2.45E-02	2.01E-05	0.00E+00	4.98E-07	4.33E-03	0.00E+00	0.00E+00	3.71E-02
713	CARTGRID	1	374300	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.98E-02	2.24E-02	3.48E-05	5.30E-04	4.29E-06	1.98E-02	3.00E-02	1.98E-02	1.69E-05	0.00E+00	4.34E-07	3.55E-03	0.00E+00	0.00E+00	3.00E-02
714	CARTGRID	1	374400	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-02	1.83E-02	2.84E-05	4.33E-04	3.58E-06	1.62E-02	2.46E-02	1.61E-02	1.59E-05	0.00E+00	4.29E-07	3.10E-03	0.00E+00	0.00E+00	2.46E-02
715	CARTGRID	1	374500	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-02	1.88E-02	2.93E-05	4.45E-04	3.79E-06	1.66E-02	2.55E-02	1.66E-02	1.94E-05	0.00E+00	5.42E-07	3.51E-03	0.00E+00	0.00E+00	2.55E-02
716	CARTGRID	1	374600	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.41E-03	1.06E-02	1.66E-05	2.52E-04	2.22E-06	9.42E-03	1.45E-02	9.41E-03	1.33E-05	0.00E+00	3.84E-07	2.26E-03	0.00E+00	0.00E+00	1.45E-02
717	CARTGRID	1	374700	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.50E-03	8.49E-03	1.32E-05	2.01E-04	1.85E-06	7.51E-03	1.17E-02	7.50E-03	1.31E-05	0.00E+00	3.88E-07	2.10E-03	0.00E+00	0.00E+00	1.17E-02
718	CARTGRID	1	374800	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.27E-03	7.10E-03	1.11E-05	1.68E-04	1.62E-06	6.28E-03	9.88E-03	6.27E-03	1.33E-05	0.00E+00	3.97E-07	2.03E-03	0.00E+00	0.00E+00	9.88E-03
719	CARTGRID	1	374900	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.58E-03	6.31E-03	9.83E-06	1.50E-04	1.50E-06	5.58E-03	8.88E-03	5.58E-03	1.39E-05	0.00E+00	4.12E-07	2.08E-03	0.00E+00	0.00E+00	8.88E-03
720	CARTGRID	1	375000	3763300	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.66E-03	5.27E-03	8.20E-06	1.25E-04	1.31E-06	4.66E-03	7.48E-03	4.66E-03	1.35E-05	0.00E+00	3.98E-07	1.98E-03	0.00E+00	0.00E+00	7.48E-03
721	CARTGRID	1	371500	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.12E-03	2.40E-03	3.74E-06	5.71E-05	7.06E-07	2.12E-03	3.64E-03	2.12E-03	9.22E-06	0.00E+00	2.91E-07	1.25E-03	0.00E+00	0.00E+00	3.64E-03
722	CARTGRID	1	371600	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.39E-03	2.70E-03	4.20E-06	6.43E-05	7.86E-07	2.39E-03	4.09E-03	2.39E-03	1.01E-05	0.00E+00	3.19E-07	1.37E-03	0.00E+00	0.00E+00	4.09E-03
723	CARTGRID	1	371700	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.70E-03	3.06E-03	4.76E-06	7.28E-05	8.80E-07	2.71E-03	4.62E-03	2.70E-03	1.11E-05	0.00E+00	3.51E-07	1.51E-03	0.00E+00	0.00E+00	4.62E-03
724	CARTGRID	1	371800	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.09E-03	3.50E-03	5.44E-06	8.31E-05	9.91E-07	3.09E-03	5.26E-03	3.09E-03	1.23E-05	0.00E+00	3.87E-07	1.67E-03	0.00E+00	0.00E+00	5.26E-03
725	CARTGRID	1	371900	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.55E-03	4.02E-03	6.25E-06	9.56E-05	1.12E-06	3.55E-03	6.02E-03	3.55E-03	1.36E-05	0.00E+00	4.28E-07	1.85E-03	0.00E+00	0.00E+00	6.02E-03
726	CARTGRID	1	372000	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.11E-03	4.66E-03	7.24E-06	1.11E-04	1.28E-06	4.12E-03	6.93E-03	4.11E-03	1.51E-05	0.00E+00	4.75E-07	2.05E-03	0.00E+00	0.00E+00	6.93E-03
727	CARTGRID	1	372100	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.83E-03	5.47E-03	8.50E-06	1.30E-04	1.48E-06	4.83E-03	8.10E-03	4.83E-03	1.70E-05	0.00E+00	5.35E-07	2.31E-03	0.00E+00	0.00E+00	8.10E-03
728	CARTGRID	1	372200	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.81E-03	6.58E-03	1.02E-05	1.56E-04	1.76E-06	5.82E-03	9.71E-03	5.81E-03	1.99E-05	0.00E+00	6.28E-07	2.72E-03	0.00E+00	0.00E+00	9.71E-03
729	CARTGRID	1	372300	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.33E-03	8.30E-03	1.29E-05	1.97E-04	2.22E-06	7.34E-03	1.22E-02	7.33E-03	2.47E-05	0.00E+00	7.83E-07	3.36E-03	0.00E+00	0.00E+00	1.22E-02
730	CARTGRID	1	372400	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.28E-03	1.05E-02	1.64E-05	2.50E-04	2.74E-06	9.29E-03	1.53E-02	9.28E-03	2.90E-05	0.00E+00	9.26E-07	3.95E-03	0.00E+00	0.00E+00	1.53E-02
731	CARTGRID	1	372500	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-02	1.26E-02	1.96E-05	2.98E-04	3.19E-06	1.11E-02	1.82E-02	1.11E-02	3.21E-05	0.00E+00	1.02E-06	4.42E-03	0.00E+00	0.00E+00	1.82E-02
732	CARTGRID	1	372600	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.50E-02	1.70E-02	2.64E-05	4.03E-04	4.18E-06	1.50E-02	2.45E-02	1.50E-02	3.91E-05	0.00E+00	1.25E-06	5.43E-03	0.00E+00	0.00E+00	2.45E-02
733	CARTGRID	1	372700	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.41E-02	2.73E-02	4.25E-05	6.48E-04	6.76E-06	2.41E-02	4.00E-02	2.41E-02	6.34E-05	0.00E+00	2.05E-06	8.67E-03	0.00E+00	0.00E+00	4.00E-02
734	CARTGRID	1	372800	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.11E-02	6.92E-02	1.08E-04	1.64E-03	1.37E-05	6.12E-02	9.42E-02	6.11E-02	5.51E-05	0.00E+00	1.80E-06	9.80E-03	0.00E+00	0.00E+00	9.42E-02
735	CARTGRID	1	372900	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.38E-01	4.96E-01	7.72E-04	1.17E-02	8.88E-05	4.38E-01	6.56E-01	4.38E-01	9.41E-05	0.00E+00	3.25E-06	3.52E-02	0.00E+00	0.00E+00	6.56E-01
736	CARTGRID	1	373000	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.72E-01	9.87E-01	1.54E-03	2.34E-02	1.75E-04	8.73E-01	1.30E+00	8.72E-01	1.12E-04	0.00E+00	4.01E-06	6.15E-02	0.00E+00	0.00E+00	1.30E+00
737	CARTGRID	1	373100	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-01	1.22E-01	1.90E-04	2.89E-03	2.50E-05	1.08E-01	1.66E-01	1.07E-01	1.22E-04	0.00E+00	3.98E-06	2.01E-02	0.00E+00	0.00E+00	1.66E-01
738	CARTGRID	1	373200	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.06E-02	4.60E-02	7.17E-05	1.09E-03	1.21E-05	4.07E-02	6.52E-02	4.06E-02	1.27E-04	0.00E+00	4.14E-06	1.72E-02	0.00E+00	0.00E+00	6.52E-02
739	CARTGRID	1	373300	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.19E-02	3.61E-02	5.61E-05	8.58E-04	1.05E-05	3.19E-02	5.28E-02	3.19E-02	1.30E-04	0.00E+00	4.31E-06	1.73E-02	0.00E+00	0.00E+00	5.28E-02
740	CARTGRID	1	373400	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.20E-02	4.76E-02	7.39E-05	1.13E-03	1.40E-05	4.20E-02	6.81E-02	4.20E-02	1.59E-04	0.00E+00	5.80E-06	2.19E-02	0.00E+00	0.00E+00	6.81E-02
741	CARTGRID	1	373500	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-01	1.37E-01	2.12E-04	3.24E-03	2.87E-05	1.21E-01	1.85E-01	1.21E-01	1.77E-04	0.00E+00	5.21E-06	3.01E-02	0.00E+00	0.00E+00	1.85E-01
742	CARTGRID	1	373600	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.43E-01	2.75E-01	4.28E-04	6.53E-03	5.12E-05	2.44E-01	3.66E-01	2.43E-01	1.29E-04	0.00E+00	3.78E-06	3.05E-02	0.00E+00	0.00E+00	3.66E-01

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
743	CARTGRID	1	373700	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-01	1.34E-01	2.08E-04	3.17E-03	2.67E-05	1.18E-01	1.80E-01	1.18E-01	1.19E-04	0.00E+00	3.67E-06	2.14E-02	0.00E+00	0.00E+00	1.80E-01
744	CARTGRID	1	373800	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.92E-02	8.96E-02	1.39E-04	2.12E-03	1.75E-05	7.92E-02	1.20E-01	7.91E-02	6.90E-05	0.00E+00	2.07E-06	1.31E-02	0.00E+00	0.00E+00	1.20E-01
745	CARTGRID	1	373900	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.64E-02	5.26E-02	8.16E-05	1.25E-03	1.07E-05	4.65E-02	7.10E-02	4.64E-02	5.27E-05	0.00E+00	1.60E-06	9.16E-03	0.00E+00	0.00E+00	7.10E-02
746	CARTGRID	1	374000	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.22E-02	3.64E-02	5.65E-05	8.63E-04	7.27E-06	3.22E-02	4.89E-02	3.22E-02	3.39E-05	0.00E+00	9.96E-07	6.19E-03	0.00E+00	0.00E+00	4.89E-02
747	CARTGRID	1	374100	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.75E-02	3.12E-02	4.84E-05	7.38E-04	6.19E-06	2.76E-02	4.18E-02	2.75E-02	2.88E-05	0.00E+00	8.20E-07	5.38E-03	0.00E+00	0.00E+00	4.18E-02
748	CARTGRID	1	374200	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.36E-02	2.66E-02	4.14E-05	6.31E-04	5.09E-06	2.36E-02	3.57E-02	2.35E-02	1.90E-05	0.00E+00	4.96E-07	4.05E-03	0.00E+00	0.00E+00	3.57E-02
749	CARTGRID	1	374300	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-02	2.28E-02	3.55E-05	5.41E-04	4.38E-06	2.02E-02	3.06E-02	2.02E-02	1.67E-05	0.00E+00	4.34E-07	3.55E-03	0.00E+00	0.00E+00	3.06E-02
750	CARTGRID	1	374400	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.76E-02	2.00E-02	3.11E-05	4.73E-04	3.88E-06	1.77E-02	2.68E-02	1.76E-02	1.61E-05	0.00E+00	4.28E-07	3.26E-03	0.00E+00	0.00E+00	2.68E-02
751	CARTGRID	1	374500	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-02	2.27E-02	3.53E-05	5.38E-04	4.46E-06	2.01E-02	3.06E-02	2.01E-02	2.01E-05	0.00E+00	5.41E-07	3.91E-03	0.00E+00	0.00E+00	3.06E-02
752	CARTGRID	1	374600	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-02	1.40E-02	2.17E-05	3.31E-04	2.81E-06	1.23E-02	1.89E-02	1.23E-02	1.41E-05	0.00E+00	3.96E-07	2.58E-03	0.00E+00	0.00E+00	1.89E-02
753	CARTGRID	1	374700	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.54E-03	1.08E-02	1.68E-05	2.56E-04	2.22E-06	9.55E-03	1.47E-02	9.54E-03	1.25E-05	0.00E+00	3.59E-07	2.18E-03	0.00E+00	0.00E+00	1.47E-02
754	CARTGRID	1	374800	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.17E-03	9.25E-03	1.44E-05	2.19E-04	1.96E-06	8.18E-03	1.27E-02	8.17E-03	1.26E-05	0.00E+00	3.67E-07	2.09E-03	0.00E+00	0.00E+00	1.27E-02
755	CARTGRID	1	374900	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.79E-03	7.68E-03	1.20E-05	1.82E-04	1.69E-06	6.80E-03	1.06E-02	6.79E-03	1.22E-05	0.00E+00	3.62E-07	1.95E-03	0.00E+00	0.00E+00	1.06E-02
756	CARTGRID	1	375000	3763400	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.78E-03	6.54E-03	1.02E-05	1.55E-04	1.49E-06	5.78E-03	9.09E-03	5.77E-03	1.22E-05	0.00E+00	3.61E-07	1.88E-03	0.00E+00	0.00E+00	9.09E-03
757	CARTGRID	1	371500	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.10E-03	2.38E-03	3.70E-06	5.66E-05	7.03E-07	2.10E-03	3.62E-03	2.10E-03	9.26E-06	0.00E+00	2.92E-07	1.25E-03	0.00E+00	0.00E+00	3.62E-03
758	CARTGRID	1	371600	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.37E-03	2.69E-03	4.18E-06	6.39E-05	7.86E-07	2.38E-03	4.08E-03	2.37E-03	1.02E-05	0.00E+00	3.22E-07	1.38E-03	0.00E+00	0.00E+00	4.08E-03
759	CARTGRID	1	371700	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.70E-03	3.06E-03	4.76E-06	7.28E-05	8.86E-07	2.71E-03	4.64E-03	2.70E-03	1.14E-05	0.00E+00	3.57E-07	1.54E-03	0.00E+00	0.00E+00	4.64E-03
760	CARTGRID	1	371800	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.11E-03	3.52E-03	5.48E-06	8.37E-05	1.01E-06	3.11E-03	5.32E-03	3.11E-03	1.26E-05	0.00E+00	3.97E-07	1.71E-03	0.00E+00	0.00E+00	5.32E-03
761	CARTGRID	1	371900	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.61E-03	4.08E-03	6.35E-06	9.71E-05	1.15E-06	3.61E-03	6.15E-03	3.60E-03	1.41E-05	0.00E+00	4.44E-07	1.91E-03	0.00E+00	0.00E+00	6.15E-03
762	CARTGRID	1	372000	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.21E-03	4.77E-03	7.42E-06	1.13E-04	1.32E-06	4.22E-03	7.15E-03	4.21E-03	1.58E-05	0.00E+00	4.97E-07	2.14E-03	0.00E+00	0.00E+00	7.15E-03
763	CARTGRID	1	372100	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.98E-03	5.63E-03	8.77E-06	1.34E-04	1.53E-06	4.98E-03	8.40E-03	4.97E-03	1.77E-05	0.00E+00	5.60E-07	2.41E-03	0.00E+00	0.00E+00	8.40E-03
764	CARTGRID	1	372200	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.99E-03	6.78E-03	1.05E-05	1.61E-04	1.81E-06	5.99E-03	1.01E-02	5.99E-03	2.03E-05	0.00E+00	6.44E-07	2.77E-03	0.00E+00	0.00E+00	1.01E-02
765	CARTGRID	1	372300	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.32E-03	8.29E-03	1.29E-05	1.97E-04	2.20E-06	7.33E-03	1.23E-02	7.32E-03	2.43E-05	0.00E+00	7.72E-07	3.29E-03	0.00E+00	0.00E+00	1.23E-02
766	CARTGRID	1	372400	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.81E-03	1.11E-02	1.73E-05	2.64E-04	3.07E-06	9.82E-03	1.66E-02	9.81E-03	3.57E-05	0.00E+00	1.15E-06	4.71E-03	0.00E+00	0.00E+00	1.66E-02
767	CARTGRID	1	372500	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-02	1.40E-02	2.19E-05	3.34E-04	3.68E-06	1.24E-02	2.06E-02	1.24E-02	3.91E-05	0.00E+00	1.26E-06	5.25E-03	0.00E+00	0.00E+00	2.06E-02
768	CARTGRID	1	372600	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-02	1.99E-02	3.09E-05	4.72E-04	5.19E-06	1.76E-02	2.90E-02	1.75E-02	5.43E-05	0.00E+00	1.76E-06	7.23E-03	0.00E+00	0.00E+00	2.90E-02
769	CARTGRID	1	372700	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.69E-02	3.05E-02	4.75E-05	7.25E-04	7.64E-06	2.70E-02	4.47E-02	2.69E-02	7.31E-05	0.00E+00	2.38E-06	9.87E-03	0.00E+00	0.00E+00	4.47E-02
770	CARTGRID	1	372800	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.48E-02	7.34E-02	1.14E-04	1.74E-03	1.52E-05	6.49E-02	1.01E-01	6.48E-02	7.72E-05	0.00E+00	2.53E-06	1.24E-02	0.00E+00	0.00E+00	1.01E-01
771	CARTGRID	1	372900	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.11E-01	3.52E-01	5.49E-04	8.35E-03	6.50E-05	3.12E-01	4.67E-01	3.11E-01	1.23E-04	0.00E+00	4.17E-06	3.13E-02	0.00E+00	0.00E+00	4.67E-01
772	CARTGRID	1	373000	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.20E-01	1.36E-01	2.13E-04	3.23E-03	2.67E-05	1.21E-01	1.83E-01	1.20E-01	9.58E-05	0.00E+00	3.16E-06	1.77E-02	0.00E+00	0.00E+00	1.83E-01
773	CARTGRID	1	373100	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.22E-01	1.04E+00	1.63E-03	2.47E-02	1.85E-04	9.22E-01	1.37E+00	9.21E-01	1.29E-04	0.00E+00	4.56E-06	6.63E-02	0.00E+00	0.00E+00	1.37E+00
774	CARTGRID	1	373200	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-01	1.66E-01	2.58E-04	3.93E-03	3.45E-05	1.46E-01	2.24E-01	1.46E-01	1.80E-04	0.00E+00	5.91E-06	2.87E-02	0.00E+00	0.00E+00	2.24E-01
775	CARTGRID	1	373300	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.50E-02	8.50E-02	1.32E-04	2.02E-03	2.59E-05	7.51E-02	1.17E-01	7.50E-02	3.41E-04	0.00E+00	1.13E-05	4.28E-02	0.00E+00	0.00E+00	1.17E-01
776	CARTGRID	1	373400	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.34E-02	8.31E-02	1.29E-04	1.98E-03	2.54E-05	7.35E-02	1.13E-01	7.34E-02	3.31E-04	0.00E+00	1.11E-05	4.22E-02	0.00E+00	0.00E+00	1.13E-01
777	CARTGRID	1	373500	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.71E-01	7.59E-01	1.18E-03	1.79E-02	1.40E-04	6.72E-01	1.00E+00	6.71E-01	2.17E-04	0.00E+00	9.63E-06	6.50E-02	0.00E+00	0.00E+00	1.00E+00
778	CARTGRID	1	373600	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-01	1.24E-01	1.93E-04	2.94E-03	2.54E-05	1.10E-01	1.66E-01	1.10E-01	1.28E-04	0.00E+00	3.98E-06	2.44E-02	0.00E+00	0.00E+00	1.66E-01
779	CARTGRID	1	373700	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.13E-02	9.20E-02	1.43E-04	2.18E-03	1.86E-05	8.14E-02	1.24E-01	8.13E-02	1.18E-04	0.00E+00	2.77E-06	2.36E-02	0.00E+00	0.00E+00	1.24E-01
780	CARTGRID	1	373800	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.99E-02	6.78E-02	1.05E-04	1.61E-03	1.55E-05	5.99E-02	9.20E-02	5.99E-02	1.26E-04	0.00E+00	3.86E-06	1.92E-02	0.00E+00	0.00E+00	9.20E-02
781	CARTGRID	1	373900	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.90E-02	4.41E-02	6.85E-05	1.05E-03	9.22E-06	3.90E-02	5.99E-02	3.90E-02	5.20E-05	0.00E+00	1.61E-06	8.75E-03	0.00E+00	0.00E+00	5.99E-02
782	CARTGRID	1	374000	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.73E-02	3.08E-02	4.79E-05	7.32E-04	6.52E-06	2.73E-02	4.18E-02	2.73E-02	3.85E-05	0.00E+00	1.20E-06	6.35E-03	0.00E+00	0.00E+00	4.18E-02
783	CARTGRID	1	374100	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-02	2.62E-02	4.07E-05	6.22E-04	5.27E-06	2.32E-02	3.52E-02	2.32E-02	2.51E-05	0.00E+00	7.52E-07	4.61E-03	0.00E+00	0.00E+00	3.52E-02
784	CARTGRID	1	374200	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.13E-02	2.41E-02	3.74E-05	5.70E-04	4.71E-06	2.13E-02	3.23E-02	2.13E-02	1.97E-05	0.00E+00	5.63E-07	3.89E-03	0.00E+00	0.00E+00	3.23E-02
785	CARTGRID	1	374300	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.05E-02	2.32E-02	3.61E-05	5.50E-04	4.53E-06	2.05E-02	3.12E-02	2.05E-02	1.87E-05	0.00E+00	5.22E-07	3.74E-03	0.00E+00	0.00E+00	3.12E-02
786	CARTGRID	1	374400	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.98E-02	2.24E-02	3.49E-05	5.31E-04	4.38E-06	1.98E-02	3.01E-02	1.98E-02	1.84E-05	0.00E+00	5.08E-07	3.65E-03	0.00E+00	0.00E+00	3.01E-02
787	CARTGRID	1	374500	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.97E-02	2.23E-02	3.46E-05	5.28E-04	4.36E-06	1.97E-02	3.00E-02	1.97E-02	1.87E-05	0.00E+00	5.14E-07	3.69E-03	0.00E+00	0.00E+00	3.00E-02
788	CARTGRID	1	374600	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.01E-02	3.13E-05	4.77E-04	3.97E-06	1.78E-02	2.71E-02	1.78E-02	1.82E-05	0.00E+00	4.96E-07	3.51E-03	0.00E+00	0.00E+00	2.71E-02
789	CARTGRID	1	374700	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-02	1.25E-02	1.94E-05	2.95E-04	2.50E-06	1.10E-02	1.68E-02	1.10E-02	1.22E-05	0.00E+00	3.46E-07	2.26E-03	0.00E+00	0.00E+00	1.68E-02
790	CARTGRID	1	374800	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.34E-03	1.06E-02	1.64E-05	2.50E-04	2.16E-06	9.35E-03	1.43E-02	9.33E-03	1.15E-05	0.00E+00	3.34E-07	2.06E-03	0.00E+00	0.00E+00	1.43E-02
791	CARTGRID	1	374900	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.15E-03	9.23E-03	1.44E-05	2.19E-04	1.93E-06	8.16E-03	1.26E-02	8.15E-03	1.15E-05	0.00E+00	3.36E-07	1.96E-03	0.00E+00	0.00E+00	1.26E-02
792	CARTGRID	1	375000	3763500	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.55E-03	8.54E-03	1.33E-05	2.03E-04	1.83E-06	7.55E-03	1.17E-02	7.55E-03	1.21E-05	0.00E+00	3.55E-07	2.00E-03	0.00E+00	0.00E+00	1.17E-02
793	CARTGRID	1	371500	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.06E-03	2.34E-03	3.64E-06	5.56E-05	6.95E-07	2.07E-03	3.56E-03	2.06E-03	9.24E-06	0.00E+00	2.91E-07	1.24E-03	0.00E+00	0.00E+00	3.56E-03
794	CARTGRID	1	371600	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.34E-03	2.65E-03	4.12E-06	6.30E-05	7.81E-07	2.34E-03	4.04E-03	2.34E-03	1.03E-05	0.00E+00	3.24E-07	1.39E-03	0.00E+00	0.00E+00	4.04E-03
795	CARTGRID	1	371700	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.68E-03	3.03E-03	4.72E-06	7.21E-05	8.85E-07	2.68E-03	4.62E-03	2.68E-03	1.15E-05	0.00E+00	3.61E-07	1.55E-03	0.00E+00	0.00E+00	4.62E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
796	CARTGRID	1	371800	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.10E-03	3.51E-03	5.46E-06	8.35E-05	1.01E-06	3.10E-03	5.34E-03	3.10E-03	1.30E-05	0.00E+00	4.07E-07	1.75E-03	0.00E+00	0.00E+00	5.34E-03
797	CARTGRID	1	371900	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.63E-03	4.11E-03	6.39E-06	9.77E-05	1.17E-06	3.63E-03	6.24E-03	3.63E-03	1.47E-05	0.00E+00	4.60E-07	1.98E-03	0.00E+00	0.00E+00	6.24E-03
798	CARTGRID	1	372000	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.30E-03	4.86E-03	7.57E-06	1.16E-04	1.37E-06	4.30E-03	7.36E-03	4.29E-03	1.67E-05	0.00E+00	5.25E-07	2.26E-03	0.00E+00	0.00E+00	7.36E-03
799	CARTGRID	1	372100	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.13E-03	5.81E-03	9.04E-06	1.38E-04	1.61E-06	5.14E-03	8.76E-03	5.13E-03	1.91E-05	0.00E+00	6.02E-07	2.58E-03	0.00E+00	0.00E+00	8.76E-03
800	CARTGRID	1	372200	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.35E-03	7.19E-03	1.12E-05	1.71E-04	1.96E-06	6.36E-03	1.08E-02	6.35E-03	2.27E-05	0.00E+00	7.16E-07	3.05E-03	0.00E+00	0.00E+00	1.08E-02
801	CARTGRID	1	372300	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.92E-03	8.97E-03	1.40E-05	2.13E-04	2.39E-06	7.93E-03	1.34E-02	7.92E-03	2.67E-05	0.00E+00	8.47E-07	3.59E-03	0.00E+00	0.00E+00	1.34E-02
802	CARTGRID	1	372400	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-02	1.21E-02	1.88E-05	2.88E-04	3.26E-06	1.07E-02	1.82E-02	1.07E-02	3.64E-05	0.00E+00	1.17E-06	4.83E-03	0.00E+00	0.00E+00	1.82E-02
803	CARTGRID	1	372500	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.37E-02	1.55E-02	2.42E-05	3.69E-04	4.37E-06	1.37E-02	2.40E-02	1.37E-02	5.21E-05	0.00E+00	1.69E-06	6.75E-03	0.00E+00	0.00E+00	2.40E-02
804	CARTGRID	1	372600	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-02	2.25E-02	3.51E-05	5.36E-04	5.60E-06	1.99E-02	3.27E-02	1.99E-02	5.25E-05	0.00E+00	1.70E-06	7.13E-03	0.00E+00	0.00E+00	3.27E-02
805	CARTGRID	1	372700	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.49E-02	3.95E-02	6.16E-05	9.39E-04	9.04E-06	3.50E-02	5.58E-02	3.49E-02	6.75E-05	0.00E+00	2.21E-06	9.63E-03	0.00E+00	0.00E+00	5.58E-02
806	CARTGRID	1	372800	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-01	1.63E-01	2.55E-04	3.87E-03	3.06E-05	1.44E-01	2.18E-01	1.44E-01	7.02E-05	0.00E+00	2.35E-06	1.60E-02	0.00E+00	0.00E+00	2.18E-01
807	CARTGRID	1	372900	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.00E-01	2.26E-01	3.52E-04	5.36E-03	4.14E-05	2.00E-01	3.00E-01	2.00E-01	6.87E-05	0.00E+00	2.32E-06	1.90E-02	0.00E+00	0.00E+00	3.00E-01
808	CARTGRID	1	373000	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.87E-02	1.00E-01	1.56E-04	2.38E-03	2.17E-05	8.88E-02	1.38E-01	8.87E-02	1.34E-04	0.00E+00	4.40E-06	2.01E-02	0.00E+00	0.00E+00	1.38E-01
809	CARTGRID	1	373100	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-01	1.26E-01	1.97E-04	2.99E-03	2.56E-05	1.12E-01	1.72E-01	1.11E-01	1.15E-04	0.00E+00	3.78E-06	1.94E-02	0.00E+00	0.00E+00	1.72E-01
810	CARTGRID	1	373200	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E+00	1.38E+00	2.16E-03	3.28E-02	2.44E-04	1.22E+00	1.82E+00	1.22E+00	1.38E-04	0.00E+00	4.95E-06	8.40E-02	0.00E+00	0.00E+00	1.82E+00
811	CARTGRID	1	373300	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.72E-01	3.08E-01	4.78E-04	7.29E-03	5.98E-05	2.72E-01	4.09E-01	2.72E-01	2.05E-04	0.00E+00	6.82E-06	3.85E-02	0.00E+00	0.00E+00	4.09E-01
812	CARTGRID	1	373400	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.18E-01	9.25E-01	1.44E-03	2.19E-02	1.70E-04	8.19E-01	1.22E+00	8.18E-01	3.34E-04	0.00E+00	1.12E-05	8.33E-02	0.00E+00	0.00E+00	1.22E+00
813	CARTGRID	1	373500	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-01	2.51E-01	3.90E-04	5.93E-03	4.98E-05	2.22E-01	3.31E-01	2.22E-01	1.99E-04	0.00E+00	6.65E-06	3.55E-02	0.00E+00	0.00E+00	3.31E-01
814	CARTGRID	1	373600	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.97E-02	1.02E-01	1.58E-04	2.40E-03	2.22E-05	8.98E-02	1.36E-01	8.97E-02	1.38E-04	0.00E+00	4.67E-06	2.21E-02	0.00E+00	0.00E+00	1.36E-01
815	CARTGRID	1	373700	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.83E-02	7.73E-02	1.20E-04	1.83E-03	1.62E-05	6.83E-02	1.04E-01	6.83E-02	1.05E-04	0.00E+00	2.87E-06	2.00E-02	0.00E+00	0.00E+00	1.04E-01
816	CARTGRID	1	373800	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.24E-02	5.93E-02	9.22E-05	1.41E-03	1.29E-05	5.25E-02	8.00E-02	5.24E-02	9.43E-05	0.00E+00	2.69E-06	1.64E-02	0.00E+00	0.00E+00	8.00E-02
817	CARTGRID	1	373900	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.76E-02	4.26E-02	6.62E-05	1.01E-03	9.87E-06	3.77E-02	5.78E-02	3.76E-02	8.03E-05	0.00E+00	2.53E-06	1.23E-02	0.00E+00	0.00E+00	5.78E-02
818	CARTGRID	1	374000	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.40E-02	2.71E-02	4.21E-05	6.43E-04	5.59E-06	2.40E-02	3.65E-02	2.40E-02	2.81E-05	0.00E+00	9.13E-07	5.09E-03	0.00E+00	0.00E+00	3.65E-02
819	CARTGRID	1	374100	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.03E-02	2.29E-02	3.56E-05	5.43E-04	4.68E-06	2.03E-02	3.08E-02	2.03E-02	2.30E-05	0.00E+00	7.30E-07	4.19E-03	0.00E+00	0.00E+00	3.08E-02
820	CARTGRID	1	374200	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-02	2.17E-02	3.36E-05	5.13E-04	4.35E-06	1.92E-02	2.91E-02	1.91E-02	2.00E-05	0.00E+00	6.19E-07	3.76E-03	0.00E+00	0.00E+00	2.91E-02
821	CARTGRID	1	374300	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.96E-02	2.22E-02	3.45E-05	5.26E-04	4.43E-06	1.96E-02	2.99E-02	1.96E-02	2.02E-05	0.00E+00	6.03E-07	3.82E-03	0.00E+00	0.00E+00	2.99E-02
822	CARTGRID	1	374400	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.16E-02	2.44E-02	3.79E-05	5.78E-04	4.82E-06	2.16E-02	3.28E-02	2.16E-02	2.11E-05	0.00E+00	6.04E-07	4.09E-03	0.00E+00	0.00E+00	3.28E-02
823	CARTGRID	1	374500	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.11E-02	2.39E-02	3.71E-05	5.65E-04	4.69E-06	2.11E-02	3.21E-02	2.11E-02	2.06E-05	0.00E+00	5.70E-07	4.04E-03	0.00E+00	0.00E+00	3.21E-02
824	CARTGRID	1	374600	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-02	2.15E-02	3.34E-05	5.09E-04	4.24E-06	1.90E-02	2.89E-02	1.90E-02	1.97E-05	0.00E+00	5.34E-07	3.84E-03	0.00E+00	0.00E+00	2.89E-02
825	CARTGRID	1	374700	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-02	1.40E-02	2.17E-05	3.31E-04	2.78E-06	1.24E-02	1.88E-02	1.23E-02	1.28E-05	0.00E+00	3.67E-07	2.43E-03	0.00E+00	0.00E+00	1.88E-02
826	CARTGRID	1	374800	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.06E-02	1.20E-02	1.87E-05	2.85E-04	2.42E-06	1.06E-02	1.63E-02	1.06E-02	1.17E-05	0.00E+00	3.39E-07	2.18E-03	0.00E+00	0.00E+00	1.63E-02
827	CARTGRID	1	374900	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.64E-03	1.09E-02	1.70E-05	2.59E-04	2.22E-06	9.65E-03	1.48E-02	9.64E-03	1.16E-05	0.00E+00	3.38E-07	2.08E-03	0.00E+00	0.00E+00	1.48E-02
828	CARTGRID	1	375000	3763600	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.01E-03	1.02E-02	1.59E-05	2.42E-04	2.11E-06	9.01E-03	1.39E-02	9.00E-03	1.19E-05	0.00E+00	3.48E-07	2.09E-03	0.00E+00	0.00E+00	1.39E-02
829	CARTGRID	1	371500	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-03	2.28E-03	3.54E-06	5.42E-05	6.81E-07	2.01E-03	3.48E-03	2.01E-03	9.15E-06	0.00E+00	2.88E-07	1.23E-03	0.00E+00	0.00E+00	3.48E-03
830	CARTGRID	1	371600	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.29E-03	2.59E-03	4.03E-06	6.16E-05	7.70E-07	2.29E-03	3.96E-03	2.29E-03	1.03E-05	0.00E+00	3.23E-07	1.38E-03	0.00E+00	0.00E+00	3.96E-03
831	CARTGRID	1	371700	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.63E-03	2.98E-03	4.64E-06	7.09E-05	8.80E-07	2.63E-03	4.56E-03	2.63E-03	1.17E-05	0.00E+00	3.65E-07	1.57E-03	0.00E+00	0.00E+00	4.56E-03
832	CARTGRID	1	371800	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.06E-03	3.46E-03	5.38E-06	8.23E-05	1.01E-06	3.06E-03	5.30E-03	3.06E-03	1.32E-05	0.00E+00	4.14E-07	1.78E-03	0.00E+00	0.00E+00	5.30E-03
833	CARTGRID	1	371900	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.61E-03	4.09E-03	6.36E-06	9.72E-05	1.18E-06	3.61E-03	6.27E-03	3.61E-03	1.52E-05	0.00E+00	4.77E-07	2.05E-03	0.00E+00	0.00E+00	6.27E-03
834	CARTGRID	1	372000	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.32E-03	4.90E-03	7.62E-06	1.16E-04	1.40E-06	4.33E-03	7.49E-03	4.32E-03	1.78E-05	0.00E+00	5.56E-07	2.38E-03	0.00E+00	0.00E+00	7.49E-03
835	CARTGRID	1	372100	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.24E-03	5.93E-03	9.23E-06	1.41E-04	1.69E-06	5.24E-03	9.09E-03	5.24E-03	2.11E-05	0.00E+00	6.62E-07	2.81E-03	0.00E+00	0.00E+00	9.09E-03
836	CARTGRID	1	372200	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.47E-03	7.33E-03	1.14E-05	1.74E-04	2.08E-06	6.48E-03	1.13E-02	6.47E-03	2.59E-05	0.00E+00	8.19E-07	3.43E-03	0.00E+00	0.00E+00	1.13E-02
837	CARTGRID	1	372300	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.18E-03	9.27E-03	1.44E-05	2.20E-04	2.56E-06	8.19E-03	1.47E-02	8.18E-03	3.02E-05	0.00E+00	9.63E-07	4.01E-03	0.00E+00	0.00E+00	1.47E-02
838	CARTGRID	1	372400	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-02	1.32E-02	2.05E-05	3.13E-04	3.48E-06	1.16E-02	1.96E-02	1.16E-02	3.74E-05	0.00E+00	1.20E-06	4.98E-03	0.00E+00	0.00E+00	1.96E-02
839	CARTGRID	1	372500	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.58E-02	1.79E-02	2.78E-05	4.25E-04	5.04E-06	1.58E-02	2.75E-02	1.58E-02	5.98E-05	0.00E+00	1.95E-06	7.69E-03	0.00E+00	0.00E+00	2.75E-02
840	CARTGRID	1	372600	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.31E-02	2.61E-02	4.07E-05	6.21E-04	6.86E-06	2.31E-02	3.89E-02	2.31E-02	7.19E-05	0.00E+00	2.35E-06	9.45E-03	0.00E+00	0.00E+00	3.89E-02
841	CARTGRID	1	372700	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.31E-02	6.01E-02	9.37E-05	1.43E-03	1.26E-05	5.32E-02	8.29E-02	5.31E-02	6.67E-05	0.00E+00	2.20E-06	1.05E-02	0.00E+00	0.00E+00	8.29E-02
842	CARTGRID	1	372800	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.15E-01	5.82E-01	9.08E-04	1.38E-02	1.04E-04	5.15E-01	7.70E-01	5.15E-01	1.00E-04	0.00E+00	3.49E-06	4.00E-02	0.00E+00	0.00E+00	7.70E-01
843	CARTGRID	1	372900	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.14E-01	1.29E-01	2.01E-04	3.06E-03	2.52E-05	1.14E-01	1.75E-01	1.14E-01	8.69E-05	0.00E+00	2.88E-06	1.62E-02	0.00E+00	0.00E+00	1.75E-01
844	CARTGRID	1	373000	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.58E-02	7.44E-02	1.16E-04	1.77E-03	1.56E-05	6.58E-02	1.02E-01	6.58E-02	8.36E-05	0.00E+00	2.74E-06	1.32E-02	0.00E+00	0.00E+00	1.02E-01
845	CARTGRID	1	373100	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.47E-02	6.20E-02	9.65E-05	1.47E-03	1.46E-05	5.48E-02	8.72E-02	5.47E-02	1.19E-04	0.00E+00	3.90E-06	1.65E-02	0.00E+00	0.00E+00	8.72E-02
846	CARTGRID	1	373200	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.51E-02	8.51E-02	1.33E-04	2.02E-03	1.80E-05	7.52E-02	1.17E-01	7.51E-02	9.97E-05	0.00E+00	3.27E-06	1.56E-02	0.00E+00	0.00E+00	1.17E-01
847	CARTGRID	1	373300	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-01	1.85E-01	2.87E-04	4.37E-03	3.83E-05	1.63E-01	2.49E-01	1.63E-01	1.93E-04	0.00E+00	6.40E-06	3.09E-02	0.00E+00	0.00E+00	2.49E-01
848	CARTGRID	1	373400	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-01	2.16E-01	3.37E-04	5.13E-03	4.20E-05	1.91E-01	2.88E-01	1.91E-01	1.42E-04	0.00E+00	4.71E-06	2.69E-02	0.00E+00	0.00E+00	2.88E-01

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
849	CARTGRID	1	373500	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-01	1.42E-01	2.21E-04	3.36E-03	2.78E-05	1.26E-01	1.88E-01	1.25E-01	1.01E-04	0.00E+00	3.31E-06	1.87E-02	0.00E+00	0.00E+00	1.88E-01
850	CARTGRID	1	373600	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.91E-02	1.01E-01	1.57E-04	2.39E-03	2.00E-05	8.92E-02	1.34E-01	8.91E-02	7.72E-05	0.00E+00	2.58E-06	1.42E-02	0.00E+00	0.00E+00	1.34E-01
851	CARTGRID	1	373700	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.74E-02	7.63E-02	1.19E-04	1.81E-03	1.55E-05	6.75E-02	1.02E-01	6.74E-02	7.19E-05	0.00E+00	2.37E-06	1.30E-02	0.00E+00	0.00E+00	1.02E-01
852	CARTGRID	1	373800	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.13E-02	5.80E-02	9.02E-05	1.37E-03	1.20E-05	5.13E-02	7.76E-02	5.12E-02	6.20E-05	0.00E+00	1.97E-06	1.14E-02	0.00E+00	0.00E+00	7.76E-02
853	CARTGRID	1	373900	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.84E-02	3.21E-02	4.99E-05	7.61E-04	6.73E-06	2.84E-02	4.32E-02	2.84E-02	3.38E-05	0.00E+00	1.19E-06	6.20E-03	0.00E+00	0.00E+00	4.32E-02
854	CARTGRID	1	374000	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-02	2.63E-02	4.08E-05	6.23E-04	5.51E-06	2.32E-02	3.54E-02	2.32E-02	2.84E-05	0.00E+00	9.80E-07	5.14E-03	0.00E+00	0.00E+00	3.54E-02
855	CARTGRID	1	374100	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-02	2.25E-02	3.50E-05	5.34E-04	4.67E-06	1.99E-02	3.03E-02	1.99E-02	2.31E-05	0.00E+00	7.84E-07	4.23E-03	0.00E+00	0.00E+00	3.03E-02
856	CARTGRID	1	374200	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.73E-02	1.96E-02	3.05E-05	4.65E-04	4.01E-06	1.73E-02	2.64E-02	1.73E-02	1.89E-05	0.00E+00	6.25E-07	3.52E-03	0.00E+00	0.00E+00	2.64E-02
857	CARTGRID	1	374300	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-02	1.85E-02	2.87E-05	4.38E-04	3.75E-06	1.64E-02	2.49E-02	1.63E-02	1.74E-05	0.00E+00	5.59E-07	3.26E-03	0.00E+00	0.00E+00	2.49E-02
858	CARTGRID	1	374400	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-02	1.95E-02	3.02E-05	4.61E-04	3.92E-06	1.72E-02	2.62E-02	1.72E-02	1.83E-05	0.00E+00	5.65E-07	3.42E-03	0.00E+00	0.00E+00	2.62E-02
859	CARTGRID	1	374500	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.98E-02	2.24E-02	3.48E-05	5.30E-04	4.45E-06	1.98E-02	3.01E-02	1.98E-02	2.04E-05	0.00E+00	5.94E-07	3.89E-03	0.00E+00	0.00E+00	3.01E-02
860	CARTGRID	1	374600	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.86E-02	2.11E-02	3.28E-05	4.99E-04	4.19E-06	1.86E-02	2.84E-02	1.86E-02	1.99E-05	0.00E+00	5.51E-07	3.85E-03	0.00E+00	0.00E+00	2.84E-02
861	CARTGRID	1	374700	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.38E-02	1.56E-02	2.43E-05	3.70E-04	3.11E-06	1.38E-02	2.10E-02	1.38E-02	1.42E-05	0.00E+00	4.18E-07	2.70E-03	0.00E+00	0.00E+00	2.10E-02
862	CARTGRID	1	374800	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-02	1.34E-02	2.08E-05	3.16E-04	2.67E-06	1.18E-02	1.80E-02	1.18E-02	1.25E-05	0.00E+00	3.68E-07	2.35E-03	0.00E+00	0.00E+00	1.80E-02
863	CARTGRID	1	374900	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.08E-02	1.22E-02	1.89E-05	2.89E-04	2.45E-06	1.08E-02	1.64E-02	1.08E-02	1.19E-05	0.00E+00	3.51E-07	2.20E-03	0.00E+00	0.00E+00	1.64E-02
864	CARTGRID	1	375000	3763700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-02	1.14E-02	1.77E-05	2.69E-04	2.31E-06	1.00E-02	1.54E-02	1.00E-02	1.19E-05	0.00E+00	3.48E-07	2.15E-03	0.00E+00	0.00E+00	1.54E-02
865	CARTGRID	1	371500	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-03	2.21E-03	3.44E-06	5.26E-05	6.64E-07	1.95E-03	3.38E-03	1.95E-03	8.99E-06	0.00E+00	2.82E-07	1.21E-03	0.00E+00	0.00E+00	3.38E-03
866	CARTGRID	1	371600	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-03	2.51E-03	3.91E-06	5.97E-05	7.53E-07	2.22E-03	3.85E-03	2.22E-03	1.02E-05	0.00E+00	3.19E-07	1.36E-03	0.00E+00	0.00E+00	3.85E-03
867	CARTGRID	1	371700	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.55E-03	2.89E-03	4.50E-06	6.88E-05	8.63E-07	2.55E-03	4.44E-03	2.55E-03	1.16E-05	0.00E+00	3.64E-07	1.56E-03	0.00E+00	0.00E+00	4.44E-03
868	CARTGRID	1	371800	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.98E-03	3.38E-03	5.25E-06	8.04E-05	1.00E-06	2.99E-03	5.21E-03	2.98E-03	1.34E-05	0.00E+00	4.20E-07	1.80E-03	0.00E+00	0.00E+00	5.21E-03
869	CARTGRID	1	371900	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.54E-03	4.01E-03	6.24E-06	9.54E-05	1.18E-06	3.55E-03	6.22E-03	3.54E-03	1.57E-05	0.00E+00	4.90E-07	2.10E-03	0.00E+00	0.00E+00	6.22E-03
870	CARTGRID	1	372000	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.28E-03	4.85E-03	7.54E-06	1.15E-04	1.43E-06	4.28E-03	7.53E-03	4.28E-03	1.89E-05	0.00E+00	5.88E-07	2.51E-03	0.00E+00	0.00E+00	7.53E-03
871	CARTGRID	1	372100	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.28E-03	5.98E-03	9.29E-06	1.42E-04	1.77E-06	5.28E-03	9.37E-03	5.28E-03	2.36E-05	0.00E+00	7.40E-07	3.12E-03	0.00E+00	0.00E+00	9.37E-03
872	CARTGRID	1	372200	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.62E-03	7.50E-03	1.17E-05	1.79E-04	2.33E-06	6.63E-03	1.21E-02	6.62E-03	3.26E-05	0.00E+00	1.03E-06	4.21E-03	0.00E+00	0.00E+00	1.21E-02
873	CARTGRID	1	372300	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.82E-03	1.00E-02	1.55E-05	2.39E-04	4.09E-06	8.83E-03	1.76E-02	8.82E-03	7.33E-05	0.00E+00	2.37E-06	8.83E-03	0.00E+00	0.00E+00	1.76E-02
874	CARTGRID	1	372400	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-02	1.40E-02	2.18E-05	3.34E-04	3.77E-06	1.24E-02	2.13E-02	1.24E-02	4.21E-05	0.00E+00	1.35E-06	5.58E-03	0.00E+00	0.00E+00	2.13E-02
875	CARTGRID	1	372500	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.88E-02	2.13E-02	3.32E-05	5.07E-04	4.98E-06	1.89E-02	3.06E-02	1.88E-02	3.99E-05	0.00E+00	1.29E-06	5.64E-03	0.00E+00	0.00E+00	3.06E-02
876	CARTGRID	1	372600	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.39E-02	3.84E-02	5.98E-05	9.11E-04	8.76E-06	3.39E-02	5.50E-02	3.39E-02	6.48E-05	0.00E+00	2.13E-06	9.21E-03	0.00E+00	0.00E+00	5.50E-02
877	CARTGRID	1	372700	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-01	1.39E-01	2.17E-04	3.30E-03	2.71E-05	1.23E-01	1.89E-01	1.23E-01	9.02E-05	0.00E+00	3.01E-06	1.70E-02	0.00E+00	0.00E+00	1.89E-01
878	CARTGRID	1	372800	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.20E-01	2.48E-01	3.87E-04	5.89E-03	4.69E-05	2.20E-01	3.32E-01	2.19E-01	1.19E-04	0.00E+00	4.02E-06	2.56E-02	0.00E+00	0.00E+00	3.32E-01
879	CARTGRID	1	372900	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.85E-02	8.89E-02	1.39E-04	2.11E-03	1.93E-05	7.86E-02	1.23E-01	7.85E-02	1.19E-04	0.00E+00	3.92E-06	1.77E-02	0.00E+00	0.00E+00	1.23E-01
880	CARTGRID	1	373000	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.19E-02	5.88E-02	9.15E-05	1.40E-03	1.55E-05	5.19E-02	8.44E-02	5.19E-02	1.64E-04	0.00E+00	5.40E-06	2.13E-02	0.00E+00	0.00E+00	8.44E-02
881	CARTGRID	1	373100	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.06E-02	4.60E-02	7.16E-05	1.09E-03	1.19E-05	4.06E-02	6.66E-02	4.06E-02	1.20E-04	0.00E+00	3.94E-06	1.58E-02	0.00E+00	0.00E+00	6.66E-02
882	CARTGRID	1	373200	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.12E-02	4.66E-02	7.26E-05	1.11E-03	1.09E-05	4.12E-02	6.59E-02	4.12E-02	8.68E-05	0.00E+00	2.84E-06	1.22E-02	0.00E+00	0.00E+00	6.59E-02
883	CARTGRID	1	373300	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.03E-02	5.69E-02	8.86E-05	1.35E-03	1.37E-05	5.03E-02	8.03E-02	5.03E-02	1.19E-04	0.00E+00	3.90E-06	1.62E-02	0.00E+00	0.00E+00	8.03E-02
884	CARTGRID	1	373400	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.86E-02	7.77E-02	1.21E-04	1.84E-03	1.60E-05	6.87E-02	1.05E-01	6.86E-02	7.95E-05	0.00E+00	2.60E-06	1.30E-02	0.00E+00	0.00E+00	1.05E-01
885	CARTGRID	1	373500	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.16E-02	8.10E-02	1.26E-04	1.92E-03	1.60E-05	7.16E-02	1.08E-01	7.16E-02	6.16E-05	0.00E+00	2.01E-06	1.11E-02	0.00E+00	0.00E+00	1.08E-01
886	CARTGRID	1	373600	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.13E-02	8.07E-02	1.26E-04	1.91E-03	1.58E-05	7.14E-02	1.07E-01	7.13E-02	5.59E-05	0.00E+00	1.83E-06	1.06E-02	0.00E+00	0.00E+00	1.07E-01
887	CARTGRID	1	373700	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.53E-02	7.39E-02	1.15E-04	1.75E-03	1.46E-05	6.53E-02	9.83E-02	6.53E-02	5.56E-05	0.00E+00	1.84E-06	1.04E-02	0.00E+00	0.00E+00	9.83E-02
888	CARTGRID	1	373800	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.40E-02	4.98E-02	7.74E-05	1.18E-03	9.95E-06	4.40E-02	6.64E-02	4.40E-02	3.81E-05	0.00E+00	1.36E-06	7.12E-03	0.00E+00	0.00E+00	6.64E-02
889	CARTGRID	1	373900	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.94E-02	3.32E-02	5.17E-05	7.87E-04	6.78E-06	2.94E-02	4.44E-02	2.94E-02	2.81E-05	0.00E+00	1.05E-06	5.23E-03	0.00E+00	0.00E+00	4.44E-02
890	CARTGRID	1	374000	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.54E-02	2.87E-02	4.47E-05	6.80E-04	5.92E-06	2.54E-02	3.85E-02	2.54E-02	2.69E-05	0.00E+00	9.69E-07	4.95E-03	0.00E+00	0.00E+00	3.85E-02
891	CARTGRID	1	374100	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-02	2.62E-02	4.08E-05	6.22E-04	5.43E-06	2.32E-02	3.53E-02	2.32E-02	2.62E-05	0.00E+00	9.02E-07	4.77E-03	0.00E+00	0.00E+00	3.53E-02
892	CARTGRID	1	374200	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.70E-02	1.92E-02	2.99E-05	4.56E-04	3.98E-06	1.70E-02	2.59E-02	1.70E-02	1.87E-05	0.00E+00	6.57E-07	3.46E-03	0.00E+00	0.00E+00	2.59E-02
893	CARTGRID	1	374300	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.56E-02	1.77E-02	2.75E-05	4.19E-04	3.63E-06	1.56E-02	2.38E-02	1.56E-02	1.70E-05	0.00E+00	5.81E-07	3.15E-03	0.00E+00	0.00E+00	2.38E-02
894	CARTGRID	1	374400	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-02	1.65E-02	2.57E-05	3.92E-04	3.37E-06	1.46E-02	2.23E-02	1.46E-02	1.57E-05	0.00E+00	5.22E-07	2.92E-03	0.00E+00	0.00E+00	2.23E-02
895	CARTGRID	1	374500	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.47E-02	1.67E-02	2.59E-05	3.95E-04	3.39E-06	1.48E-02	2.25E-02	1.47E-02	1.59E-05	0.00E+00	5.09E-07	2.95E-03	0.00E+00	0.00E+00	2.25E-02
896	CARTGRID	1	374600	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-02	2.06E-02	3.21E-05	4.89E-04	4.14E-06	1.82E-02	2.78E-02	1.82E-02	2.00E-05	0.00E+00	5.79E-07	3.80E-03	0.00E+00	0.00E+00	2.78E-02
897	CARTGRID	1	374700	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-02	1.89E-02	2.94E-05	4.48E-04	3.79E-06	1.67E-02	2.55E-02	1.67E-02	1.82E-05	0.00E+00	5.28E-07	3.46E-03	0.00E+00	0.00E+00	2.55E-02
898	CARTGRID	1	374800	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-02	1.47E-02	2.28E-05	3.48E-04	2.95E-06	1.30E-02	1.98E-02	1.30E-02	1.37E-05	0.00E+00	4.13E-07	2.58E-03	0.00E+00	0.00E+00	1.98E-02
899	CARTGRID	1	374900	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-02	1.24E-02	1.93E-05	2.94E-04	2.50E-06	1.10E-02	1.67E-02	1.10E-02	1.18E-05	0.00E+00	3.57E-07	2.20E-03	0.00E+00	0.00E+00	1.67E-02
900	CARTGRID	1	375000	3763800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-02	1.15E-02	1.79E-05	2.73E-04	2.33E-06	1.02E-02	1.56E-02	1.02E-02	1.13E-05	0.00E+00	3.41E-07	2.09E-03	0.00E+00	0.00E+00	1.56E-02
901	CARTGRID	1	371500	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.89E-03	2.14E-03	3.33E-06	5.09E-05	6.44E-07	1.89E-03	3.27E-03	1.89E-03	8.74E-06	0.00E+00	2.74E-07	1.17E-03	0.00E+00	0.00E+00	3.27E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
902	CARTGRID	1	371600	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.14E-03	2.43E-03	3.77E-06	5.77E-05	7.32E-07	2.14E-03	3.72E-03	2.14E-03	9.99E-06	0.00E+00	3.13E-07	1.34E-03	0.00E+00	0.00E+00	3.72E-03
903	CARTGRID	1	371700	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.46E-03	2.79E-03	4.34E-06	6.63E-05	8.42E-07	2.46E-03	4.30E-03	2.46E-03	1.16E-05	0.00E+00	3.61E-07	1.54E-03	0.00E+00	0.00E+00	4.30E-03
904	CARTGRID	1	371800	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.88E-03	3.26E-03	5.07E-06	7.75E-05	9.85E-07	2.88E-03	5.05E-03	2.88E-03	1.36E-05	0.00E+00	4.23E-07	1.80E-03	0.00E+00	0.00E+00	5.05E-03
905	CARTGRID	1	371900	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.43E-03	3.89E-03	6.05E-06	9.25E-05	1.18E-06	3.44E-03	6.08E-03	3.43E-03	1.63E-05	0.00E+00	5.08E-07	2.16E-03	0.00E+00	0.00E+00	6.08E-03
906	CARTGRID	1	372000	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.19E-03	4.75E-03	7.38E-06	1.13E-04	1.44E-06	4.20E-03	7.59E-03	4.19E-03	1.98E-05	0.00E+00	6.18E-07	2.63E-03	0.00E+00	0.00E+00	7.59E-03
907	CARTGRID	1	372100	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.33E-03	6.03E-03	9.38E-06	1.44E-04	1.87E-06	5.33E-03	9.65E-03	5.33E-03	2.64E-05	0.00E+00	8.25E-07	3.46E-03	0.00E+00	0.00E+00	9.65E-03
908	CARTGRID	1	372200	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.79E-03	7.70E-03	1.20E-05	1.84E-04	2.84E-06	6.80E-03	1.39E-02	6.79E-03	4.76E-05	0.00E+00	1.52E-06	5.93E-03	0.00E+00	0.00E+00	1.39E-02
909	CARTGRID	1	372300	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.88E-03	1.01E-02	1.56E-05	2.39E-04	3.28E-06	8.89E-03	1.74E-02	8.88E-03	4.89E-05	0.00E+00	1.55E-06	6.20E-03	0.00E+00	0.00E+00	1.74E-02
910	CARTGRID	1	372400	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-02	1.46E-02	2.27E-05	3.48E-04	4.50E-06	1.29E-02	2.37E-02	1.29E-02	6.17E-05	0.00E+00	1.98E-06	7.84E-03	0.00E+00	0.00E+00	2.37E-02
911	CARTGRID	1	372500	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.94E-02	2.20E-02	3.43E-05	5.24E-04	6.55E-06	1.95E-02	3.48E-02	1.94E-02	8.45E-05	0.00E+00	2.75E-06	1.07E-02	0.00E+00	0.00E+00	3.48E-02
912	CARTGRID	1	372600	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.97E-02	4.49E-02	7.00E-05	1.07E-03	1.01E-05	3.97E-02	6.46E-02	3.97E-02	7.29E-05	0.00E+00	2.39E-06	1.05E-02	0.00E+00	0.00E+00	6.46E-02
913	CARTGRID	1	372700	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.70E-01	6.45E-01	1.01E-03	1.53E-02	1.15E-04	5.71E-01	8.52E-01	5.70E-01	9.20E-05	0.00E+00	3.25E-06	4.22E-02	0.00E+00	0.00E+00	8.52E-01
914	CARTGRID	1	372800	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-01	1.37E-01	2.14E-04	3.25E-03	2.67E-05	1.21E-01	1.86E-01	1.21E-01	9.04E-05	0.00E+00	3.01E-06	1.69E-02	0.00E+00	0.00E+00	1.86E-01
915	CARTGRID	1	372900	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.80E-02	6.56E-02	1.02E-04	1.56E-03	1.35E-05	5.80E-02	9.17E-02	5.80E-02	6.61E-05	0.00E+00	2.17E-06	1.07E-02	0.00E+00	0.00E+00	9.17E-02
916	CARTGRID	1	373000	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.24E-02	4.80E-02	7.48E-05	1.14E-03	1.08E-05	4.25E-02	6.78E-02	4.24E-02	7.74E-05	0.00E+00	2.54E-06	1.11E-02	0.00E+00	0.00E+00	6.78E-02
917	CARTGRID	1	373100	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.38E-02	3.83E-02	5.96E-05	9.12E-04	1.22E-05	3.38E-02	5.71E-02	3.38E-02	1.68E-04	0.00E+00	5.54E-06	2.07E-02	0.00E+00	0.00E+00	5.71E-02
918	CARTGRID	1	373200	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.25E-02	3.68E-02	5.73E-05	8.73E-04	8.88E-06	3.25E-02	5.27E-02	3.25E-02	7.75E-05	0.00E+00	2.54E-06	1.06E-02	0.00E+00	0.00E+00	5.27E-02
919	CARTGRID	1	373300	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.32E-02	3.76E-02	5.86E-05	8.95E-04	1.03E-05	3.33E-02	5.31E-02	3.32E-02	1.17E-04	0.00E+00	3.85E-06	1.50E-02	0.00E+00	0.00E+00	5.31E-02
920	CARTGRID	1	373400	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.41E-02	3.86E-02	6.02E-05	9.16E-04	8.60E-06	3.41E-02	5.29E-02	3.41E-02	5.93E-05	0.00E+00	1.93E-06	8.70E-03	0.00E+00	0.00E+00	5.29E-02
921	CARTGRID	1	373500	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.94E-02	4.46E-02	6.95E-05	1.06E-03	9.09E-06	3.95E-02	6.02E-02	3.94E-02	4.25E-05	0.00E+00	1.38E-06	7.15E-03	0.00E+00	0.00E+00	6.02E-02
922	CARTGRID	1	373600	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.75E-02	5.38E-02	8.37E-05	1.27E-03	1.07E-05	4.76E-02	7.20E-02	4.75E-02	4.30E-05	0.00E+00	1.40E-06	7.70E-03	0.00E+00	0.00E+00	7.20E-02
923	CARTGRID	1	373700	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.20E-02	5.89E-02	9.17E-05	1.40E-03	1.16E-05	5.21E-02	7.86E-02	5.20E-02	4.36E-05	0.00E+00	1.43E-06	8.09E-03	0.00E+00	0.00E+00	7.86E-02
924	CARTGRID	1	373800	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.76E-02	4.25E-02	6.62E-05	1.01E-03	8.30E-06	3.76E-02	5.67E-02	3.76E-02	2.71E-05	0.00E+00	9.63E-07	5.31E-03	0.00E+00	0.00E+00	5.67E-02
925	CARTGRID	1	373900	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.04E-02	3.44E-02	5.36E-05	8.16E-04	6.82E-06	3.05E-02	4.60E-02	3.04E-02	2.37E-05	0.00E+00	8.78E-07	4.60E-03	0.00E+00	0.00E+00	4.60E-02
926	CARTGRID	1	374000	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.03E-02	3.43E-02	5.33E-05	8.12E-04	6.88E-06	3.03E-02	4.58E-02	3.03E-02	2.74E-05	0.00E+00	9.68E-07	5.14E-03	0.00E+00	0.00E+00	4.58E-02
927	CARTGRID	1	374100	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.58E-02	2.92E-02	4.55E-05	6.93E-04	5.93E-06	2.59E-02	3.92E-02	2.58E-02	2.55E-05	0.00E+00	8.90E-07	4.72E-03	0.00E+00	0.00E+00	3.92E-02
928	CARTGRID	1	374200	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.02E-02	3.13E-05	4.78E-04	4.13E-06	1.78E-02	2.70E-02	1.78E-02	1.78E-05	0.00E+00	6.51E-07	3.33E-03	0.00E+00	0.00E+00	2.70E-02
929	CARTGRID	1	374300	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.74E-02	1.97E-02	3.06E-05	4.67E-04	4.05E-06	1.74E-02	2.65E-02	1.74E-02	1.85E-05	0.00E+00	6.47E-07	3.39E-03	0.00E+00	0.00E+00	2.65E-02
930	CARTGRID	1	374400	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.88E-02	2.13E-02	3.31E-05	5.05E-04	4.35E-06	1.88E-02	2.87E-02	1.88E-02	2.07E-05	0.00E+00	6.78E-07	3.78E-03	0.00E+00	0.00E+00	2.87E-02
931	CARTGRID	1	374500	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.71E-02	1.93E-02	3.00E-05	4.58E-04	3.94E-06	1.71E-02	2.60E-02	1.71E-02	1.87E-05	0.00E+00	6.04E-07	3.43E-03	0.00E+00	0.00E+00	2.60E-02
932	CARTGRID	1	374600	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.77E-02	2.01E-02	3.12E-05	4.76E-04	4.06E-06	1.78E-02	2.70E-02	1.77E-02	1.98E-05	0.00E+00	5.92E-07	3.70E-03	0.00E+00	0.00E+00	2.70E-02
933	CARTGRID	1	374700	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-02	1.86E-02	2.89E-05	4.41E-04	3.75E-06	1.64E-02	2.50E-02	1.64E-02	1.81E-05	0.00E+00	5.46E-07	3.38E-03	0.00E+00	0.00E+00	2.50E-02
934	CARTGRID	1	374800	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-02	1.38E-02	2.14E-05	3.26E-04	2.78E-06	1.22E-02	1.85E-02	1.22E-02	1.30E-05	0.00E+00	4.09E-07	2.41E-03	0.00E+00	0.00E+00	1.85E-02
935	CARTGRID	1	374900	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-02	1.33E-02	2.07E-05	3.15E-04	2.69E-06	1.18E-02	1.79E-02	1.18E-02	1.26E-05	0.00E+00	3.91E-07	2.35E-03	0.00E+00	0.00E+00	1.79E-02
936	CARTGRID	1	375000	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.20E-02	1.35E-02	2.11E-05	3.21E-04	2.73E-06	1.20E-02	1.83E-02	1.20E-02	1.31E-05	0.00E+00	3.96E-07	2.44E-03	0.00E+00	0.00E+00	1.83E-02
937	CARTGRID	1	371500	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-03	2.06E-03	3.20E-06	4.89E-05	6.18E-07	1.82E-03	3.14E-03	1.81E-03	8.39E-06	0.00E+00	2.63E-07	1.13E-03	0.00E+00	0.00E+00	3.14E-03
938	CARTGRID	1	371600	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.06E-03	2.33E-03	3.62E-06	5.54E-05	7.05E-07	2.06E-03	3.57E-03	2.06E-03	9.67E-06	0.00E+00	3.03E-07	1.29E-03	0.00E+00	0.00E+00	3.57E-03
939	CARTGRID	1	371700	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.36E-03	2.67E-03	4.15E-06	6.35E-05	8.13E-07	2.36E-03	4.11E-03	2.35E-03	1.13E-05	0.00E+00	3.53E-07	1.50E-03	0.00E+00	0.00E+00	4.11E-03
940	CARTGRID	1	371800	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.75E-03	3.11E-03	4.84E-06	7.41E-05	9.58E-07	2.75E-03	4.84E-03	2.75E-03	1.35E-05	0.00E+00	4.21E-07	1.79E-03	0.00E+00	0.00E+00	4.84E-03
941	CARTGRID	1	371900	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.28E-03	3.72E-03	5.78E-06	8.85E-05	1.18E-06	3.29E-03	5.85E-03	3.28E-03	1.72E-05	0.00E+00	5.37E-07	2.26E-03	0.00E+00	0.00E+00	5.85E-03
942	CARTGRID	1	372000	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.05E-03	4.58E-03	7.13E-06	1.09E-04	1.49E-06	4.05E-03	7.37E-03	4.05E-03	2.23E-05	0.00E+00	6.96E-07	2.90E-03	0.00E+00	0.00E+00	7.37E-03
943	CARTGRID	1	372100	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.30E-03	6.01E-03	9.34E-06	1.43E-04	2.02E-06	5.31E-03	1.03E-02	5.30E-03	3.16E-05	0.00E+00	9.88E-07	4.05E-03	0.00E+00	0.00E+00	1.03E-02
944	CARTGRID	1	372200	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.15E-03	8.10E-03	1.26E-05	1.93E-04	2.95E-06	7.16E-03	1.36E-02	7.15E-03	4.94E-05	0.00E+00	1.56E-06	6.21E-03	0.00E+00	0.00E+00	1.36E-02
945	CARTGRID	1	372300	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.80E-03	1.11E-02	1.73E-05	2.64E-04	3.64E-06	9.81E-03	1.86E-02	9.80E-03	5.54E-05	0.00E+00	1.73E-06	7.14E-03	0.00E+00	0.00E+00	1.86E-02
946	CARTGRID	1	372400	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.38E-02	1.56E-02	2.43E-05	3.71E-04	4.65E-06	1.38E-02	2.49E-02	1.38E-02	6.28E-05	0.00E+00	1.96E-06	8.20E-03	0.00E+00	0.00E+00	2.49E-02
947	CARTGRID	1	372500	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.34E-02	2.64E-02	4.11E-05	6.28E-04	7.01E-06	2.34E-02	3.88E-02	2.34E-02	7.62E-05	0.00E+00	2.46E-06	1.01E-02	0.00E+00	0.00E+00	3.88E-02
948	CARTGRID	1	372600	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.27E-02	7.10E-02	1.10E-04	1.68E-03	1.49E-05	6.28E-02	9.80E-02	6.27E-02	8.19E-05	0.00E+00	2.69E-06	1.27E-02	0.00E+00	0.00E+00	9.80E-02
949	CARTGRID	1	372700	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.55E-01	4.02E-01	6.26E-04	9.52E-03	7.18E-05	3.56E-01	5.32E-01	3.55E-01	6.88E-05	0.00E+00	2.39E-06	2.76E-02	0.00E+00	0.00E+00	5.32E-01
950	CARTGRID	1	372800	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.22E-02	9.31E-02	1.45E-04	2.21E-03	1.98E-05	8.23E-02	1.29E-01	8.22E-02	1.12E-04	0.00E+00	3.70E-06	1.71E-02	0.00E+00	0.00E+00	1.29E-01
951	CARTGRID	1	372900	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.07E-02	5.74E-02	8.95E-05	1.36E-03	1.40E-05	5.08E-02	8.19E-02	5.07E-02	1.24E-04	0.00E+00	4.07E-06	1.67E-02	0.00E+00	0.00E+00	8.19E-02
952	CARTGRID	1	373000	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.59E-02	4.06E-02	6.33E-05	9.65E-04	9.38E-06	3.59E-02	5.94E-02	3.59E-02	7.19E-05	0.00E+00	2.36E-06	1.01E-02	0.00E+00	0.00E+00	5.94E-02
953	CARTGRID	1	373100	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.95E-02	3.34E-02	5.20E-05	7.93E-04	7.66E-06	2.95E-02	4.86E-02	2.95E-02	5.77E-05	0.00E+00	1.89E-06	8.19E-03	0.00E+00	0.00E+00	4.86E-02
954	CARTGRID	1	373200	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.74E-02	3.10E-02	4.83E-05	7.36E-04	7.15E-06	2.74E-02	4.40E-02	2.74E-02	5.51E-05	0.00E+00	1.80E-06	7.80E-03	0.00E+00	0.00E+00	4.40E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
955	CARTGRID	1	373300	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.53E-02	2.86E-02	4.45E-05	6.80E-04	7.45E-06	2.53E-02	4.02E-02	2.52E-02	7.67E-05	0.00E+00	2.52E-06	1.01E-02	0.00E+00	0.00E+00	4.02E-02
956	CARTGRID	1	373400	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.44E-02	2.76E-02	4.30E-05	6.56E-04	6.18E-06	2.44E-02	3.81E-02	2.44E-02	4.33E-05	0.00E+00	1.41E-06	6.33E-03	0.00E+00	0.00E+00	3.81E-02
957	CARTGRID	1	373500	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.60E-02	2.95E-02	4.59E-05	6.99E-04	6.24E-06	2.60E-02	4.02E-02	2.60E-02	3.55E-05	0.00E+00	1.15E-06	5.57E-03	0.00E+00	0.00E+00	4.02E-02
958	CARTGRID	1	373600	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.04E-02	3.44E-02	5.36E-05	8.16E-04	7.05E-06	3.04E-02	4.65E-02	3.04E-02	3.43E-05	0.00E+00	1.11E-06	5.71E-03	0.00E+00	0.00E+00	4.65E-02
959	CARTGRID	1	373700	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.58E-02	4.05E-02	6.31E-05	9.61E-04	8.10E-06	3.58E-02	5.44E-02	3.58E-02	3.38E-05	0.00E+00	1.10E-06	5.98E-03	0.00E+00	0.00E+00	5.44E-02
960	CARTGRID	1	373800	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.06E-02	3.46E-02	5.39E-05	8.21E-04	6.78E-06	3.06E-02	4.63E-02	3.06E-02	2.33E-05	0.00E+00	7.98E-07	4.45E-03	0.00E+00	0.00E+00	4.63E-02
961	CARTGRID	1	373900	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.72E-02	3.07E-02	4.78E-05	7.28E-04	6.02E-06	2.72E-02	4.10E-02	2.71E-02	1.99E-05	0.00E+00	7.16E-07	3.90E-03	0.00E+00	0.00E+00	4.10E-02
962	CARTGRID	1	374000	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.96E-02	3.35E-02	5.22E-05	7.95E-04	6.64E-06	2.97E-02	4.48E-02	2.96E-02	2.43E-05	0.00E+00	8.47E-07	4.63E-03	0.00E+00	0.00E+00	4.48E-02
963	CARTGRID	1	374100	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.65E-02	3.00E-02	4.67E-05	7.11E-04	5.98E-06	2.65E-02	4.01E-02	2.65E-02	2.31E-05	0.00E+00	8.09E-07	4.36E-03	0.00E+00	0.00E+00	4.01E-02
964	CARTGRID	1	374200	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-02	2.15E-02	3.35E-05	5.10E-04	4.33E-06	1.90E-02	2.88E-02	1.90E-02	1.67E-05	0.00E+00	6.18E-07	3.19E-03	0.00E+00	0.00E+00	2.88E-02
965	CARTGRID	1	374300	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.01E-02	3.13E-05	4.76E-04	4.08E-06	1.78E-02	2.70E-02	1.78E-02	1.68E-05	0.00E+00	6.08E-07	3.15E-03	0.00E+00	0.00E+00	2.70E-02
966	CARTGRID	1	374400	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-02	2.35E-02	3.65E-05	5.56E-04	4.76E-06	2.07E-02	3.15E-02	2.07E-02	2.17E-05	0.00E+00	7.14E-07	4.00E-03	0.00E+00	0.00E+00	3.15E-02
967	CARTGRID	1	374500	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-02	2.18E-02	3.39E-05	5.17E-04	4.42E-06	1.93E-02	2.93E-02	1.93E-02	2.09E-05	0.00E+00	6.54E-07	3.87E-03	0.00E+00	0.00E+00	2.93E-02
968	CARTGRID	1	374600	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-02	1.91E-02	2.97E-05	4.53E-04	3.87E-06	1.69E-02	2.57E-02	1.69E-02	1.86E-05	0.00E+00	5.73E-07	3.46E-03	0.00E+00	0.00E+00	2.57E-02
969	CARTGRID	1	374700	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-02	1.86E-02	2.89E-05	4.41E-04	3.77E-06	1.65E-02	2.50E-02	1.64E-02	1.80E-05	0.00E+00	5.58E-07	3.34E-03	0.00E+00	0.00E+00	2.50E-02
970	CARTGRID	1	374800	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-02	1.44E-02	2.23E-05	3.40E-04	2.92E-06	1.27E-02	1.93E-02	1.27E-02	1.36E-05	0.00E+00	4.39E-07	2.50E-03	0.00E+00	0.00E+00	1.93E-02
971	CARTGRID	1	374900	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.26E-02	1.42E-02	2.21E-05	3.37E-04	2.88E-06	1.26E-02	1.91E-02	1.26E-02	1.35E-05	0.00E+00	4.25E-07	2.50E-03	0.00E+00	0.00E+00	1.91E-02
972	CARTGRID	1	375000	3764000	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.20E-02	1.35E-02	2.11E-05	3.21E-04	2.74E-06	1.20E-02	1.83E-02	1.20E-02	1.30E-05	0.00E+00	4.02E-07	2.40E-03	0.00E+00	0.00E+00	1.83E-02
973	CARTGRID	1	371500	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-03	1.95E-03	3.03E-06	4.63E-05	5.84E-07	1.72E-03	2.97E-03	1.72E-03	7.91E-06	0.00E+00	2.48E-07	1.06E-03	0.00E+00	0.00E+00	2.97E-03
974	CARTGRID	1	371600	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-03	2.21E-03	3.43E-06	5.25E-05	6.69E-07	1.95E-03	3.37E-03	1.95E-03	9.22E-06	0.00E+00	2.88E-07	1.23E-03	0.00E+00	0.00E+00	3.37E-03
975	CARTGRID	1	371700	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.23E-03	2.52E-03	3.92E-06	6.00E-05	7.75E-07	2.23E-03	3.88E-03	2.23E-03	1.09E-05	0.00E+00	3.40E-07	1.44E-03	0.00E+00	0.00E+00	3.88E-03
976	CARTGRID	1	371800	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.59E-03	2.94E-03	4.57E-06	6.99E-05	9.17E-07	2.60E-03	4.56E-03	2.59E-03	1.32E-05	0.00E+00	4.10E-07	1.74E-03	0.00E+00	0.00E+00	4.56E-03
977	CARTGRID	1	371900	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.10E-03	3.52E-03	5.47E-06	8.37E-05	1.12E-06	3.11E-03	5.55E-03	3.10E-03	1.65E-05	0.00E+00	5.13E-07	2.16E-03	0.00E+00	0.00E+00	5.55E-03
978	CARTGRID	1	372000	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.84E-03	4.36E-03	6.77E-06	1.04E-04	1.45E-06	3.85E-03	6.99E-03	3.84E-03	2.25E-05	0.00E+00	7.01E-07	2.91E-03	0.00E+00	0.00E+00	6.99E-03
979	CARTGRID	1	372100	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.12E-03	5.81E-03	9.03E-06	1.38E-04	1.97E-06	5.13E-03	9.95E-03	5.12E-03	3.12E-05	0.00E+00	9.72E-07	4.01E-03	0.00E+00	0.00E+00	9.95E-03
980	CARTGRID	1	372200	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.02E-03	7.95E-03	1.24E-05	1.90E-04	2.88E-06	7.03E-03	1.39E-02	7.02E-03	4.81E-05	0.00E+00	1.51E-06	6.09E-03	0.00E+00	0.00E+00	1.39E-02
981	CARTGRID	1	372300	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.98E-03	1.13E-02	1.76E-05	2.69E-04	3.85E-06	1.00E-02	1.88E-02	9.98E-03	6.15E-05	0.00E+00	1.90E-06	7.93E-03	0.00E+00	0.00E+00	1.88E-02
982	CARTGRID	1	372400	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.51E-02	1.71E-02	2.66E-05	4.06E-04	4.69E-06	1.51E-02	2.70E-02	1.51E-02	6.07E-05	0.00E+00	1.75E-06	8.63E-03	0.00E+00	0.00E+00	2.70E-02
983	CARTGRID	1	372500	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.64E-02	2.98E-02	4.63E-05	7.08E-04	7.45E-06	2.64E-02	4.37E-02	2.63E-02	7.41E-05	0.00E+00	2.31E-06	1.03E-02	0.00E+00	0.00E+00	4.37E-02
984	CARTGRID	1	372600	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-01	1.98E-01	3.06E-04	4.68E-03	3.63E-05	1.75E-01	2.63E-01	1.75E-01	6.88E-05	0.00E+00	2.30E-06	1.75E-02	0.00E+00	0.00E+00	2.63E-01
985	CARTGRID	1	372700	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-01	1.46E-01	2.27E-04	3.47E-03	2.82E-05	1.29E-01	1.97E-01	1.29E-01	9.04E-05	0.00E+00	2.99E-06	1.74E-02	0.00E+00	0.00E+00	1.97E-01
986	CARTGRID	1	372800	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.62E-02	7.49E-02	1.17E-04	1.78E-03	1.64E-05	6.62E-02	1.05E-01	6.61E-02	1.05E-04	0.00E+00	3.45E-06	1.55E-02	0.00E+00	0.00E+00	1.05E-01
987	CARTGRID	1	372900	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.38E-02	4.96E-02	7.72E-05	1.18E-03	1.21E-05	4.39E-02	7.13E-02	4.38E-02	1.07E-04	0.00E+00	3.52E-06	1.45E-02	0.00E+00	0.00E+00	7.13E-02
988	CARTGRID	1	373000	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.35E-02	3.79E-02	5.90E-05	8.99E-04	8.73E-06	3.35E-02	5.41E-02	3.35E-02	6.69E-05	0.00E+00	2.19E-06	9.42E-03	0.00E+00	0.00E+00	5.41E-02
989	CARTGRID	1	373100	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.67E-02	3.02E-02	4.70E-05	7.16E-04	6.89E-06	2.67E-02	4.33E-02	2.67E-02	5.12E-05	0.00E+00	1.68E-06	7.30E-03	0.00E+00	0.00E+00	4.33E-02
990	CARTGRID	1	373200	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.40E-02	2.72E-02	4.23E-05	6.45E-04	6.25E-06	2.40E-02	3.93E-02	2.40E-02	4.76E-05	0.00E+00	1.55E-06	6.76E-03	0.00E+00	0.00E+00	3.93E-02
991	CARTGRID	1	373300	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.25E-02	2.54E-02	3.96E-05	6.04E-04	6.16E-06	2.25E-02	3.57E-02	2.25E-02	5.41E-05	0.00E+00	1.77E-06	7.40E-03	0.00E+00	0.00E+00	3.57E-02
992	CARTGRID	1	373400	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-02	2.34E-02	3.65E-05	5.55E-04	5.09E-06	2.07E-02	3.23E-02	2.07E-02	3.22E-05	0.00E+00	1.04E-06	4.87E-03	0.00E+00	0.00E+00	3.23E-02
993	CARTGRID	1	373500	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-02	2.34E-02	3.65E-05	5.56E-04	5.01E-06	2.07E-02	3.22E-02	2.07E-02	2.98E-05	0.00E+00	9.64E-07	4.62E-03	0.00E+00	0.00E+00	3.22E-02
994	CARTGRID	1	373600	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.33E-02	2.64E-02	4.11E-05	6.26E-04	5.53E-06	2.33E-02	3.59E-02	2.33E-02	3.02E-05	0.00E+00	9.74E-07	4.83E-03	0.00E+00	0.00E+00	3.59E-02
995	CARTGRID	1	373700	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-02	2.58E-02	4.02E-05	6.12E-04	5.19E-06	2.28E-02	3.48E-02	2.28E-02	2.22E-05	0.00E+00	7.33E-07	3.87E-03	0.00E+00	0.00E+00	3.48E-02
996	CARTGRID	1	373800	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.96E-02	2.22E-02	3.46E-05	5.27E-04	4.41E-06	1.97E-02	2.99E-02	1.96E-02	1.66E-05	0.00E+00	5.72E-07	3.05E-03	0.00E+00	0.00E+00	2.99E-02
997	CARTGRID	1	373900	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.16E-02	2.45E-02	3.81E-05	5.80E-04	4.82E-06	2.16E-02	3.28E-02	2.16E-02	1.71E-05	0.00E+00	5.98E-07	3.24E-03	0.00E+00	0.00E+00	3.28E-02
998	CARTGRID	1	374000	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.21E-02	2.50E-02	3.89E-05	5.93E-04	4.93E-06	2.21E-02	3.35E-02	2.21E-02	1.71E-05	0.00E+00	6.10E-07	3.29E-03	0.00E+00	0.00E+00	3.35E-02
999	CARTGRID	1	374100	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-02	2.63E-02	4.09E-05	6.23E-04	5.20E-06	2.33E-02	3.52E-02	2.32E-02	1.89E-05	0.00E+00	6.66E-07	3.60E-03	0.00E+00	0.00E+00	3.52E-02
1000	CARTGRID	1	374200	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.88E-02	2.13E-02	3.31E-05	5.04E-04	4.23E-06	1.88E-02	2.85E-02	1.88E-02	1.51E-05	0.00E+00	5.57E-07	2.93E-03	0.00E+00	0.00E+00	2.85E-02
1001	CARTGRID	1	374300	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-02	2.07E-02	3.22E-05	4.90E-04	4.14E-06	1.83E-02	2.77E-02	1.83E-02	1.57E-05	0.00E+00	5.70E-07	2.99E-03	0.00E+00	0.00E+00	2.77E-02
1002	CARTGRID	1	374400	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-02	2.16E-02	3.37E-05	5.13E-04	4.36E-06	1.91E-02	2.90E-02	1.91E-02	1.80E-05	0.00E+00	6.22E-07	3.36E-03	0.00E+00	0.00E+00	2.90E-02
1003	CARTGRID	1	374500	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-02	2.18E-02	3.39E-05	5.17E-04	4.41E-06	1.93E-02	2.93E-02	1.93E-02	1.95E-05	0.00E+00	6.43E-07	3.61E-03	0.00E+00	0.00E+00	2.93E-02
1004	CARTGRID	1	374600	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.01E-02	3.13E-05	4.77E-04	4.07E-06	1.78E-02	2.71E-02	1.78E-02	1.86E-05	0.00E+00	5.94E-07	3.46E-03	0.00E+00	0.00E+00	2.71E-02
1005	CARTGRID	1	374700	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.58E-02	1.78E-02	2.77E-05	4.23E-04	3.61E-06	1.58E-02	2.40E-02	1.58E-02	1.69E-05	0.00E+00	5.29E-07	3.14E-03	0.00E+00	0.00E+00	2.40E-02
1006	CARTGRID	1	374800	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.47E-02	1.67E-02	2.59E-05	3.95E-04	3.38E-06	1.48E-02	2.25E-02	1.47E-02	1.56E-05	0.00E+00	5.01E-07	2.89E-03	0.00E+00	0.00E+00	2.25E-02
1007	CARTGRID	1	374900	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-02	1.54E-02	2.40E-05	3.66E-04	3.13E-06	1.37E-02	2.08E-02	1.36E-02	1.46E-05	0.00E+00	4.63E-07	2.70E-03	0.00E+00	0.00E+00	2.08E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1008	CARTGRID	1	375000	3764100	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-02	1.46E-02	2.28E-05	3.47E-04	2.97E-06	1.30E-02	1.97E-02	1.29E-02	1.42E-05	0.00E+00	4.41E-07	2.63E-03	0.00E+00	0.00E+00	1.97E-02
1009	CARTGRID	1	371500	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-03	1.83E-03	2.84E-06	4.34E-05	5.47E-07	1.61E-03	2.77E-03	1.61E-03	7.38E-06	0.00E+00	2.31E-07	9.92E-04	0.00E+00	0.00E+00	2.77E-03
1010	CARTGRID	1	371600	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-03	2.06E-03	3.20E-06	4.89E-05	6.25E-07	1.82E-03	3.13E-03	1.82E-03	8.64E-06	0.00E+00	2.70E-07	1.15E-03	0.00E+00	0.00E+00	3.13E-03
1011	CARTGRID	1	371700	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-03	2.35E-03	3.65E-06	5.58E-05	7.29E-07	2.07E-03	3.60E-03	2.07E-03	1.04E-05	0.00E+00	3.24E-07	1.37E-03	0.00E+00	0.00E+00	3.60E-03
1012	CARTGRID	1	371800	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.41E-03	2.73E-03	4.24E-06	6.49E-05	8.75E-07	2.41E-03	4.23E-03	2.41E-03	1.29E-05	0.00E+00	4.05E-07	1.69E-03	0.00E+00	0.00E+00	4.23E-03
1013	CARTGRID	1	371900	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.87E-03	3.25E-03	5.06E-06	7.74E-05	1.10E-06	2.87E-03	5.16E-03	2.87E-03	1.71E-05	0.00E+00	5.36E-07	2.21E-03	0.00E+00	0.00E+00	5.16E-03
1014	CARTGRID	1	372000	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.55E-03	4.03E-03	6.26E-06	9.60E-05	1.57E-06	3.56E-03	7.25E-03	3.55E-03	2.78E-05	0.00E+00	8.79E-07	3.47E-03	0.00E+00	0.00E+00	7.25E-03
1015	CARTGRID	1	372100	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.65E-03	5.27E-03	8.20E-06	1.26E-04	1.79E-06	4.66E-03	9.00E-03	4.65E-03	2.83E-05	0.00E+00	8.80E-07	3.65E-03	0.00E+00	0.00E+00	9.00E-03
1016	CARTGRID	1	372200	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.71E-03	7.61E-03	1.18E-05	1.82E-04	3.66E-06	6.72E-03	1.48E-02	6.71E-03	7.36E-05	0.00E+00	2.35E-06	8.89E-03	0.00E+00	0.00E+00	1.48E-02
1017	CARTGRID	1	372300	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-02	1.25E-02	1.94E-05	2.97E-04	4.43E-06	1.10E-02	2.09E-02	1.10E-02	7.29E-05	0.00E+00	2.28E-06	9.23E-03	0.00E+00	0.00E+00	2.09E-02
1018	CARTGRID	1	372400	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.04E-02	2.31E-02	3.59E-05	5.49E-04	6.74E-06	2.04E-02	3.50E-02	2.04E-02	9.09E-05	0.00E+00	2.75E-06	1.22E-02	0.00E+00	0.00E+00	3.50E-02
1019	CARTGRID	1	372500	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.57E-02	4.04E-02	6.29E-05	9.59E-04	9.41E-06	3.58E-02	5.86E-02	3.57E-02	8.90E-05	0.00E+00	2.44E-06	1.39E-02	0.00E+00	0.00E+00	5.86E-02
1020	CARTGRID	1	372600	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-01	1.37E-01	2.13E-04	3.25E-03	2.58E-05	1.21E-01	1.84E-01	1.21E-01	7.47E-05	0.00E+00	2.23E-06	1.62E-02	0.00E+00	0.00E+00	1.84E-01
1021	CARTGRID	1	372700	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-01	1.62E-01	2.52E-04	3.85E-03	3.02E-05	1.44E-01	2.17E-01	1.44E-01	7.07E-05	0.00E+00	2.28E-06	1.63E-02	0.00E+00	0.00E+00	2.17E-01
1022	CARTGRID	1	372800	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.82E-02	6.58E-02	1.02E-04	1.56E-03	1.40E-05	5.82E-02	9.12E-02	5.81E-02	8.36E-05	0.00E+00	2.71E-06	1.28E-02	0.00E+00	0.00E+00	9.12E-02
1023	CARTGRID	1	372900	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.90E-02	4.41E-02	6.86E-05	1.05E-03	9.84E-06	3.90E-02	6.22E-02	3.90E-02	6.89E-05	0.00E+00	2.25E-06	1.00E-02	0.00E+00	0.00E+00	6.22E-02
1024	CARTGRID	1	373000	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.03E-02	3.43E-02	5.33E-05	8.13E-04	7.38E-06	3.03E-02	4.80E-02	3.03E-02	4.53E-05	0.00E+00	1.47E-06	6.88E-03	0.00E+00	0.00E+00	4.80E-02
1025	CARTGRID	1	373100	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.53E-02	2.86E-02	4.45E-05	6.79E-04	6.66E-06	2.53E-02	4.23E-02	2.53E-02	5.28E-05	0.00E+00	1.72E-06	7.39E-03	0.00E+00	0.00E+00	4.23E-02
1026	CARTGRID	1	373200	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.19E-02	2.47E-02	3.85E-05	5.87E-04	5.50E-06	2.19E-02	3.55E-02	2.19E-02	3.77E-05	0.00E+00	1.23E-06	5.53E-03	0.00E+00	0.00E+00	3.55E-02
1027	CARTGRID	1	373300	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-02	2.28E-02	3.55E-05	5.42E-04	4.91E-06	2.02E-02	3.19E-02	2.02E-02	2.98E-05	0.00E+00	9.65E-07	4.56E-03	0.00E+00	0.00E+00	3.19E-02
1028	CARTGRID	1	373400	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-02	2.07E-02	3.23E-05	4.92E-04	4.42E-06	1.83E-02	2.87E-02	1.83E-02	2.60E-05	0.00E+00	8.39E-07	4.03E-03	0.00E+00	0.00E+00	2.87E-02
1029	CARTGRID	1	373500	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-02	2.07E-02	3.23E-05	4.92E-04	4.41E-06	1.83E-02	2.86E-02	1.83E-02	2.58E-05	0.00E+00	8.31E-07	4.02E-03	0.00E+00	0.00E+00	2.86E-02
1030	CARTGRID	1	373600	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.92E-02	2.18E-02	3.39E-05	5.16E-04	4.58E-06	1.92E-02	2.98E-02	1.92E-02	2.56E-05	0.00E+00	8.24E-07	4.06E-03	0.00E+00	0.00E+00	2.98E-02
1031	CARTGRID	1	373700	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-02	2.15E-02	3.34E-05	5.09E-04	4.35E-06	1.90E-02	2.91E-02	1.90E-02	1.97E-05	0.00E+00	6.47E-07	3.36E-03	0.00E+00	0.00E+00	2.91E-02
1032	CARTGRID	1	373800	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.51E-02	1.70E-02	2.66E-05	4.04E-04	3.43E-06	1.51E-02	2.30E-02	1.51E-02	1.42E-05	0.00E+00	4.83E-07	2.51E-03	0.00E+00	0.00E+00	2.30E-02
1033	CARTGRID	1	373900	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.79E-02	2.03E-02	3.16E-05	4.81E-04	4.05E-06	1.79E-02	2.73E-02	1.79E-02	1.59E-05	0.00E+00	5.42E-07	2.87E-03	0.00E+00	0.00E+00	2.73E-02
1034	CARTGRID	1	374000	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.10E-02	2.38E-02	3.70E-05	5.63E-04	4.73E-06	2.10E-02	3.19E-02	2.10E-02	1.88E-05	0.00E+00	6.34E-07	3.42E-03	0.00E+00	0.00E+00	3.19E-02
1035	CARTGRID	1	374100	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.35E-02	2.65E-02	4.13E-05	6.29E-04	5.31E-06	2.35E-02	3.56E-02	2.35E-02	2.22E-05	0.00E+00	7.32E-07	4.02E-03	0.00E+00	0.00E+00	3.56E-02
1036	CARTGRID	1	374200	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.01E-02	3.14E-05	4.78E-04	3.99E-06	1.78E-02	2.70E-02	1.78E-02	1.43E-05	0.00E+00	5.15E-07	2.74E-03	0.00E+00	0.00E+00	2.70E-02
1037	CARTGRID	1	374300	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.73E-02	1.95E-02	3.04E-05	4.63E-04	3.88E-06	1.73E-02	2.62E-02	1.73E-02	1.41E-05	0.00E+00	5.11E-07	2.71E-03	0.00E+00	0.00E+00	2.62E-02
1038	CARTGRID	1	374400	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-02	1.91E-02	2.98E-05	4.54E-04	3.82E-06	1.69E-02	2.57E-02	1.69E-02	1.45E-05	0.00E+00	5.19E-07	2.75E-03	0.00E+00	0.00E+00	2.57E-02
1039	CARTGRID	1	374500	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-02	2.18E-02	3.39E-05	5.17E-04	4.38E-06	1.93E-02	2.93E-02	1.93E-02	1.88E-05	0.00E+00	6.20E-07	3.50E-03	0.00E+00	0.00E+00	2.93E-02
1040	CARTGRID	1	374600	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-02	1.95E-02	3.03E-05	4.61E-04	3.92E-06	1.72E-02	2.62E-02	1.72E-02	1.73E-05	0.00E+00	5.58E-07	3.23E-03	0.00E+00	0.00E+00	2.62E-02
1041	CARTGRID	1	374700	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.52E-02	1.72E-02	2.68E-05	4.08E-04	3.47E-06	1.52E-02	2.32E-02	1.52E-02	1.57E-05	0.00E+00	5.01E-07	2.91E-03	0.00E+00	0.00E+00	2.32E-02
1042	CARTGRID	1	374800	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.47E-02	1.67E-02	2.59E-05	3.95E-04	3.36E-06	1.47E-02	2.24E-02	1.47E-02	1.54E-05	0.00E+00	4.89E-07	2.87E-03	0.00E+00	0.00E+00	2.24E-02
1043	CARTGRID	1	374900	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.41E-02	1.60E-02	2.49E-05	3.79E-04	3.24E-06	1.41E-02	2.15E-02	1.41E-02	1.48E-05	0.00E+00	4.76E-07	2.76E-03	0.00E+00	0.00E+00	2.15E-02
1044	CARTGRID	1	375000	3764200	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-02	1.46E-02	2.27E-05	3.46E-04	2.96E-06	1.29E-02	1.97E-02	1.29E-02	1.38E-05	0.00E+00	4.34E-07	2.57E-03	0.00E+00	0.00E+00	1.97E-02
1045	CARTGRID	1	371500	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.02E-05	5.04E-07	1.49E-03	2.55E-03	1.49E-03	6.76E-06	0.00E+00	2.12E-07	9.09E-04	0.00E+00	0.00E+00	2.55E-03
1046	CARTGRID	1	371600	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-03	1.89E-03	2.94E-06	4.50E-05	5.75E-07	1.67E-03	2.87E-03	1.67E-03	7.93E-06	0.00E+00	2.48E-07	1.06E-03	0.00E+00	0.00E+00	2.87E-03
1047	CARTGRID	1	371700	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.89E-03	2.14E-03	3.32E-06	5.08E-05	6.68E-07	1.89E-03	3.26E-03	1.89E-03	9.56E-06	0.00E+00	2.99E-07	1.26E-03	0.00E+00	0.00E+00	3.26E-03
1048	CARTGRID	1	371800	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.17E-03	2.46E-03	3.83E-06	5.87E-05	8.36E-07	2.18E-03	3.79E-03	2.17E-03	1.31E-05	0.00E+00	4.11E-07	1.68E-03	0.00E+00	0.00E+00	3.79E-03
1049	CARTGRID	1	371900	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.57E-03	2.91E-03	4.53E-06	6.95E-05	1.11E-06	2.57E-03	4.58E-03	2.57E-03	1.92E-05	0.00E+00	6.10E-07	2.41E-03	0.00E+00	0.00E+00	4.58E-03
1050	CARTGRID	1	372000	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.16E-03	3.59E-03	5.57E-06	8.62E-05	2.03E-06	3.17E-03	6.05E-03	3.16E-03	4.37E-05	0.00E+00	1.41E-06	5.18E-03	0.00E+00	0.00E+00	6.05E-03
1051	CARTGRID	1	372100	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.25E-03	4.82E-03	7.49E-06	1.15E-04	2.22E-06	4.26E-03	8.04E-03	4.25E-03	4.36E-05	0.00E+00	1.39E-06	5.30E-03	0.00E+00	0.00E+00	8.04E-03
1052	CARTGRID	1	372200	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.27E-03	7.11E-03	1.11E-05	1.69E-04	2.70E-06	6.28E-03	1.26E-02	6.27E-03	4.69E-05	0.00E+00	1.47E-06	5.88E-03	0.00E+00	0.00E+00	1.26E-02
1053	CARTGRID	1	372300	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-02	1.28E-02	1.99E-05	3.03E-04	3.81E-06	1.13E-02	1.99E-02	1.13E-02	5.26E-05	0.00E+00	1.61E-06	7.00E-03	0.00E+00	0.00E+00	1.99E-02
1054	CARTGRID	1	372400	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.27E-02	4.83E-02	7.53E-05	1.15E-03	1.00E-05	4.27E-02	6.71E-02	4.27E-02	5.26E-05	0.00E+00	1.66E-06	8.61E-03	0.00E+00	0.00E+00	6.71E-02
1055	CARTGRID	1	372500	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.58E-01	2.92E-01	4.56E-04	6.92E-03	5.21E-05	2.59E-01	3.87E-01	2.58E-01	4.74E-05	0.00E+00	1.60E-06	1.99E-02	0.00E+00	0.00E+00	3.87E-01
1056	CARTGRID	1	372600	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-01	2.27E-01	3.54E-04	5.38E-03	4.14E-05	2.01E-01	3.03E-01	2.01E-01	6.70E-05	0.00E+00	2.08E-06	1.94E-02	0.00E+00	0.00E+00	3.03E-01
1057	CARTGRID	1	372700	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-01	1.38E-01	2.15E-04	3.27E-03	2.54E-05	1.22E-01	1.85E-01	1.22E-01	5.06E-05	0.00E+00	1.57E-06	1.30E-02	0.00E+00	0.00E+00	1.85E-01
1058	CARTGRID	1	372800	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.99E-02	6.77E-02	1.05E-04	1.60E-03	1.33E-05	5.99E-02	9.21E-02	5.99E-02	5.36E-05	0.00E+00	1.68E-06	9.75E-03	0.00E+00	0.00E+00	9.21E-02
1059	CARTGRID	1	372900	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.87E-02	4.37E-02	6.79E-05	1.04E-03	9.38E-06	3.87E-02	6.08E-02	3.87E-02	5.76E-05	0.00E+00	1.85E-06	8.82E-03	0.00E+00	0.00E+00	6.08E-02
1060	CARTGRID	1	373000	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.97E-02	3.36E-02	5.22E-05	7.97E-04	7.01E-06	2.97E-02	4.80E-02	2.97E-02	3.80E-05	0.00E+00	1.22E-06	6.08E-03	0.00E+00	0.00E+00	4.80E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1061	CARTGRID	1	373100	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.40E-02	2.72E-02	4.22E-05	6.44E-04	5.60E-06	2.40E-02	3.75E-02	2.40E-02	2.86E-05	0.00E+00	9.16E-07	4.67E-03	0.00E+00	0.00E+00	3.75E-02
1062	CARTGRID	1	373200	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-02	2.34E-02	3.65E-05	5.56E-04	4.89E-06	2.07E-02	3.25E-02	2.07E-02	2.64E-05	0.00E+00	8.49E-07	4.22E-03	0.00E+00	0.00E+00	3.25E-02
1063	CARTGRID	1	373300	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-02	2.07E-02	3.22E-05	4.90E-04	4.33E-06	1.83E-02	2.86E-02	1.82E-02	2.36E-05	0.00E+00	7.61E-07	3.76E-03	0.00E+00	0.00E+00	2.86E-02
1064	CARTGRID	1	373400	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.74E-02	1.96E-02	3.06E-05	4.66E-04	4.14E-06	1.74E-02	2.72E-02	1.74E-02	2.33E-05	0.00E+00	7.49E-07	3.68E-03	0.00E+00	0.00E+00	2.72E-02
1065	CARTGRID	1	373500	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-02	1.90E-02	2.96E-05	4.50E-04	4.00E-06	1.68E-02	2.62E-02	1.68E-02	2.25E-05	0.00E+00	7.23E-07	3.56E-03	0.00E+00	0.00E+00	2.62E-02
1066	CARTGRID	1	373600	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.02E-02	3.14E-05	4.79E-04	4.13E-06	1.79E-02	2.75E-02	1.78E-02	1.99E-05	0.00E+00	6.45E-07	3.32E-03	0.00E+00	0.00E+00	2.75E-02
1067	CARTGRID	1	373700	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-02	1.84E-02	2.87E-05	4.37E-04	3.72E-06	1.63E-02	2.50E-02	1.63E-02	1.63E-05	0.00E+00	5.34E-07	2.80E-03	0.00E+00	0.00E+00	2.50E-02
1068	CARTGRID	1	373800	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-02	1.46E-02	2.28E-05	3.47E-04	2.95E-06	1.29E-02	1.98E-02	1.29E-02	1.26E-05	0.00E+00	4.25E-07	2.20E-03	0.00E+00	0.00E+00	1.98E-02
1069	CARTGRID	1	373900	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-02	1.65E-02	2.57E-05	3.91E-04	3.31E-06	1.46E-02	2.23E-02	1.46E-02	1.36E-05	0.00E+00	4.61E-07	2.42E-03	0.00E+00	0.00E+00	2.23E-02
1070	CARTGRID	1	374000	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.74E-02	1.97E-02	3.06E-05	4.66E-04	3.96E-06	1.74E-02	2.65E-02	1.74E-02	1.69E-05	0.00E+00	5.61E-07	2.97E-03	0.00E+00	0.00E+00	2.65E-02
1071	CARTGRID	1	374100	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.92E-02	2.17E-02	3.38E-05	5.14E-04	4.39E-06	1.92E-02	2.92E-02	1.92E-02	1.99E-05	0.00E+00	6.47E-07	3.50E-03	0.00E+00	0.00E+00	2.92E-02
1072	CARTGRID	1	374200	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-02	2.07E-02	3.22E-05	4.91E-04	4.14E-06	1.83E-02	2.78E-02	1.83E-02	1.66E-05	0.00E+00	5.64E-07	3.04E-03	0.00E+00	0.00E+00	2.78E-02
1073	CARTGRID	1	374300	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.76E-02	1.99E-02	3.09E-05	4.71E-04	3.96E-06	1.76E-02	2.67E-02	1.76E-02	1.53E-05	0.00E+00	5.29E-07	2.85E-03	0.00E+00	0.00E+00	2.67E-02
1074	CARTGRID	1	374400	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.57E-02	1.78E-02	2.77E-05	4.22E-04	3.54E-06	1.57E-02	2.39E-02	1.57E-02	1.32E-05	0.00E+00	4.71E-07	2.50E-03	0.00E+00	0.00E+00	2.39E-02
1075	CARTGRID	1	374500	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.73E-02	1.96E-02	3.04E-05	4.64E-04	3.91E-06	1.73E-02	2.62E-02	1.73E-02	1.56E-05	0.00E+00	5.35E-07	2.92E-03	0.00E+00	0.00E+00	2.62E-02
1076	CARTGRID	1	374600	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.71E-02	1.93E-02	3.01E-05	4.58E-04	3.88E-06	1.71E-02	2.60E-02	1.71E-02	1.62E-05	0.00E+00	5.44E-07	3.02E-03	0.00E+00	0.00E+00	2.60E-02
1077	CARTGRID	1	374700	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.62E-02	1.83E-02	2.85E-05	4.34E-04	3.69E-06	1.62E-02	2.46E-02	1.62E-02	1.59E-05	0.00E+00	5.26E-07	2.96E-03	0.00E+00	0.00E+00	2.46E-02
1078	CARTGRID	1	374800	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-02	1.52E-02	2.37E-05	3.61E-04	3.07E-06	1.35E-02	2.05E-02	1.35E-02	1.35E-05	0.00E+00	4.39E-07	2.52E-03	0.00E+00	0.00E+00	2.05E-02
1079	CARTGRID	1	374900	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-02	1.49E-02	2.31E-05	3.53E-04	3.00E-06	1.32E-02	2.00E-02	1.31E-02	1.35E-05	0.00E+00	4.33E-07	2.51E-03	0.00E+00	0.00E+00	2.00E-02
1080	CARTGRID	1	375000	3764300	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-02	1.34E-02	2.08E-05	3.17E-04	2.71E-06	1.18E-02	1.80E-02	1.18E-02	1.23E-05	0.00E+00	3.94E-07	2.29E-03	0.00E+00	0.00E+00	1.80E-02
1081	CARTGRID	1	371500	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.37E-03	1.55E-03	2.40E-06	3.68E-05	4.57E-07	1.37E-03	2.32E-03	1.36E-03	6.05E-06	0.00E+00	1.90E-07	8.17E-04	0.00E+00	0.00E+00	2.32E-03
1082	CARTGRID	1	371600	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.51E-03	1.71E-03	2.67E-06	4.08E-05	5.17E-07	1.52E-03	2.59E-03	1.51E-03	7.04E-06	0.00E+00	2.21E-07	9.43E-04	0.00E+00	0.00E+00	2.59E-03
1083	CARTGRID	1	371700	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-03	1.92E-03	2.98E-06	4.56E-05	5.96E-07	1.69E-03	2.90E-03	1.69E-03	8.44E-06	0.00E+00	2.65E-07	1.12E-03	0.00E+00	0.00E+00	2.90E-03
1084	CARTGRID	1	371800	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-03	2.18E-03	3.39E-06	5.19E-05	7.03E-07	1.93E-03	3.32E-03	1.93E-03	1.04E-05	0.00E+00	3.27E-07	1.36E-03	0.00E+00	0.00E+00	3.32E-03
1085	CARTGRID	1	371900	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.24E-03	2.54E-03	3.95E-06	6.05E-05	8.67E-07	2.24E-03	3.89E-03	2.24E-03	1.36E-05	0.00E+00	4.29E-07	1.75E-03	0.00E+00	0.00E+00	3.89E-03
1086	CARTGRID	1	372000	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.71E-03	3.07E-03	4.77E-06	7.32E-05	1.22E-06	2.71E-03	4.78E-03	2.71E-03	2.16E-05	0.00E+00	6.88E-07	2.69E-03	0.00E+00	0.00E+00	4.78E-03
1087	CARTGRID	1	372100	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.55E-03	4.02E-03	6.26E-06	9.59E-05	1.49E-06	3.55E-03	6.30E-03	3.55E-03	2.53E-05	0.00E+00	7.99E-07	3.19E-03	0.00E+00	0.00E+00	6.30E-03
1088	CARTGRID	1	372200	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.22E-03	5.93E-03	9.20E-06	1.43E-04	4.07E-06	5.23E-03	1.04E-02	5.22E-03	9.38E-05	0.00E+00	3.05E-06	1.10E-02	0.00E+00	0.00E+00	1.10E-02
1089	CARTGRID	1	372300	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.53E-03	9.66E-03	1.50E-05	2.30E-04	3.07E-06	8.54E-03	1.53E-02	8.53E-03	4.58E-05	0.00E+00	1.40E-06	6.02E-03	0.00E+00	0.00E+00	1.53E-02
1090	CARTGRID	1	372400	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-02	2.25E-02	3.50E-05	5.33E-04	4.76E-06	1.99E-02	3.15E-02	1.99E-02	3.89E-05	0.00E+00	8.77E-07	7.07E-03	0.00E+00	0.00E+00	3.15E-02
1091	CARTGRID	1	372500	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.02E-02	1.02E-01	1.59E-04	2.42E-03	1.90E-05	9.03E-02	1.38E-01	9.02E-02	4.43E-05	0.00E+00	1.33E-06	1.06E-02	0.00E+00	0.00E+00	1.38E-01
1092	CARTGRID	1	372600	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.45E-02	9.56E-02	1.49E-04	2.26E-03	1.79E-05	8.46E-02	1.28E-01	8.45E-02	4.37E-05	0.00E+00	1.37E-06	9.96E-03	0.00E+00	0.00E+00	1.28E-01
1093	CARTGRID	1	372700	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.35E-02	6.05E-02	9.43E-05	1.43E-03	1.19E-05	5.35E-02	8.22E-02	5.35E-02	4.77E-05	0.00E+00	1.47E-06	8.78E-03	0.00E+00	0.00E+00	8.22E-02
1094	CARTGRID	1	372800	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.27E-02	4.83E-02	7.53E-05	1.15E-03	9.47E-06	4.28E-02	6.58E-02	4.27E-02	3.66E-05	0.00E+00	1.13E-06	6.83E-03	0.00E+00	0.00E+00	6.58E-02
1095	CARTGRID	1	372900	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.45E-02	3.90E-02	6.06E-05	9.24E-04	7.99E-06	3.45E-02	5.36E-02	3.44E-02	4.02E-05	0.00E+00	1.27E-06	6.67E-03	0.00E+00	0.00E+00	5.36E-02
1096	CARTGRID	1	373000	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.78E-02	3.15E-02	4.90E-05	7.47E-04	6.85E-06	2.79E-02	4.34E-02	2.78E-02	4.44E-05	0.00E+00	1.42E-06	6.69E-03	0.00E+00	0.00E+00	4.34E-02
1097	CARTGRID	1	373100	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.30E-02	2.60E-02	4.05E-05	6.17E-04	5.27E-06	2.30E-02	3.60E-02	2.30E-02	2.47E-05	0.00E+00	7.84E-07	4.20E-03	0.00E+00	0.00E+00	3.60E-02
1098	CARTGRID	1	373200	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.00E-02	2.26E-02	3.51E-05	5.35E-04	4.59E-06	2.00E-02	3.10E-02	1.99E-02	2.20E-05	0.00E+00	7.01E-07	3.71E-03	0.00E+00	0.00E+00	3.10E-02
1099	CARTGRID	1	373300	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.81E-02	2.04E-02	3.18E-05	4.85E-04	4.21E-06	1.81E-02	2.81E-02	1.80E-02	2.14E-05	0.00E+00	6.83E-07	3.52E-03	0.00E+00	0.00E+00	2.81E-02
1100	CARTGRID	1	373400	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-02	1.89E-02	2.94E-05	4.48E-04	3.92E-06	1.67E-02	2.60E-02	1.67E-02	2.07E-05	0.00E+00	6.62E-07	3.36E-03	0.00E+00	0.00E+00	2.60E-02
1101	CARTGRID	1	373500	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-02	1.90E-02	2.95E-05	4.50E-04	3.92E-06	1.68E-02	2.60E-02	1.68E-02	2.02E-05	0.00E+00	6.47E-07	3.30E-03	0.00E+00	0.00E+00	2.60E-02
1102	CARTGRID	1	373600	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.65E-02	1.87E-02	2.91E-05	4.44E-04	3.79E-06	1.65E-02	2.55E-02	1.65E-02	1.73E-05	0.00E+00	5.59E-07	2.95E-03	0.00E+00	0.00E+00	2.55E-02
1103	CARTGRID	1	373700	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-02	1.46E-02	2.28E-05	3.46E-04	2.93E-06	1.29E-02	1.98E-02	1.29E-02	1.22E-05	0.00E+00	4.04E-07	2.14E-03	0.00E+00	0.00E+00	1.98E-02
1104	CARTGRID	1	373800	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-02	1.35E-02	2.11E-05	3.21E-04	2.72E-06	1.20E-02	1.83E-02	1.19E-02	1.15E-05	0.00E+00	3.84E-07	2.01E-03	0.00E+00	0.00E+00	1.83E-02
1105	CARTGRID	1	373900	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-02	1.53E-02	2.39E-05	3.64E-04	3.08E-06	1.36E-02	2.08E-02	1.35E-02	1.30E-05	0.00E+00	4.32E-07	2.28E-03	0.00E+00	0.00E+00	2.08E-02
1106	CARTGRID	1	374000	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-02	1.68E-02	2.62E-05	3.99E-04	3.40E-06	1.49E-02	2.28E-02	1.49E-02	1.49E-05	0.00E+00	4.93E-07	2.59E-03	0.00E+00	0.00E+00	2.28E-02
1107	CARTGRID	1	374100	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.60E-02	1.82E-02	2.83E-05	4.31E-04	3.71E-06	1.61E-02	2.46E-02	1.60E-02	1.78E-05	0.00E+00	5.75E-07	3.05E-03	0.00E+00	0.00E+00	2.46E-02
1108	CARTGRID	1	374200	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.62E-02	1.84E-02	2.86E-05	4.35E-04	3.73E-06	1.62E-02	2.48E-02	1.62E-02	1.73E-05	0.00E+00	5.61E-07	3.02E-03	0.00E+00	0.00E+00	2.48E-02
1109	CARTGRID	1	374300	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-02	1.91E-02	2.97E-05	4.53E-04	3.85E-06	1.69E-02	2.57E-02	1.69E-02	1.66E-05	0.00E+00	5.51E-07	2.97E-03	0.00E+00	0.00E+00	2.57E-02
1110	CARTGRID	1	374400	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-02	1.87E-02	2.92E-05	4.44E-04	3.76E-06	1.66E-02	2.52E-02	1.66E-02	1.56E-05	0.00E+00	5.24E-07	2.84E-03	0.00E+00	0.00E+00	2.52E-02
1111	CARTGRID	1	374500	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-02	1.85E-02	2.88E-05	4.38E-04	3.70E-06	1.63E-02	2.48E-02	1.63E-02	1.52E-05	0.00E+00	5.12E-07	2.79E-03	0.00E+00	0.00E+00	2.48E-02
1112	CARTGRID	1	374600	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-02	1.82E-02	2.83E-05	4.32E-04	3.66E-06	1.61E-02	2.45E-02	1.61E-02	1.56E-05	0.00E+00	5.17E-07	2.87E-03	0.00E+00	0.00E+00	2.45E-02
1113	CARTGRID	1	374700	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-02	1.64E-02	2.56E-05	3.90E-04	3.31E-06	1.45E-02	2.21E-02	1.45E-02	1.43E-05	0.00E+00	4.66E-07	2.64E-03	0.00E+00	0.00E+00	2.21E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1114	CARTGRID	1	374800	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-02	1.47E-02	2.29E-05	3.50E-04	2.97E-06	1.30E-02	1.98E-02	1.30E-02	1.28E-05	0.00E+00	4.20E-07	2.38E-03	0.00E+00	0.00E+00	1.98E-02
1115	CARTGRID	1	374900	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-02	1.39E-02	2.17E-05	3.30E-04	2.81E-06	1.23E-02	1.87E-02	1.23E-02	1.22E-05	0.00E+00	4.00E-07	2.28E-03	0.00E+00	0.00E+00	1.87E-02
1116	CARTGRID	1	375000	3764400	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-02	1.30E-02	2.03E-05	3.09E-04	2.63E-06	1.15E-02	1.76E-02	1.15E-02	1.16E-05	0.00E+00	3.78E-07	2.16E-03	0.00E+00	0.00E+00	1.76E-02
1117	CARTGRID	1	371500	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-03	1.41E-03	2.19E-06	3.34E-05	4.11E-07	1.24E-03	2.10E-03	1.24E-03	5.36E-06	0.00E+00	1.68E-07	7.27E-04	0.00E+00	0.00E+00	2.10E-03
1118	CARTGRID	1	371600	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-03	1.54E-03	2.40E-06	3.67E-05	4.58E-07	1.36E-03	2.31E-03	1.36E-03	6.12E-06	0.00E+00	1.92E-07	8.24E-04	0.00E+00	0.00E+00	2.31E-03
1119	CARTGRID	1	371700	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.51E-03	1.71E-03	2.66E-06	4.06E-05	5.24E-07	1.51E-03	2.57E-03	1.51E-03	7.31E-06	0.00E+00	2.30E-07	9.70E-04	0.00E+00	0.00E+00	2.57E-03
1120	CARTGRID	1	371800	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.70E-03	1.92E-03	2.99E-06	4.58E-05	6.92E-07	1.70E-03	2.93E-03	1.70E-03	1.13E-05	0.00E+00	3.60E-07	1.43E-03	0.00E+00	0.00E+00	2.93E-03
1121	CARTGRID	1	371900	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.94E-03	2.20E-03	3.42E-06	5.24E-05	7.34E-07	1.94E-03	3.33E-03	1.94E-03	1.12E-05	0.00E+00	3.54E-07	1.45E-03	0.00E+00	0.00E+00	3.33E-03
1122	CARTGRID	1	372000	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.29E-03	2.59E-03	4.03E-06	6.18E-05	9.57E-07	2.29E-03	3.96E-03	2.29E-03	1.61E-05	0.00E+00	5.10E-07	2.02E-03	0.00E+00	0.00E+00	3.96E-03
1123	CARTGRID	1	372100	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.88E-03	3.27E-03	5.07E-06	7.91E-05	2.50E-06	2.88E-03	5.52E-03	2.88E-03	5.94E-05	0.00E+00	1.94E-06	6.87E-03	0.00E+00	0.00E+00	6.87E-03
1124	CARTGRID	1	372200	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.64E-03	4.12E-03	6.41E-06	9.84E-05	1.74E-06	3.64E-03	6.46E-03	3.64E-03	3.21E-05	0.00E+00	1.02E-06	3.92E-03	0.00E+00	0.00E+00	6.46E-03
1125	CARTGRID	1	372300	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.69E-03	5.32E-03	8.27E-06	1.27E-04	1.92E-06	4.70E-03	8.75E-03	4.69E-03	3.18E-05	0.00E+00	1.00E-06	3.99E-03	0.00E+00	0.00E+00	8.75E-03
1126	CARTGRID	1	372400	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.35E-03	7.19E-03	1.12E-05	1.71E-04	2.60E-06	6.35E-03	1.25E-02	6.35E-03	4.31E-05	0.00E+00	1.36E-06	5.42E-03	0.00E+00	0.00E+00	1.25E-02
1127	CARTGRID	1	372500	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-02	1.24E-02	1.94E-05	2.95E-04	3.10E-06	1.10E-02	1.79E-02	1.10E-02	3.33E-05	0.00E+00	9.53E-07	4.91E-03	0.00E+00	0.00E+00	1.79E-02
1128	CARTGRID	1	372600	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.10E-02	2.38E-02	3.71E-05	5.64E-04	5.07E-06	2.10E-02	3.28E-02	2.10E-02	3.21E-05	0.00E+00	9.57E-07	5.19E-03	0.00E+00	0.00E+00	3.28E-02
1129	CARTGRID	1	372700	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.74E-02	3.10E-02	4.83E-05	7.35E-04	6.61E-06	2.74E-02	4.23E-02	2.74E-02	4.03E-05	0.00E+00	1.25E-06	6.35E-03	0.00E+00	0.00E+00	4.23E-02
1130	CARTGRID	1	372800	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.77E-02	3.13E-02	4.88E-05	7.42E-04	6.15E-06	2.77E-02	4.24E-02	2.76E-02	2.46E-05	0.00E+00	7.48E-07	4.58E-03	0.00E+00	0.00E+00	4.24E-02
1131	CARTGRID	1	372900	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.61E-02	2.96E-02	4.61E-05	7.01E-04	5.79E-06	2.62E-02	4.01E-02	2.61E-02	2.24E-05	0.00E+00	6.86E-07	4.21E-03	0.00E+00	0.00E+00	4.01E-02
1132	CARTGRID	1	373000	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.43E-02	2.74E-02	4.27E-05	6.51E-04	5.43E-06	2.43E-02	3.73E-02	2.43E-02	2.25E-05	0.00E+00	7.00E-07	4.08E-03	0.00E+00	0.00E+00	3.73E-02
1133	CARTGRID	1	373100	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.08E-02	2.35E-02	3.66E-05	5.58E-04	4.69E-06	2.08E-02	3.20E-02	2.08E-02	2.04E-05	0.00E+00	6.38E-07	3.60E-03	0.00E+00	0.00E+00	3.20E-02
1134	CARTGRID	1	373200	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.92E-02	2.17E-02	3.38E-05	5.15E-04	4.37E-06	1.92E-02	2.97E-02	1.92E-02	1.99E-05	0.00E+00	6.29E-07	3.45E-03	0.00E+00	0.00E+00	2.97E-02
1135	CARTGRID	1	373300	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.77E-02	2.00E-02	3.11E-05	4.75E-04	4.06E-06	1.77E-02	2.74E-02	1.77E-02	1.93E-05	0.00E+00	6.11E-07	3.28E-03	0.00E+00	0.00E+00	2.74E-02
1136	CARTGRID	1	373400	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-02	1.88E-02	2.93E-05	4.46E-04	3.84E-06	1.66E-02	2.58E-02	1.66E-02	1.87E-05	0.00E+00	5.94E-07	3.14E-03	0.00E+00	0.00E+00	2.58E-02
1137	CARTGRID	1	373500	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-02	1.90E-02	2.95E-05	4.50E-04	3.80E-06	1.68E-02	2.58E-02	1.68E-02	1.65E-05	0.00E+00	5.28E-07	2.89E-03	0.00E+00	0.00E+00	2.58E-02
1138	CARTGRID	1	373600	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-02	1.37E-02	2.14E-05	3.25E-04	2.72E-06	1.21E-02	1.86E-02	1.21E-02	1.08E-05	0.00E+00	3.56E-07	1.95E-03	0.00E+00	0.00E+00	1.86E-02
1139	CARTGRID	1	373700	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-02	1.38E-02	2.15E-05	3.27E-04	2.74E-06	1.22E-02	1.87E-02	1.22E-02	1.10E-05	0.00E+00	3.63E-07	1.97E-03	0.00E+00	0.00E+00	1.87E-02
1140	CARTGRID	1	373800	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.32E-02	1.49E-02	2.33E-05	3.54E-04	2.99E-06	1.32E-02	2.03E-02	1.32E-02	1.24E-05	0.00E+00	4.08E-07	2.20E-03	0.00E+00	0.00E+00	2.03E-02
1141	CARTGRID	1	373900	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-02	1.47E-02	2.29E-05	3.49E-04	2.95E-06	1.30E-02	2.00E-02	1.30E-02	1.26E-05	0.00E+00	4.13E-07	2.21E-03	0.00E+00	0.00E+00	2.00E-02
1142	CARTGRID	1	374000	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.34E-02	1.52E-02	2.37E-05	3.60E-04	3.07E-06	1.34E-02	2.06E-02	1.34E-02	1.37E-05	0.00E+00	4.48E-07	2.37E-03	0.00E+00	0.00E+00	2.06E-02
1143	CARTGRID	1	374100	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.41E-02	1.60E-02	2.49E-05	3.79E-04	3.26E-06	1.41E-02	2.17E-02	1.41E-02	1.53E-05	0.00E+00	4.98E-07	2.62E-03	0.00E+00	0.00E+00	2.17E-02
1144	CARTGRID	1	374200	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.34E-02	1.52E-02	2.37E-05	3.60E-04	3.11E-06	1.34E-02	2.06E-02	1.34E-02	1.51E-05	0.00E+00	4.89E-07	2.59E-03	0.00E+00	0.00E+00	2.06E-02
1145	CARTGRID	1	374300	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-02	1.63E-02	2.54E-05	3.87E-04	3.32E-06	1.44E-02	2.20E-02	1.44E-02	1.55E-05	0.00E+00	5.05E-07	2.70E-03	0.00E+00	0.00E+00	2.20E-02
1146	CARTGRID	1	374400	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-02	1.65E-02	2.56E-05	3.91E-04	3.34E-06	1.46E-02	2.22E-02	1.46E-02	1.51E-05	0.00E+00	4.96E-07	2.69E-03	0.00E+00	0.00E+00	2.22E-02
1147	CARTGRID	1	374500	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.41E-02	1.60E-02	2.49E-05	3.79E-04	3.23E-06	1.41E-02	2.15E-02	1.41E-02	1.44E-05	0.00E+00	4.71E-07	2.59E-03	0.00E+00	0.00E+00	2.15E-02
1148	CARTGRID	1	374600	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-02	1.54E-02	2.39E-05	3.65E-04	3.10E-06	1.36E-02	2.07E-02	1.36E-02	1.36E-05	0.00E+00	4.46E-07	2.47E-03	0.00E+00	0.00E+00	2.07E-02
1149	CARTGRID	1	374700	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-02	1.46E-02	2.27E-05	3.46E-04	2.94E-06	1.29E-02	1.96E-02	1.29E-02	1.27E-05	0.00E+00	4.18E-07	2.33E-03	0.00E+00	0.00E+00	1.96E-02
1150	CARTGRID	1	374800	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-02	1.38E-02	2.14E-05	3.26E-04	2.77E-06	1.22E-02	1.85E-02	1.22E-02	1.18E-05	0.00E+00	3.92E-07	2.19E-03	0.00E+00	0.00E+00	1.85E-02
1151	CARTGRID	1	374900	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-02	1.33E-02	2.07E-05	3.15E-04	2.67E-06	1.17E-02	1.79E-02	1.17E-02	1.15E-05	0.00E+00	3.79E-07	2.13E-03	0.00E+00	0.00E+00	1.79E-02
1152	CARTGRID	1	375000	3764500	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-02	1.27E-02	1.97E-05	3.00E-04	2.55E-06	1.12E-02	1.70E-02	1.12E-02	1.10E-05	0.00E+00	3.62E-07	2.05E-03	0.00E+00	0.00E+00	1.70E-02
1153	CARTGRID	1	371500	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-03	1.28E-03	1.99E-06	3.04E-05	3.68E-07	1.13E-03	1.90E-03	1.13E-03	4.69E-06	0.00E+00	1.47E-07	6.40E-04	0.00E+00	0.00E+00	1.90E-03
1154	CARTGRID	1	371600	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-03	1.39E-03	2.16E-06	3.30E-05	4.02E-07	1.23E-03	2.07E-03	1.23E-03	5.18E-06	0.00E+00	1.62E-07	7.03E-04	0.00E+00	0.00E+00	2.07E-03
1155	CARTGRID	1	371700	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.37E-06	3.63E-05	4.49E-07	1.35E-03	2.28E-03	1.35E-03	5.91E-06	0.00E+00	1.86E-07	7.97E-04	0.00E+00	0.00E+00	2.28E-03
1156	CARTGRID	1	371800	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-03	1.69E-03	2.63E-06	4.02E-05	5.15E-07	1.50E-03	2.53E-03	1.49E-03	7.10E-06	0.00E+00	2.23E-07	9.42E-04	0.00E+00	0.00E+00	2.53E-03
1157	CARTGRID	1	371900	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.67E-03	1.90E-03	2.95E-06	4.52E-05	6.60E-07	1.68E-03	2.86E-03	1.67E-03	1.05E-05	0.00E+00	3.33E-07	1.33E-03	0.00E+00	0.00E+00	2.86E-03
1158	CARTGRID	1	372000	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-03	2.17E-03	3.37E-06	5.15E-05	6.98E-07	1.91E-03	3.24E-03	1.91E-03	1.03E-05	0.00E+00	3.25E-07	1.33E-03	0.00E+00	0.00E+00	3.24E-03
1159	CARTGRID	1	372100	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.24E-03	2.54E-03	3.95E-06	6.06E-05	9.11E-07	2.25E-03	3.83E-03	2.24E-03	1.48E-05	0.00E+00	4.72E-07	1.87E-03	0.00E+00	0.00E+00	3.83E-03
1160	CARTGRID	1	372200	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.68E-03	3.03E-03	4.72E-06	7.23E-05	1.10E-06	2.68E-03	4.58E-03	2.68E-03	1.79E-05	0.00E+00	5.72E-07	2.25E-03	0.00E+00	0.00E+00	4.58E-03
1161	CARTGRID	1	372300	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.50E-03	3.97E-03	6.18E-06	9.45E-05	1.23E-06	3.51E-03	5.92E-03	3.50E-03	1.73E-05	0.00E+00	5.46E-07	2.24E-03	0.00E+00	0.00E+00	5.92E-03
1162	CARTGRID	1	372400	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.12E-03	4.67E-03	7.27E-06	1.11E-04	1.39E-06	4.13E-03	7.17E-03	4.12E-03	1.86E-05	0.00E+00	5.84E-07	2.44E-03	0.00E+00	0.00E+00	7.17E-03
1163	CARTGRID	1	372500	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.34E-03	6.04E-03	9.40E-06	1.43E-04	1.52E-06	5.34E-03	8.79E-03	5.34E-03	1.58E-05	0.00E+00	4.73E-07	2.28E-03	0.00E+00	0.00E+00	8.79E-03
1164	CARTGRID	1	372600	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.02E-03	7.94E-03	1.24E-05	1.89E-04	1.91E-06	7.02E-03	1.14E-02	7.01E-03	1.83E-05	0.00E+00	5.42E-07	2.70E-03	0.00E+00	0.00E+00	1.14E-02
1165	CARTGRID	1	372700	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.26E-02	1.42E-02	2.22E-05	3.37E-04	2.99E-06	1.26E-02	1.96E-02	1.26E-02	1.79E-05	0.00E+00	5.30E-07	2.97E-03	0.00E+00	0.00E+00	1.96E-02
1166	CARTGRID	1	372800	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.49E-02	1.68E-02	2.63E-05	3.99E-04	3.46E-06	1.49E-02	2.31E-02	1.49E-02	1.83E-05	0.00E+00	5.53E-07	3.11E-03	0.00E+00	0.00E+00	2.31E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1167	CARTGRID	1	372900	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.70E-02	1.92E-02	2.99E-05	4.56E-04	3.84E-06	1.70E-02	2.62E-02	1.70E-02	1.71E-05	0.00E+00	5.21E-07	3.07E-03	0.00E+00	0.00E+00	2.62E-02
1168	CARTGRID	1	373000	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-02	1.98E-02	3.08E-05	4.69E-04	3.92E-06	1.75E-02	2.69E-02	1.75E-02	1.62E-05	0.00E+00	4.97E-07	2.97E-03	0.00E+00	0.00E+00	2.69E-02
1169	CARTGRID	1	373100	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-02	1.94E-02	3.02E-05	4.60E-04	3.84E-06	1.72E-02	2.64E-02	1.72E-02	1.59E-05	0.00E+00	4.92E-07	2.89E-03	0.00E+00	0.00E+00	2.64E-02
1170	CARTGRID	1	373200	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-02	1.90E-02	2.96E-05	4.51E-04	3.79E-06	1.68E-02	2.59E-02	1.68E-02	1.65E-05	0.00E+00	5.14E-07	2.92E-03	0.00E+00	0.00E+00	2.59E-02
1171	CARTGRID	1	373300	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-02	1.90E-02	2.96E-05	4.50E-04	3.81E-06	1.68E-02	2.59E-02	1.68E-02	1.71E-05	0.00E+00	5.36E-07	2.99E-03	0.00E+00	0.00E+00	2.59E-02
1172	CARTGRID	1	373400	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-02	1.85E-02	2.88E-05	4.40E-04	3.71E-06	1.64E-02	2.53E-02	1.64E-02	1.64E-05	0.00E+00	5.17E-07	2.87E-03	0.00E+00	0.00E+00	2.53E-02
1173	CARTGRID	1	373500	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.59E-02	1.80E-02	2.81E-05	4.27E-04	3.56E-06	1.59E-02	2.45E-02	1.59E-02	1.43E-05	0.00E+00	4.55E-07	2.60E-03	0.00E+00	0.00E+00	2.45E-02
1174	CARTGRID	1	373600	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-02	1.35E-02	2.10E-05	3.19E-04	2.64E-06	1.19E-02	1.82E-02	1.19E-02	9.88E-06	0.00E+00	3.22E-07	1.83E-03	0.00E+00	0.00E+00	1.82E-02
1175	CARTGRID	1	373700	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-02	1.54E-02	2.40E-05	3.66E-04	3.06E-06	1.36E-02	2.09E-02	1.36E-02	1.24E-05	0.00E+00	4.01E-07	2.23E-03	0.00E+00	0.00E+00	2.09E-02
1176	CARTGRID	1	373800	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.34E-02	1.52E-02	2.36E-05	3.60E-04	3.07E-06	1.34E-02	2.07E-02	1.34E-02	1.41E-05	0.00E+00	4.52E-07	2.42E-03	0.00E+00	0.00E+00	2.07E-02
1177	CARTGRID	1	373900	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-02	1.42E-02	2.21E-05	3.36E-04	2.92E-06	1.25E-02	1.94E-02	1.25E-02	1.48E-05	0.00E+00	4.74E-07	2.47E-03	0.00E+00	0.00E+00	1.94E-02
1178	CARTGRID	1	374000	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-02	1.44E-02	2.24E-05	3.42E-04	2.96E-06	1.28E-02	1.96E-02	1.27E-02	1.45E-05	0.00E+00	4.69E-07	2.45E-03	0.00E+00	0.00E+00	1.96E-02
1179	CARTGRID	1	374100	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-02	1.44E-02	2.24E-05	3.42E-04	2.95E-06	1.27E-02	1.96E-02	1.27E-02	1.43E-05	0.00E+00	4.65E-07	2.43E-03	0.00E+00	0.00E+00	1.96E-02
1180	CARTGRID	1	374200	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-02	1.38E-02	2.14E-05	3.26E-04	2.83E-06	1.22E-02	1.87E-02	1.22E-02	1.41E-05	0.00E+00	4.53E-07	2.38E-03	0.00E+00	0.00E+00	1.87E-02
1181	CARTGRID	1	374300	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-02	1.31E-02	2.05E-05	3.12E-04	2.69E-06	1.16E-02	1.78E-02	1.16E-02	1.31E-05	0.00E+00	4.24E-07	2.24E-03	0.00E+00	0.00E+00	1.78E-02
1182	CARTGRID	1	374400	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-02	1.39E-02	2.17E-05	3.30E-04	2.84E-06	1.23E-02	1.88E-02	1.23E-02	1.34E-05	0.00E+00	4.37E-07	2.34E-03	0.00E+00	0.00E+00	1.88E-02
1183	CARTGRID	1	374500	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-02	1.34E-02	2.08E-05	3.17E-04	2.72E-06	1.18E-02	1.81E-02	1.18E-02	1.25E-05	0.00E+00	4.10E-07	2.21E-03	0.00E+00	0.00E+00	1.81E-02
1184	CARTGRID	1	374600	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-02	1.30E-02	2.02E-05	3.08E-04	2.63E-06	1.15E-02	1.76E-02	1.15E-02	1.17E-05	0.00E+00	3.87E-07	2.10E-03	0.00E+00	0.00E+00	1.76E-02
1185	CARTGRID	1	374700	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.14E-02	1.29E-02	2.00E-05	3.05E-04	2.60E-06	1.14E-02	1.73E-02	1.14E-02	1.13E-05	0.00E+00	3.75E-07	2.06E-03	0.00E+00	0.00E+00	1.73E-02
1186	CARTGRID	1	374800	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-02	1.27E-02	1.98E-05	3.01E-04	2.56E-06	1.12E-02	1.71E-02	1.12E-02	1.10E-05	0.00E+00	3.66E-07	2.02E-03	0.00E+00	0.00E+00	1.71E-02
1187	CARTGRID	1	374900	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-02	1.25E-02	1.94E-05	2.95E-04	2.51E-06	1.10E-02	1.68E-02	1.10E-02	1.08E-05	0.00E+00	3.57E-07	1.98E-03	0.00E+00	0.00E+00	1.68E-02
1188	CARTGRID	1	375000	3764600	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-02	1.21E-02	1.88E-05	2.86E-04	2.43E-06	1.07E-02	1.63E-02	1.07E-02	1.04E-05	0.00E+00	3.46E-07	1.93E-03	0.00E+00	0.00E+00	1.63E-02
1189	CARTGRID	1	371500	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.17E-03	1.81E-06	2.77E-05	3.30E-07	1.03E-03	1.73E-03	1.03E-03	4.09E-06	0.00E+00	1.29E-07	5.62E-04	0.00E+00	0.00E+00	1.73E-03
1190	CARTGRID	1	371600	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-03	1.25E-03	1.94E-06	2.97E-05	3.53E-07	1.10E-03	1.85E-03	1.10E-03	4.37E-06	0.00E+00	1.37E-07	5.99E-04	0.00E+00	0.00E+00	1.85E-03
1191	CARTGRID	1	371700	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.20E-03	1.36E-03	2.11E-06	3.23E-05	3.85E-07	1.20E-03	2.01E-03	1.20E-03	4.79E-06	0.00E+00	1.50E-07	6.56E-04	0.00E+00	0.00E+00	2.01E-03
1192	CARTGRID	1	371800	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-03	1.48E-03	2.30E-06	3.52E-05	4.19E-07	1.31E-03	2.19E-03	1.31E-03	5.22E-06	0.00E+00	1.63E-07	7.13E-04	0.00E+00	0.00E+00	2.19E-03
1193	CARTGRID	1	371900	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-03	1.64E-03	2.55E-06	3.90E-05	4.67E-07	1.45E-03	2.42E-03	1.45E-03	5.87E-06	0.00E+00	1.84E-07	7.98E-04	0.00E+00	0.00E+00	2.42E-03
1194	CARTGRID	1	372000	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-03	1.90E-03	2.96E-06	4.52E-05	5.41E-07	1.68E-03	2.80E-03	1.68E-03	6.82E-06	0.00E+00	2.13E-07	9.25E-04	0.00E+00	0.00E+00	2.80E-03
1195	CARTGRID	1	372100	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.15E-03	3.35E-06	5.12E-05	6.09E-07	1.90E-03	3.16E-03	1.90E-03	7.60E-06	0.00E+00	2.38E-07	1.03E-03	0.00E+00	0.00E+00	3.16E-03
1196	CARTGRID	1	372200	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.23E-03	2.52E-03	3.92E-06	5.99E-05	7.22E-07	2.23E-03	3.69E-03	2.23E-03	9.13E-06	0.00E+00	2.87E-07	1.22E-03	0.00E+00	0.00E+00	3.69E-03
1197	CARTGRID	1	372300	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.64E-03	2.99E-03	4.65E-06	7.11E-05	8.51E-07	2.64E-03	4.37E-03	2.64E-03	1.06E-05	0.00E+00	3.34E-07	1.42E-03	0.00E+00	0.00E+00	4.37E-03
1198	CARTGRID	1	372400	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.09E-03	3.50E-03	5.44E-06	8.32E-05	1.05E-06	3.09E-03	5.11E-03	3.09E-03	1.41E-05	0.00E+00	4.48E-07	1.84E-03	0.00E+00	0.00E+00	5.11E-03
1199	CARTGRID	1	372500	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.59E-03	4.07E-03	6.33E-06	9.66E-05	1.04E-06	3.60E-03	5.86E-03	3.59E-03	1.11E-05	0.00E+00	3.42E-07	1.56E-03	0.00E+00	0.00E+00	5.86E-03
1200	CARTGRID	1	372600	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.14E-03	4.69E-03	7.30E-06	1.11E-04	1.20E-06	4.14E-03	6.81E-03	4.14E-03	1.29E-05	0.00E+00	3.93E-07	1.83E-03	0.00E+00	0.00E+00	6.81E-03
1201	CARTGRID	1	372700	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.40E-03	6.11E-03	9.52E-06	1.45E-04	1.46E-06	5.41E-03	8.73E-03	5.40E-03	1.33E-05	0.00E+00	4.00E-07	1.95E-03	0.00E+00	0.00E+00	8.73E-03
1202	CARTGRID	1	372800	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.50E-03	8.48E-03	1.32E-05	2.01E-04	1.87E-06	7.50E-03	1.19E-02	7.50E-03	1.34E-05	0.00E+00	4.03E-07	2.08E-03	0.00E+00	0.00E+00	1.19E-02
1203	CARTGRID	1	372900	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.76E-03	1.10E-02	1.72E-05	2.62E-04	2.31E-06	9.77E-03	1.52E-02	9.76E-03	1.32E-05	0.00E+00	4.00E-07	2.19E-03	0.00E+00	0.00E+00	1.52E-02
1204	CARTGRID	1	373000	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-02	1.31E-02	2.04E-05	3.10E-04	2.66E-06	1.16E-02	1.79E-02	1.16E-02	1.31E-05	0.00E+00	3.98E-07	2.26E-03	0.00E+00	0.00E+00	1.79E-02
1205	CARTGRID	1	373100	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.27E-02	1.43E-02	2.23E-05	3.40E-04	2.88E-06	1.27E-02	1.96E-02	1.27E-02	1.30E-05	0.00E+00	3.99E-07	2.30E-03	0.00E+00	0.00E+00	1.96E-02
1206	CARTGRID	1	373200	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-02	1.52E-02	2.37E-05	3.61E-04	3.05E-06	1.35E-02	2.07E-02	1.35E-02	1.36E-05	0.00E+00	4.20E-07	2.40E-03	0.00E+00	0.00E+00	2.07E-02
1207	CARTGRID	1	373300	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-02	1.66E-02	2.58E-05	3.93E-04	3.31E-06	1.47E-02	2.26E-02	1.46E-02	1.45E-05	0.00E+00	4.52E-07	2.58E-03	0.00E+00	0.00E+00	2.26E-02
1208	CARTGRID	1	373400	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.52E-02	1.72E-02	2.67E-05	4.07E-04	3.33E-06	1.52E-02	2.32E-02	1.52E-02	1.17E-05	0.00E+00	3.68E-07	2.26E-03	0.00E+00	0.00E+00	2.32E-02
1209	CARTGRID	1	373500	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-02	1.63E-02	2.54E-05	3.87E-04	3.19E-06	1.44E-02	2.21E-02	1.44E-02	1.17E-05	0.00E+00	3.71E-07	2.22E-03	0.00E+00	0.00E+00	2.21E-02
1210	CARTGRID	1	373600	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.39E-02	1.57E-02	2.44E-05	3.72E-04	3.11E-06	1.39E-02	2.13E-02	1.39E-02	1.27E-05	0.00E+00	4.03E-07	2.30E-03	0.00E+00	0.00E+00	2.13E-02
1211	CARTGRID	1	373700	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-02	1.40E-02	2.18E-05	3.32E-04	2.85E-06	1.24E-02	1.91E-02	1.24E-02	1.37E-05	0.00E+00	4.35E-07	2.33E-03	0.00E+00	0.00E+00	1.91E-02
1212	CARTGRID	1	373800	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-02	1.33E-02	2.07E-05	3.15E-04	2.72E-06	1.17E-02	1.82E-02	1.17E-02	1.34E-05	0.00E+00	4.27E-07	2.26E-03	0.00E+00	0.00E+00	1.82E-02
1213	CARTGRID	1	373900	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.08E-02	1.22E-02	1.90E-05	2.89E-04	2.50E-06	1.08E-02	1.67E-02	1.08E-02	1.26E-05	0.00E+00	4.00E-07	2.10E-03	0.00E+00	0.00E+00	1.67E-02
1214	CARTGRID	1	374000	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-02	1.22E-02	1.89E-05	2.88E-04	2.50E-06	1.08E-02	1.66E-02	1.07E-02	1.27E-05	0.00E+00	4.05E-07	2.12E-03	0.00E+00	0.00E+00	1.66E-02
1215	CARTGRID	1	374100	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.06E-02	1.20E-02	1.87E-05	2.85E-04	2.47E-06	1.06E-02	1.64E-02	1.06E-02	1.25E-05	0.00E+00	4.01E-07	2.10E-03	0.00E+00	0.00E+00	1.64E-02
1216	CARTGRID	1	374200	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-02	1.16E-02	1.80E-05	2.75E-04	2.38E-06	1.02E-02	1.58E-02	1.02E-02	1.19E-05	0.00E+00	3.82E-07	2.01E-03	0.00E+00	0.00E+00	1.58E-02
1217	CARTGRID	1	374300	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-02	1.14E-02	1.77E-05	2.69E-04	2.33E-06	1.00E-02	1.54E-02	1.00E-02	1.14E-05	0.00E+00	3.68E-07	1.94E-03	0.00E+00	0.00E+00	1.54E-02
1218	CARTGRID	1	374400	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-02	1.14E-02	1.78E-05	2.71E-04	2.34E-06	1.01E-02	1.55E-02	1.01E-02	1.12E-05	0.00E+00	3.65E-07	1.93E-03	0.00E+00	0.00E+00	1.55E-02
1219	CARTGRID	1	374500	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-02	1.14E-02	1.77E-05	2.70E-04	2.32E-06	1.01E-02	1.54E-02	1.00E-02	1.08E-05	0.00E+00	3.54E-07	1.89E-03	0.00E+00	0.00E+00	1.54E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1220	CARTGRID	1	374600	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-02	1.15E-02	1.78E-05	2.72E-04	2.33E-06	1.01E-02	1.55E-02	1.01E-02	1.06E-05	0.00E+00	3.49E-07	1.88E-03	0.00E+00	0.00E+00	1.55E-02
1221	CARTGRID	1	374700	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-02	1.15E-02	1.79E-05	2.73E-04	2.33E-06	1.02E-02	1.55E-02	1.02E-02	1.04E-05	0.00E+00	3.44E-07	1.86E-03	0.00E+00	0.00E+00	1.55E-02
1222	CARTGRID	1	374800	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-02	1.15E-02	1.80E-05	2.74E-04	2.33E-06	1.02E-02	1.56E-02	1.02E-02	1.03E-05	0.00E+00	3.41E-07	1.86E-03	0.00E+00	0.00E+00	1.56E-02
1223	CARTGRID	1	374900	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-02	1.15E-02	1.78E-05	2.72E-04	2.31E-06	1.01E-02	1.55E-02	1.01E-02	1.00E-05	0.00E+00	3.34E-07	1.83E-03	0.00E+00	0.00E+00	1.55E-02
1224	CARTGRID	1	375000	3764700	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.97E-03	1.13E-02	1.76E-05	2.67E-04	2.27E-06	9.98E-03	1.52E-02	9.97E-03	9.80E-06	0.00E+00	3.26E-07	1.80E-03	0.00E+00	0.00E+00	1.52E-02
1225	CARTGRID	1	371500	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.33E-04	1.06E-03	1.64E-06	2.51E-05	2.96E-07	9.34E-04	1.56E-03	9.33E-04	3.59E-06	0.00E+00	1.13E-07	4.95E-04	0.00E+00	0.00E+00	1.56E-03
1226	CARTGRID	1	371600	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.91E-04	1.12E-03	1.75E-06	2.67E-05	3.13E-07	9.92E-04	1.66E-03	9.91E-04	3.77E-06	0.00E+00	1.19E-07	5.21E-04	0.00E+00	0.00E+00	1.66E-03
1227	CARTGRID	1	371700	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-03	1.21E-03	1.88E-06	2.87E-05	3.35E-07	1.07E-03	1.78E-03	1.07E-03	4.01E-06	0.00E+00	1.26E-07	5.55E-04	0.00E+00	0.00E+00	1.78E-03
1228	CARTGRID	1	371800	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-03	1.31E-03	2.03E-06	3.11E-05	3.60E-07	1.16E-03	1.92E-03	1.16E-03	4.27E-06	0.00E+00	1.34E-07	5.90E-04	0.00E+00	0.00E+00	1.92E-03
1229	CARTGRID	1	371900	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-03	1.46E-03	2.27E-06	3.47E-05	3.99E-07	1.29E-03	2.14E-03	1.29E-03	4.70E-06	0.00E+00	1.47E-07	6.51E-04	0.00E+00	0.00E+00	2.14E-03
1230	CARTGRID	1	372000	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.48E-03	1.68E-03	2.61E-06	3.99E-05	4.54E-07	1.49E-03	2.46E-03	1.48E-03	5.26E-06	0.00E+00	1.64E-07	7.30E-04	0.00E+00	0.00E+00	2.46E-03
1231	CARTGRID	1	372100	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.70E-03	1.92E-03	2.99E-06	4.57E-05	5.11E-07	1.70E-03	2.80E-03	1.70E-03	5.75E-06	0.00E+00	1.79E-07	8.00E-04	0.00E+00	0.00E+00	2.80E-03
1232	CARTGRID	1	372200	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.15E-03	3.35E-06	5.11E-05	5.68E-07	1.90E-03	3.12E-03	1.90E-03	6.30E-06	0.00E+00	1.97E-07	8.75E-04	0.00E+00	0.00E+00	3.12E-03
1233	CARTGRID	1	372300	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.27E-03	2.57E-03	4.00E-06	6.10E-05	6.39E-07	2.27E-03	3.66E-03	2.27E-03	6.26E-06	0.00E+00	1.95E-07	8.94E-04	0.00E+00	0.00E+00	3.66E-03
1234	CARTGRID	1	372400	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.37E-03	2.68E-03	4.17E-06	6.36E-05	6.58E-07	2.37E-03	3.80E-03	2.37E-03	6.26E-06	0.00E+00	1.96E-07	8.96E-04	0.00E+00	0.00E+00	3.80E-03
1235	CARTGRID	1	372500	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.74E-03	3.10E-03	4.83E-06	7.37E-05	7.77E-07	2.74E-03	4.42E-03	2.74E-03	7.81E-06	0.00E+00	2.41E-07	1.11E-03	0.00E+00	0.00E+00	4.42E-03
1236	CARTGRID	1	372600	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.03E-03	3.43E-03	5.35E-06	8.16E-05	8.89E-07	3.04E-03	4.96E-03	3.03E-03	9.62E-06	0.00E+00	2.96E-07	1.35E-03	0.00E+00	0.00E+00	4.96E-03
1237	CARTGRID	1	372700	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.48E-03	3.94E-03	6.14E-06	9.36E-05	9.90E-07	3.49E-03	5.69E-03	3.48E-03	1.01E-05	0.00E+00	3.09E-07	1.44E-03	0.00E+00	0.00E+00	5.69E-03
1238	CARTGRID	1	372800	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.39E-03	4.97E-03	7.74E-06	1.18E-04	1.17E-06	4.40E-03	7.06E-03	4.39E-03	1.03E-05	0.00E+00	3.11E-07	1.51E-03	0.00E+00	0.00E+00	7.06E-03
1239	CARTGRID	1	372900	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.71E-03	6.46E-03	1.01E-05	1.53E-04	1.43E-06	5.71E-03	9.03E-03	5.71E-03	1.04E-05	0.00E+00	3.15E-07	1.61E-03	0.00E+00	0.00E+00	9.03E-03
1240	CARTGRID	1	373000	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.17E-03	8.11E-03	1.26E-05	1.92E-04	1.72E-06	7.18E-03	1.12E-02	7.17E-03	1.05E-05	0.00E+00	3.18E-07	1.69E-03	0.00E+00	0.00E+00	1.12E-02
1241	CARTGRID	1	373100	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.56E-03	9.69E-03	1.51E-05	2.30E-04	2.00E-06	8.57E-03	1.33E-02	8.56E-03	1.06E-05	0.00E+00	3.25E-07	1.79E-03	0.00E+00	0.00E+00	1.33E-02
1242	CARTGRID	1	373200	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.95E-03	1.13E-02	1.75E-05	2.67E-04	2.30E-06	9.96E-03	1.54E-02	9.95E-03	1.14E-05	0.00E+00	3.52E-07	1.96E-03	0.00E+00	0.00E+00	1.54E-02
1243	CARTGRID	1	373300	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-02	1.31E-02	2.05E-05	3.12E-04	2.65E-06	1.16E-02	1.79E-02	1.16E-02	1.23E-05	0.00E+00	3.80E-07	2.15E-03	0.00E+00	0.00E+00	1.79E-02
1244	CARTGRID	1	373400	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-02	1.41E-02	2.19E-05	3.33E-04	2.80E-06	1.24E-02	1.91E-02	1.24E-02	1.21E-05	0.00E+00	3.78E-07	2.17E-03	0.00E+00	0.00E+00	1.91E-02
1245	CARTGRID	1	373500	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-02	1.30E-02	2.03E-05	3.09E-04	2.63E-06	1.15E-02	1.78E-02	1.15E-02	1.23E-05	0.00E+00	3.84E-07	2.12E-03	0.00E+00	0.00E+00	1.78E-02
1246	CARTGRID	1	373600	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.10E-02	1.24E-02	1.94E-05	2.95E-04	2.52E-06	1.10E-02	1.70E-02	1.10E-02	1.19E-05	0.00E+00	3.74E-07	2.05E-03	0.00E+00	0.00E+00	1.70E-02
1247	CARTGRID	1	373700	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.05E-02	1.19E-02	1.85E-05	2.81E-04	2.41E-06	1.05E-02	1.62E-02	1.05E-02	1.14E-05	0.00E+00	3.61E-07	1.96E-03	0.00E+00	0.00E+00	1.62E-02
1248	CARTGRID	1	373800	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-02	1.13E-02	1.76E-05	2.69E-04	2.30E-06	1.00E-02	1.55E-02	1.00E-02	1.10E-05	0.00E+00	3.48E-07	1.88E-03	0.00E+00	0.00E+00	1.55E-02
1249	CARTGRID	1	373900	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.59E-03	1.09E-02	1.69E-05	2.57E-04	2.21E-06	9.60E-03	1.48E-02	9.59E-03	1.06E-05	0.00E+00	3.36E-07	1.80E-03	0.00E+00	0.00E+00	1.48E-02
1250	CARTGRID	1	374000	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.35E-03	1.06E-02	1.65E-05	2.51E-04	2.16E-06	9.36E-03	1.44E-02	9.35E-03	1.04E-05	0.00E+00	3.33E-07	1.78E-03	0.00E+00	0.00E+00	1.44E-02
1251	CARTGRID	1	374100	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.23E-03	1.04E-02	1.63E-05	2.48E-04	2.14E-06	9.24E-03	1.42E-02	9.23E-03	1.04E-05	0.00E+00	3.34E-07	1.77E-03	0.00E+00	0.00E+00	1.42E-02
1252	CARTGRID	1	374200	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.11E-03	1.03E-02	1.61E-05	2.45E-04	2.11E-06	9.12E-03	1.41E-02	9.11E-03	1.03E-05	0.00E+00	3.32E-07	1.75E-03	0.00E+00	0.00E+00	1.41E-02
1253	CARTGRID	1	374300	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.07E-03	1.03E-02	1.60E-05	2.44E-04	2.10E-06	9.08E-03	1.40E-02	9.07E-03	1.02E-05	0.00E+00	3.31E-07	1.75E-03	0.00E+00	0.00E+00	1.40E-02
1254	CARTGRID	1	374400	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.02E-03	1.02E-02	1.59E-05	2.42E-04	2.09E-06	9.03E-03	1.39E-02	9.02E-03	1.00E-05	0.00E+00	3.26E-07	1.73E-03	0.00E+00	0.00E+00	1.39E-02
1255	CARTGRID	1	374500	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.03E-03	1.02E-02	1.59E-05	2.42E-04	2.09E-06	9.04E-03	1.39E-02	9.03E-03	9.86E-06	0.00E+00	3.23E-07	1.71E-03	0.00E+00	0.00E+00	1.39E-02
1256	CARTGRID	1	374600	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.08E-03	1.03E-02	1.60E-05	2.44E-04	2.09E-06	9.09E-03	1.39E-02	9.08E-03	9.72E-06	0.00E+00	3.20E-07	1.70E-03	0.00E+00	0.00E+00	1.39E-02
1257	CARTGRID	1	374700	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.15E-03	1.04E-02	1.61E-05	2.46E-04	2.11E-06	9.16E-03	1.40E-02	9.15E-03	9.60E-06	0.00E+00	3.18E-07	1.70E-03	0.00E+00	0.00E+00	1.40E-02
1258	CARTGRID	1	374800	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.23E-03	1.04E-02	1.63E-05	2.48E-04	2.12E-06	9.24E-03	1.41E-02	9.23E-03	9.52E-06	0.00E+00	3.16E-07	1.70E-03	0.00E+00	0.00E+00	1.41E-02
1259	CARTGRID	1	374900	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.26E-03	1.05E-02	1.63E-05	2.48E-04	2.12E-06	9.27E-03	1.41E-02	9.26E-03	9.39E-06	0.00E+00	3.12E-07	1.69E-03	0.00E+00	0.00E+00	1.41E-02
1260	CARTGRID	1	375000	3764800	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.20E-03	1.04E-02	1.62E-05	2.47E-04	2.10E-06	9.21E-03	1.41E-02	9.20E-03	9.19E-06	0.00E+00	3.06E-07	1.67E-03	0.00E+00	0.00E+00	1.41E-02
1261	CARTGRID	1	371500	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.51E-04	9.63E-04	1.50E-06	2.29E-05	2.67E-07	8.52E-04	1.42E-03	8.51E-04	3.19E-06	0.00E+00	1.01E-07	4.43E-04	0.00E+00	0.00E+00	1.42E-03
1262	CARTGRID	1	371600	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.00E-04	1.02E-03	1.59E-06	2.42E-05	2.81E-07	9.01E-04	1.50E-03	9.00E-04	3.31E-06	0.00E+00	1.05E-07	4.60E-04	0.00E+00	0.00E+00	1.50E-03
1263	CARTGRID	1	371700	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.62E-04	1.09E-03	1.69E-06	2.59E-05	2.97E-07	9.63E-04	1.60E-03	9.62E-04	3.44E-06	0.00E+00	1.08E-07	4.80E-04	0.00E+00	0.00E+00	1.60E-03
1264	CARTGRID	1	371800	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.04E-03	1.18E-03	1.83E-06	2.80E-05	3.17E-07	1.04E-03	1.72E-03	1.04E-03	3.62E-06	0.00E+00	1.14E-07	5.06E-04	0.00E+00	0.00E+00	1.72E-03
1265	CARTGRID	1	371900	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.30E-03	2.02E-06	3.08E-05	3.44E-07	1.15E-03	1.89E-03	1.15E-03	3.84E-06	0.00E+00	1.20E-07	5.39E-04	0.00E+00	0.00E+00	1.89E-03
1266	CARTGRID	1	372000	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.51E-03	2.35E-06	3.59E-05	3.98E-07	1.34E-03	2.20E-03	1.33E-03	4.38E-06	0.00E+00	1.37E-07	6.16E-04	0.00E+00	0.00E+00	2.20E-03
1267	CARTGRID	1	372100	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-03	1.66E-03	2.58E-06	3.93E-05	4.29E-07	1.46E-03	2.39E-03	1.46E-03	4.59E-06	0.00E+00	1.43E-07	6.47E-04	0.00E+00	0.00E+00	2.39E-03
1268	CARTGRID	1	372200	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-03	1.82E-03	2.84E-06	4.33E-05	4.71E-07	1.61E-03	2.63E-03	1.61E-03	4.98E-06	0.00E+00	1.56E-07	7.02E-04	0.00E+00	0.00E+00	2.63E-03
1269	CARTGRID	1	372300	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.80E-03	2.03E-03	3.16E-06	4.83E-05	5.19E-07	1.80E-03	2.92E-03	1.80E-03	5.38E-06	0.00E+00	1.68E-07	7.62E-04	0.00E+00	0.00E+00	2.92E-03
1270	CARTGRID	1	372400	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-03	2.29E-03	3.56E-06	5.43E-05	5.58E-07	2.02E-03	3.24E-03	2.02E-03	5.25E-06	0.00E+00	1.63E-07	7.60E-04	0.00E+00	0.00E+00	3.24E-03
1271	CARTGRID	1	372500	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.21E-03	2.50E-03	3.89E-06	5.93E-05	6.01E-07	2.21E-03	3.53E-03	2.21E-03	5.47E-06	0.00E+00	1.70E-07	7.97E-04	0.00E+00	0.00E+00	3.53E-03
1272	CARTGRID	1	372600	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.36E-03	2.67E-03	4.16E-06	6.35E-05	6.85E-07	2.36E-03	3.85E-03	2.36E-03	7.23E-06	0.00E+00	2.24E-07	1.02E-03	0.00E+00	0.00E+00	3.85E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1273	CARTGRID	1	372700	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.62E-03	2.97E-03	4.62E-06	7.05E-05	7.55E-07	2.63E-03	4.28E-03	2.62E-03	7.87E-06	0.00E+00	2.42E-07	1.11E-03	0.00E+00	0.00E+00	4.28E-03
1274	CARTGRID	1	372800	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.01E-03	3.41E-03	5.31E-06	8.09E-05	8.32E-07	3.01E-03	4.87E-03	3.01E-03	7.97E-06	0.00E+00	2.44E-07	1.15E-03	0.00E+00	0.00E+00	4.87E-03
1275	CARTGRID	1	372900	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.68E-03	4.16E-03	6.48E-06	9.88E-05	9.64E-07	3.68E-03	5.88E-03	3.68E-03	8.05E-06	0.00E+00	2.46E-07	1.20E-03	0.00E+00	0.00E+00	5.88E-03
1276	CARTGRID	1	373000	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.60E-03	5.21E-03	8.11E-06	1.24E-04	1.16E-06	4.61E-03	7.28E-03	4.60E-03	8.38E-06	0.00E+00	2.56E-07	1.29E-03	0.00E+00	0.00E+00	7.28E-03
1277	CARTGRID	1	373100	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.65E-03	6.39E-03	9.95E-06	1.52E-04	1.37E-06	5.65E-03	8.85E-03	5.64E-03	8.64E-06	0.00E+00	2.64E-07	1.38E-03	0.00E+00	0.00E+00	8.85E-03
1278	CARTGRID	1	373200	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.75E-03	7.64E-03	1.19E-05	1.81E-04	1.60E-06	6.76E-03	1.05E-02	6.75E-03	9.08E-06	0.00E+00	2.79E-07	1.49E-03	0.00E+00	0.00E+00	1.05E-02
1279	CARTGRID	1	373300	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.22E-03	9.30E-03	1.45E-05	2.21E-04	1.92E-06	8.23E-03	1.28E-02	8.22E-03	1.03E-05	0.00E+00	3.16E-07	1.72E-03	0.00E+00	0.00E+00	1.28E-02
1280	CARTGRID	1	373400	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.73E-03	9.88E-03	1.54E-05	2.34E-04	2.02E-06	8.74E-03	1.35E-02	8.73E-03	1.02E-05	0.00E+00	3.17E-07	1.73E-03	0.00E+00	0.00E+00	1.35E-02
1281	CARTGRID	1	373500	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.95E-03	1.01E-02	1.58E-05	2.40E-04	2.06E-06	8.96E-03	1.38E-02	8.95E-03	9.96E-06	0.00E+00	3.11E-07	1.71E-03	0.00E+00	0.00E+00	1.38E-02
1282	CARTGRID	1	373600	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.14E-03	1.03E-02	1.61E-05	2.45E-04	2.10E-06	9.15E-03	1.41E-02	9.14E-03	9.98E-06	0.00E+00	3.13E-07	1.72E-03	0.00E+00	0.00E+00	1.41E-02
1283	CARTGRID	1	373700	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.00E-03	1.02E-02	1.58E-05	2.41E-04	2.06E-06	9.00E-03	1.39E-02	9.00E-03	9.60E-06	0.00E+00	3.02E-07	1.66E-03	0.00E+00	0.00E+00	1.39E-02
1284	CARTGRID	1	373800	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.88E-03	1.00E-02	1.56E-05	2.38E-04	2.03E-06	8.89E-03	1.37E-02	8.88E-03	9.47E-06	0.00E+00	3.00E-07	1.64E-03	0.00E+00	0.00E+00	1.37E-02
1285	CARTGRID	1	373900	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.68E-03	9.83E-03	1.53E-05	2.33E-04	1.99E-06	8.69E-03	1.34E-02	8.68E-03	9.27E-06	0.00E+00	2.95E-07	1.60E-03	0.00E+00	0.00E+00	1.34E-02
1286	CARTGRID	1	374000	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.53E-03	9.66E-03	1.50E-05	2.29E-04	1.96E-06	8.54E-03	1.32E-02	8.53E-03	9.21E-06	0.00E+00	2.94E-07	1.59E-03	0.00E+00	0.00E+00	1.32E-02
1287	CARTGRID	1	374100	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.41E-03	9.52E-03	1.48E-05	2.26E-04	1.94E-06	8.42E-03	1.30E-02	8.41E-03	9.18E-06	0.00E+00	2.94E-07	1.58E-03	0.00E+00	0.00E+00	1.30E-02
1288	CARTGRID	1	374200	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.36E-03	9.46E-03	1.47E-05	2.24E-04	1.93E-06	8.36E-03	1.29E-02	8.36E-03	9.24E-06	0.00E+00	2.97E-07	1.58E-03	0.00E+00	0.00E+00	1.29E-02
1289	CARTGRID	1	374300	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.31E-03	9.40E-03	1.46E-05	2.23E-04	1.92E-06	8.32E-03	1.28E-02	8.31E-03	9.24E-06	0.00E+00	2.99E-07	1.58E-03	0.00E+00	0.00E+00	1.28E-02
1290	CARTGRID	1	374400	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.28E-03	9.37E-03	1.46E-05	2.22E-04	1.92E-06	8.29E-03	1.27E-02	8.28E-03	9.19E-06	0.00E+00	2.98E-07	1.58E-03	0.00E+00	0.00E+00	1.27E-02
1291	CARTGRID	1	374500	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.25E-03	9.34E-03	1.45E-05	2.21E-04	1.91E-06	8.26E-03	1.27E-02	8.25E-03	9.07E-06	0.00E+00	2.96E-07	1.57E-03	0.00E+00	0.00E+00	1.27E-02
1292	CARTGRID	1	374600	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.27E-03	9.36E-03	1.46E-05	2.22E-04	1.91E-06	8.28E-03	1.27E-02	8.27E-03	8.99E-06	0.00E+00	2.95E-07	1.57E-03	0.00E+00	0.00E+00	1.27E-02
1293	CARTGRID	1	374700	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.32E-03	9.42E-03	1.47E-05	2.23E-04	1.92E-06	8.33E-03	1.28E-02	8.32E-03	8.92E-06	0.00E+00	2.94E-07	1.56E-03	0.00E+00	0.00E+00	1.28E-02
1294	CARTGRID	1	374800	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.39E-03	9.49E-03	1.48E-05	2.25E-04	1.93E-06	8.40E-03	1.29E-02	8.39E-03	8.85E-06	0.00E+00	2.93E-07	1.57E-03	0.00E+00	0.00E+00	1.29E-02
1295	CARTGRID	1	374900	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.45E-03	9.56E-03	1.49E-05	2.27E-04	1.94E-06	8.45E-03	1.29E-02	8.45E-03	8.76E-06	0.00E+00	2.91E-07	1.56E-03	0.00E+00	0.00E+00	1.29E-02
1296	CARTGRID	1	375000	3764900	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.45E-03	9.56E-03	1.49E-05	2.27E-04	1.94E-06	8.46E-03	1.29E-02	8.45E-03	8.61E-06	0.00E+00	2.87E-07	1.55E-03	0.00E+00	0.00E+00	1.29E-02
1297	SENSITIV	Star Sch	371655	3764335	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-03	1.95E-03	3.03E-06	4.64E-05	6.00E-07	1.72E-03	2.96E-03	1.72E-03	8.41E-06	0.00E+00	2.63E-07	1.12E-03	0.00E+00	0.00E+00	2.96E-03
1298	SENSITIV	Village	371602	3765015	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.22E-04	9.30E-04	1.45E-06	2.21E-05	2.53E-07	8.22E-04	1.36E-03	8.21E-04	2.92E-06	0.00E+00	9.22E-08	4.08E-04	0.00E+00	0.00E+00	1.36E-03
1299	SENSITIV	Linwood	371458	3765442	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.79E-04	6.56E-04	1.02E-06	1.56E-05	1.75E-07	5.80E-04	9.53E-04	5.79E-04	1.92E-06	0.00E+00	6.12E-08	2.71E-04	0.00E+00	0.00E+00	9.53E-04
1300	SENSITIV	Willows	372537	3765521	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.63E-04	9.77E-04	1.52E-06	2.32E-05	2.38E-07	8.64E-04	1.39E-03	8.63E-04	2.20E-06	0.00E+00	6.95E-08	3.21E-04	0.00E+00	0.00E+00	1.39E-03
1301	SENSITIV	Baldwin	373913	3765441	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.54E-03	4.00E-03	6.23E-06	9.49E-05	8.48E-07	3.54E-03	5.51E-03	3.53E-03	5.01E-06	0.00E+00	1.58E-07	8.11E-04	0.00E+00	0.00E+00	5.51E-03
1302	SENSITIV	Hillcres	375384	3764569	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.90E-03	1.01E-02	1.57E-05	2.39E-04	2.03E-06	8.91E-03	1.36E-02	8.90E-03	9.02E-06	0.00E+00	2.95E-07	1.67E-03	0.00E+00	0.00E+00	1.36E-02
1303	SENSITIV	Windssor	374735	3762558	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.53E-04	9.69E-04	1.50E-06	2.33E-05	6.50E-07	8.54E-04	1.76E-03	8.53E-04	1.49E-05	0.00E+00	4.83E-07	1.76E-03	0.00E+00	0.00E+00	1.76E-03
1304	SENSITIV	Communit	374502	3761177	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.49E-04	7.35E-04	1.14E-06	1.75E-05	1.99E-07	6.49E-04	1.06E-03	6.49E-04	2.30E-06	0.00E+00	7.22E-08	3.29E-04	0.00E+00	0.00E+00	1.06E-03
1305	SENSITIV	ICEF Sch	373575	3761806	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-03	1.48E-03	2.30E-06	3.53E-05	5.93E-07	1.31E-03	2.38E-03	1.30E-03	1.13E-05	0.00E+00	3.37E-07	1.49E-03	0.00E+00	0.00E+00	2.38E-03
1306	SENSITIV	La Tijer	373549	3760990	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.96E-04	6.75E-04	1.05E-06	1.61E-05	2.28E-07	5.97E-04	1.03E-03	5.96E-04	3.58E-06	0.00E+00	1.12E-07	4.82E-04	0.00E+00	0.00E+00	1.03E-03
1307	SENSITIV	Frank Pa	372980	3761081	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.91E-04	7.84E-04	1.22E-06	1.87E-05	2.76E-07	6.92E-04	1.22E-03	6.91E-04	4.68E-06	0.00E+00	1.41E-07	6.39E-04	0.00E+00	0.00E+00	1.22E-03
1308	SENSITIV	El Rinco	371566	3762615	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.15E-03	3.35E-06	5.12E-05	6.26E-07	1.90E-03	3.21E-03	1.90E-03	8.04E-06	0.00E+00	2.54E-07	1.11E-03	0.00E+00	0.00E+00	3.21E-03
1309	SENSITIV	West La	372008	3763263	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.97E-03	4.49E-03	6.99E-06	1.07E-04	1.23E-06	3.97E-03	6.65E-03	3.97E-03	1.44E-05	0.00E+00	4.54E-07	1.98E-03	0.00E+00	0.00E+00	6.65E-03
1310	SENSITIV	We LA Co	372011	3763812	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.37E-03	4.95E-03	7.69E-06	1.18E-04	1.46E-06	4.37E-03	7.71E-03	4.37E-03	1.95E-05	0.00E+00	6.07E-07	2.59E-03	0.00E+00	0.00E+00	7.71E-03
1311	SENSITIV	Culver C	370802	3763850	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-03	1.15E-03	1.79E-06	2.75E-05	3.48E-07	1.02E-03	1.75E-03	1.02E-03	4.66E-06	0.00E+00	1.48E-07	6.32E-04	0.00E+00	0.00E+00	1.75E-03
1312	CENSUS	0	372901	3765440	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-03	1.32E-03	2.06E-06	3.14E-05	3.21E-07	1.17E-03	1.88E-03	1.17E-03	2.97E-06	0.00E+00	9.27E-08	4.32E-04	0.00E+00	0.00E+00	1.88E-03
1313	CENSUS	0	372959.8	3765435	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.24E-03	1.41E-03	2.19E-06	3.34E-05	3.40E-07	1.24E-03	2.00E-03	1.24E-03	3.10E-06	0.00E+00	9.68E-08	4.53E-04	0.00E+00	0.00E+00	2.00E-03
1314	CENSUS	0	372842.8	3765524	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-03	1.13E-03	1.77E-06	2.69E-05	2.76E-07	1.00E-03	1.61E-03	1.00E-03	2.54E-06	0.00E+00	7.98E-08	3.71E-04	0.00E+00	0.00E+00	1.61E-03
1315	CENSUS	66	373420.8	3765485	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-03	2.17E-03	3.37E-06	5.14E-05	4.94E-07	1.92E-03	3.04E-03	1.91E-03	3.84E-06	0.00E+00	1.20E-07	5.81E-04	0.00E+00	0.00E+00	3.04E-03
1316	CENSUS	29	373545.6	3765515	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.09E-03	2.36E-03	3.68E-06	5.61E-05	5.32E-07	2.09E-03	3.30E-03	2.09E-03	3.95E-06	0.00E+00	1.23E-07	6.04E-04	0.00E+00	0.00E+00	3.30E-03
1317	CENSUS	44	375225.2	3761771	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.34E-04	7.17E-04	1.12E-06	1.70E-05	1.94E-07	6.34E-04	1.03E-03	6.33E-04	2.21E-06	0.00E+00	6.99E-08	3.14E-04	0.00E+00	0.00E+00	1.03E-03
1318	CENSUS	0	375106.2	3761773	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.73E-04	7.63E-04	1.19E-06	1.81E-05	2.10E-07	6.74E-04	1.10E-03	6.73E-04	2.45E-06	0.00E+00	7.78E-08	3.45E-04	0.00E+00	0.00E+00	1.10E-03
1319	CENSUS	14	375102.8	3761696	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.44E-04	7.29E-04	1.13E-06	1.73E-05	2.00E-07	6.45E-04	1.05E-03	6.44E-04	2.32E-06	0.00E+00	7.40E-08	3.28E-04	0.00E+00	0.00E+00	1.05E-03
1320	CENSUS	633	373341.1	3764878	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.23E-03	1.04E-02	1.63E-05	2.48E-04	2.14E-06	9.24E-03	1.43E-02	9.23E-03	1.08E-05	0.00E+00	3.33E-07	1.83E-03	0.00E+00	0.00E+00	1.43E-02
1321	CENSUS	0	374183.5	3763735	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.74E-02	1.97E-02	3.06E-05	4.67E-04	4.05E-06	1.74E-02	2.65E-02	1.74E-02	1.94E-05	0.00E+00	6.59E-07	3.59E-03	0.00E+00	0.00E+00	2.65E-02
1322	CENSUS	62	374306.4	3764163	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-02	2.01E-02	3.13E-05	4.77E-04	4.01E-06	1.78E-02	2.70E-02	1.78E-02	1.48E-05	0.00E+00	5.35E-07	2.83E-03	0.00E+00	0.00E+00	2.70E-02
1323	CENSUS	200	374206.1	3764354	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.81E-02	2.05E-02	3.18E-05	4.85E-04	4.13E-06	1.81E-02	2.76E-02	1.81E-02	1.82E-05	0.00E+00	6.00E-07	3.24E-03	0.00E+00	0.00E+00	2.76E-02
1324	CENSUS	0	373212.5	3764361	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-02	2.25E-02	3.50E-05	5.33E-04	4.61E-06	1.99E-02	3.10E-02	1.99E-02	2.30E-05	0.00E+00	7.34E-07	3.80E-03	0.00E+00	0.00E+00	3.10E-02
1325	CENSUS	64	373975.1	3764905	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.53E-03	9.65E-03	1.50E-05	2.29E-04	1.96E-06	8.54E-03	1.32E-02	8.53E-03	9.17E-06	0.00E+00	2.92E-07	1.58E-03	0.00E+00	0.00E+00	1.32E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1326	CENSUS	0	374058.3	3763929	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.82E-02	3.19E-02	4.96E-05	7.56E-04	6.41E-06	2.82E-02	4.27E-02	2.82E-02	2.59E-05	0.00E+00	9.06E-07	4.85E-03	0.00E+00	0.00E+00	4.27E-02
1327	CENSUS	0	373575.9	3764344	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-02	1.95E-02	3.04E-05	4.63E-04	4.02E-06	1.73E-02	2.67E-02	1.72E-02	2.02E-05	0.00E+00	6.52E-07	3.33E-03	0.00E+00	0.00E+00	2.67E-02
1328	CENSUS	0	373533.5	3763998	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.75E-02	3.11E-02	4.84E-05	7.37E-04	6.49E-06	2.75E-02	4.22E-02	2.75E-02	3.48E-05	0.00E+00	1.13E-06	5.58E-03	0.00E+00	0.00E+00	4.22E-02
1329	CENSUS	0	373574.1	3763737	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.86E-02	1.00E-01	1.56E-04	2.38E-03	1.96E-05	8.87E-02	1.33E-01	8.86E-02	6.98E-05	0.00E+00	2.30E-06	1.32E-02	0.00E+00	0.00E+00	1.33E-01
1330	CENSUS	0	373994.8	3763455	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.20E-02	3.62E-02	5.62E-05	8.60E-04	9.28E-06	3.20E-02	4.97E-02	3.20E-02	9.48E-05	0.00E+00	3.04E-06	1.29E-02	0.00E+00	0.00E+00	4.97E-02
1331	CENSUS	0	373228.7	3764370	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-02	2.20E-02	3.43E-05	5.23E-04	4.52E-06	1.95E-02	3.04E-02	1.95E-02	2.26E-05	0.00E+00	7.22E-07	3.73E-03	0.00E+00	0.00E+00	3.04E-02
1332	CENSUS	0	373570.9	3763152	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.92E-02	4.44E-02	6.90E-05	1.05E-03	9.50E-06	3.93E-02	6.15E-02	3.92E-02	1.13E-04	0.00E+00	1.83E-06	2.23E-02	0.00E+00	0.00E+00	6.15E-02
1333	CENSUS	0	374562.5	3762669	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-03	1.37E-03	2.13E-06	3.31E-05	9.43E-07	1.21E-03	2.56E-03	1.21E-03	2.20E-05	0.00E+00	7.07E-07	2.60E-03	0.00E+00	0.00E+00	2.60E-03
1334	CENSUS	0	374586.4	3762717	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.30E-03	2.02E-06	3.14E-05	9.20E-07	1.15E-03	2.44E-03	1.15E-03	2.16E-05	0.00E+00	6.96E-07	2.56E-03	0.00E+00	0.00E+00	2.56E-03
1335	CENSUS	0	373224	3764274	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.03E-02	2.30E-02	3.58E-05	5.46E-04	4.88E-06	2.04E-02	3.21E-02	2.03E-02	2.80E-05	0.00E+00	9.03E-07	4.37E-03	0.00E+00	0.00E+00	3.21E-02
1336	CENSUS	0	373399.9	3763529	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.95E-02	1.01E-01	1.58E-04	2.41E-03	2.83E-05	8.96E-02	1.36E-01	8.95E-02	3.28E-04	0.00E+00	1.08E-05	4.25E-02	0.00E+00	0.00E+00	1.36E-01
1337	CENSUS	0	374207.1	3763730	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.70E-02	1.93E-02	3.00E-05	4.58E-04	3.96E-06	1.71E-02	2.59E-02	1.70E-02	1.88E-05	0.00E+00	6.33E-07	3.49E-03	0.00E+00	0.00E+00	2.59E-02
1338	CENSUS	0	374002.6	3763649	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.59E-02	2.94E-02	4.56E-05	6.96E-04	6.14E-06	2.60E-02	3.96E-02	2.59E-02	3.32E-05	0.00E+00	1.08E-06	5.89E-03	0.00E+00	0.00E+00	3.96E-02
1339	CENSUS	58	373923.7	3764375	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.47E-02	1.66E-02	2.58E-05	3.93E-04	3.34E-06	1.47E-02	2.24E-02	1.47E-02	1.43E-05	0.00E+00	4.75E-07	2.50E-03	0.00E+00	0.00E+00	2.24E-02
1340	CENSUS	0	373211.1	3763939	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.02E-02	3.42E-02	5.33E-05	8.13E-04	8.12E-06	3.03E-02	4.85E-02	3.02E-02	6.76E-05	0.00E+00	2.21E-06	9.37E-03	0.00E+00	0.00E+00	4.85E-02
1341	CENSUS	0	374739.8	3764202	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-02	1.63E-02	2.54E-05	3.87E-04	3.30E-06	1.45E-02	2.20E-02	1.44E-02	1.49E-05	0.00E+00	4.78E-07	2.78E-03	0.00E+00	0.00E+00	2.20E-02
1342	CENSUS	0	374567.6	3763540	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.97E-02	2.23E-02	3.48E-05	5.30E-04	4.40E-06	1.98E-02	3.01E-02	1.97E-02	2.02E-05	0.00E+00	5.39E-07	3.97E-03	0.00E+00	0.00E+00	3.01E-02
1343	CENSUS	0	373553.1	3762847	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.16E-02	1.32E-02	2.05E-05	3.14E-04	4.59E-06	1.17E-02	2.10E-02	1.16E-02	8.57E-05	0.00E+00	2.32E-06	1.22E-02	0.00E+00	0.00E+00	2.10E-02
1344	CENSUS	0	373535	3762809	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-02	1.14E-02	1.77E-05	2.71E-04	3.42E-06	1.01E-02	1.73E-02	1.01E-02	5.78E-05	0.00E+00	1.46E-06	8.79E-03	0.00E+00	0.00E+00	1.73E-02
1345	CENSUS	281	373791.6	3765248	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.74E-03	5.37E-03	8.36E-06	1.27E-04	1.12E-06	4.75E-03	7.37E-03	4.74E-03	6.07E-06	0.00E+00	1.91E-07	1.01E-03	0.00E+00	0.00E+00	7.37E-03
1346	CENSUS	28	373496.8	3765365	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.65E-03	3.00E-03	4.68E-06	7.13E-05	6.64E-07	2.66E-03	4.18E-03	2.65E-03	4.68E-06	0.00E+00	1.46E-07	7.24E-04	0.00E+00	0.00E+00	4.18E-03
1347	CENSUS	49	373469.1	3765289	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.04E-03	3.44E-03	5.36E-06	8.17E-05	7.54E-07	3.05E-03	4.79E-03	3.04E-03	5.13E-06	0.00E+00	1.59E-07	8.01E-04	0.00E+00	0.00E+00	4.79E-03
1348	CENSUS	42	373683.4	3765283	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.97E-03	4.49E-03	6.99E-06	1.07E-04	9.51E-07	3.97E-03	6.19E-03	3.97E-03	5.62E-06	0.00E+00	1.76E-07	9.10E-04	0.00E+00	0.00E+00	6.19E-03
1349	CENSUS	51	373675.1	3765195	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.83E-03	5.46E-03	8.50E-06	1.30E-04	1.14E-06	4.83E-03	7.50E-03	4.83E-03	6.26E-06	0.00E+00	1.96E-07	1.04E-03	0.00E+00	0.00E+00	7.50E-03
1350	CENSUS	63	373464.1	3765195	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.82E-03	4.32E-03	6.73E-06	1.03E-04	9.28E-07	3.83E-03	5.98E-03	3.82E-03	5.85E-06	0.00E+00	1.81E-07	9.31E-04	0.00E+00	0.00E+00	5.98E-03
1351	CENSUS	57	373658.4	3765109	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.81E-03	6.58E-03	1.02E-05	1.56E-04	1.35E-06	5.82E-03	9.01E-03	5.81E-03	6.98E-06	0.00E+00	2.18E-07	1.18E-03	0.00E+00	0.00E+00	9.01E-03
1352	CENSUS	61	373538.4	3765085	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.57E-03	6.31E-03	9.82E-06	1.50E-04	1.31E-06	5.58E-03	8.65E-03	5.57E-03	7.01E-06	0.00E+00	2.18E-07	1.17E-03	0.00E+00	0.00E+00	8.65E-03
1353	CENSUS	63	373553.3	3765033	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.45E-03	7.30E-03	1.14E-05	1.73E-04	1.50E-06	6.46E-03	1.00E-02	6.45E-03	7.61E-06	0.00E+00	2.37E-07	1.29E-03	0.00E+00	0.00E+00	1.00E-02
1354	CENSUS	93	373563	3764944	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.17E-03	9.25E-03	1.44E-05	2.19E-04	1.88E-06	8.18E-03	1.26E-02	8.17E-03	9.09E-06	0.00E+00	2.84E-07	1.56E-03	0.00E+00	0.00E+00	1.26E-02
1355	CENSUS	36	373327.1	3765246	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.79E-03	3.16E-03	4.91E-06	7.49E-05	7.04E-07	2.79E-03	4.41E-03	2.79E-03	5.12E-06	0.00E+00	1.59E-07	7.87E-04	0.00E+00	0.00E+00	4.41E-03
1356	CENSUS	7	373281.8	3765223	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.77E-03	3.13E-03	4.87E-06	7.43E-05	7.01E-07	2.77E-03	4.37E-03	2.77E-03	5.20E-06	0.00E+00	1.61E-07	7.95E-04	0.00E+00	0.00E+00	4.37E-03
1357	CENSUS	281	373157.1	3765299	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.96E-03	2.22E-03	3.46E-06	5.27E-05	5.17E-07	1.97E-03	3.13E-03	1.96E-03	4.32E-06	0.00E+00	1.34E-07	6.43E-04	0.00E+00	0.00E+00	3.13E-03
1358	CENSUS	165	373021.9	3765293	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-03	1.88E-03	2.93E-06	4.47E-05	4.49E-07	1.67E-03	2.67E-03	1.66E-03	4.00E-06	0.00E+00	1.24E-07	5.87E-04	0.00E+00	0.00E+00	2.67E-03
1359	CENSUS	0	372873.5	3765268	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-03	1.65E-03	2.56E-06	3.91E-05	4.01E-07	1.46E-03	2.34E-03	1.45E-03	3.76E-06	0.00E+00	1.17E-07	5.45E-04	0.00E+00	0.00E+00	2.34E-03
1360	CENSUS	0	372868.1	3765410	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-03	1.33E-03	2.07E-06	3.16E-05	3.24E-07	1.18E-03	1.89E-03	1.18E-03	3.02E-06	0.00E+00	9.42E-08	4.39E-04	0.00E+00	0.00E+00	1.89E-03
1361	CENSUS	0	372829.3	3765399	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.31E-03	2.03E-06	3.10E-05	3.19E-07	1.16E-03	1.86E-03	1.15E-03	2.98E-06	0.00E+00	9.33E-08	4.34E-04	0.00E+00	0.00E+00	1.86E-03
1362	CENSUS	0	372798.7	3765409	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.96E-06	2.99E-05	3.08E-07	1.11E-03	1.79E-03	1.11E-03	2.88E-06	0.00E+00	9.02E-08	4.19E-04	0.00E+00	0.00E+00	1.79E-03
1363	CENSUS	0	372822.8	3765083	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-03	2.16E-03	3.37E-06	5.14E-05	5.31E-07	1.91E-03	3.09E-03	1.91E-03	5.08E-06	0.00E+00	1.57E-07	7.32E-04	0.00E+00	0.00E+00	3.09E-03
1364	CENSUS	219	373159.3	3765138	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.85E-03	3.23E-03	5.03E-06	7.66E-05	7.32E-07	2.86E-03	4.53E-03	2.85E-03	5.65E-06	0.00E+00	1.74E-07	8.57E-04	0.00E+00	0.00E+00	4.53E-03
1365	CENSUS	34	373100.9	3765105	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.83E-03	3.21E-03	4.99E-06	7.61E-05	7.32E-07	2.83E-03	4.50E-03	2.83E-03	5.82E-06	0.00E+00	1.79E-07	8.76E-04	0.00E+00	0.00E+00	4.50E-03
1366	CENSUS	0	372877	3765011	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.47E-03	2.79E-03	4.35E-06	6.63E-05	6.71E-07	2.47E-03	3.97E-03	2.47E-03	6.14E-06	0.00E+00	1.89E-07	8.95E-04	0.00E+00	0.00E+00	3.97E-03
1367	CENSUS	0	372787.6	3765009	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.15E-03	2.43E-03	3.78E-06	5.77E-05	6.00E-07	2.15E-03	3.47E-03	2.15E-03	5.85E-06	0.00E+00	1.80E-07	8.40E-04	0.00E+00	0.00E+00	3.47E-03
1368	CENSUS	86	375028.5	3763952	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.20E-02	1.36E-02	2.12E-05	3.23E-04	2.75E-06	1.20E-02	1.84E-02	1.20E-02	1.32E-05	0.00E+00	4.01E-07	2.46E-03	0.00E+00	0.00E+00	1.84E-02
1369	CENSUS	45	374938.3	3763776	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.04E-02	1.18E-02	1.84E-05	2.80E-04	2.38E-06	1.05E-02	1.60E-02	1.04E-02	1.14E-05	0.00E+00	3.43E-07	2.12E-03	0.00E+00	0.00E+00	1.60E-02
1370	CENSUS	312	375139.4	3763557	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.85E-03	7.75E-03	1.21E-05	1.84E-04	1.68E-06	6.86E-03	1.07E-02	6.85E-03	1.17E-05	0.00E+00	3.41E-07	1.91E-03	0.00E+00	0.00E+00	1.07E-02
1371	CENSUS	36	374915.5	3763494	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.97E-03	9.02E-03	1.40E-05	2.14E-04	1.90E-06	7.98E-03	1.23E-02	7.97E-03	1.16E-05	0.00E+00	3.40E-07	1.96E-03	0.00E+00	0.00E+00	1.23E-02
1372	CENSUS	38	374990.1	3763475	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.20E-03	8.14E-03	1.27E-05	1.93E-04	1.76E-06	7.20E-03	1.12E-02	7.20E-03	1.21E-05	0.00E+00	3.55E-07	1.97E-03	0.00E+00	0.00E+00	1.12E-02
1373	CENSUS	573	374849.3	3763917	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-02	1.38E-02	2.14E-05	3.27E-04	2.79E-06	1.22E-02	1.86E-02	1.22E-02	1.30E-05	0.00E+00	4.09E-07	2.42E-03	0.00E+00	0.00E+00	1.86E-02
1374	CENSUS	115	374642.6	3763262	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.55E-03	8.54E-03	1.33E-05	2.03E-04	1.87E-06	7.55E-03	1.18E-02	7.55E-03	1.35E-05	0.00E+00	3.99E-07	2.14E-03	0.00E+00	0.00E+00	1.18E-02
1375	CENSUS	40	374737.6	3763481	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-02	1.15E-02	1.78E-05	2.72E-04	2.32E-06	1.01E-02	1.55E-02	1.01E-02	1.20E-05	0.00E+00	3.43E-07	2.17E-03	0.00E+00	0.00E+00	1.55E-02
1376	CENSUS	249	374658.5	3762976	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.73E-03	1.96E-03	3.05E-06	4.68E-05	8.13E-07	1.73E-03	3.19E-03	1.73E-03	1.51E-05	0.00E+00	4.75E-07	1.89E-03	0.00E+00	0.00E+00	3.19E-03
1377	CENSUS	188	374799.3	3763250	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.20E-03	5.88E-03	9.16E-06	1.40E-04	1.42E-06	5.20E-03	8.30E-03	5.20E-03	1.35E-05	0.00E+00	4.07E-07	1.98E-03	0.00E+00	0.00E+00	8.30E-03
1378	CENSUS	58	374819.5	3763469	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.85E-03	1.00E-02	1.56E-05	2.38E-04	2.08E-06	8.86E-03	1.36E-02	8.85E-03	1.19E-05	0.00E+00	3.47E-07	2.07E-03	0.00E+00	0.00E+00	1.36E-02

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1379	CENSUS	0	374907.2	3763185	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.75E-03	4.24E-03	6.60E-06	1.01E-04	1.17E-06	3.75E-03	6.19E-03	3.75E-03	1.46E-05	0.00E+00	4.40E-07	2.03E-03	0.00E+00	0.00E+00	6.19E-03
1380	CENSUS	29	374018.1	3761062	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.70E-04	7.59E-04	1.18E-06	1.81E-05	2.19E-07	6.71E-04	1.11E-03	6.70E-04	2.82E-06	0.00E+00	8.82E-08	3.94E-04	0.00E+00	0.00E+00	1.11E-03
1381	CENSUS	29	373923	3761058	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.64E-04	7.52E-04	1.17E-06	1.79E-05	2.25E-07	6.65E-04	1.11E-03	6.64E-04	3.03E-06	0.00E+00	9.44E-08	4.19E-04	0.00E+00	0.00E+00	1.11E-03
1382	CENSUS	35	373820.9	3761065	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.58E-04	7.45E-04	1.16E-06	1.77E-05	2.32E-07	6.59E-04	1.11E-03	6.58E-04	3.32E-06	0.00E+00	1.03E-07	4.53E-04	0.00E+00	0.00E+00	1.11E-03
1383	CENSUS	47	373706	3761051	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.39E-04	7.24E-04	1.12E-06	1.72E-05	2.36E-07	6.39E-04	1.09E-03	6.39E-04	3.55E-06	0.00E+00	1.11E-07	4.80E-04	0.00E+00	0.00E+00	1.09E-03
1384	CENSUS	32	373605.3	3761063	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.28E-04	7.11E-04	1.11E-06	1.69E-05	2.40E-07	6.28E-04	1.08E-03	6.28E-04	3.77E-06	0.00E+00	1.17E-07	5.06E-04	0.00E+00	0.00E+00	1.08E-03
1385	CENSUS	7	373549.5	3761089	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.35E-04	7.20E-04	1.12E-06	1.71E-05	2.48E-07	6.36E-04	1.10E-03	6.35E-04	3.98E-06	0.00E+00	1.24E-07	5.33E-04	0.00E+00	0.00E+00	1.10E-03
1386	CENSUS	0	373507	3761025	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.04E-04	6.85E-04	1.06E-06	1.63E-05	2.36E-07	6.05E-04	1.05E-03	6.04E-04	3.76E-06	0.00E+00	1.17E-07	5.04E-04	0.00E+00	0.00E+00	1.05E-03
1387	CENSUS	8	373475.3	3761070	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.29E-04	7.13E-04	1.11E-06	1.70E-05	2.49E-07	6.29E-04	1.10E-03	6.29E-04	4.06E-06	0.00E+00	1.26E-07	5.42E-04	0.00E+00	0.00E+00	1.10E-03
1388	CENSUS	14	373533.3	3760999	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.97E-04	6.77E-04	1.05E-06	1.61E-05	2.30E-07	5.98E-04	1.03E-03	5.97E-04	3.64E-06	0.00E+00	1.13E-07	4.88E-04	0.00E+00	0.00E+00	1.03E-03
1389	CENSUS	2	373409.9	3761067	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.31E-04	7.15E-04	1.11E-06	1.70E-05	2.53E-07	6.32E-04	1.10E-03	6.31E-04	4.17E-06	0.00E+00	1.29E-07	5.57E-04	0.00E+00	0.00E+00	1.10E-03
1390	CENSUS	17	373395.3	3761068	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.33E-04	7.17E-04	1.11E-06	1.71E-05	2.54E-07	6.33E-04	1.11E-03	6.33E-04	4.20E-06	0.00E+00	1.30E-07	5.61E-04	0.00E+00	0.00E+00	1.11E-03
1391	CENSUS	8	373341.4	3761064	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.35E-04	7.20E-04	1.12E-06	1.72E-05	2.56E-07	6.36E-04	1.11E-03	6.35E-04	4.27E-06	0.00E+00	1.32E-07	5.72E-04	0.00E+00	0.00E+00	1.11E-03
1392	CENSUS	1	372462.7	3765415	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.27E-04	1.05E-03	1.63E-06	2.49E-05	2.56E-07	9.28E-04	1.49E-03	9.27E-04	2.38E-06	0.00E+00	7.50E-08	3.47E-04	0.00E+00	0.00E+00	1.49E-03
1393	CENSUS	0	372420.1	3765502	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.42E-04	9.53E-04	1.48E-06	2.26E-05	2.32E-07	8.42E-04	1.35E-03	8.41E-04	2.14E-06	0.00E+00	6.76E-08	3.12E-04	0.00E+00	0.00E+00	1.35E-03
1394	CENSUS	0	372381.5	3765473	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.51E-04	9.63E-04	1.50E-06	2.29E-05	2.35E-07	8.51E-04	1.37E-03	8.50E-04	2.17E-06	0.00E+00	6.86E-08	3.17E-04	0.00E+00	0.00E+00	1.37E-03
1395	CENSUS	0	372325.7	3765515	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.02E-04	9.08E-04	1.41E-06	2.16E-05	2.22E-07	8.03E-04	1.29E-03	8.02E-04	2.04E-06	0.00E+00	6.48E-08	2.99E-04	0.00E+00	0.00E+00	1.29E-03
1396	CENSUS	0	372221.5	3765533	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.56E-04	8.56E-04	1.33E-06	2.03E-05	2.10E-07	7.57E-04	1.22E-03	7.56E-04	1.96E-06	0.00E+00	6.24E-08	2.87E-04	0.00E+00	0.00E+00	1.22E-03
1397	CENSUS	0	372123.8	3765552	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.14E-04	8.08E-04	1.26E-06	1.92E-05	2.00E-07	7.15E-04	1.15E-03	7.14E-04	1.89E-06	0.00E+00	6.03E-08	2.76E-04	0.00E+00	0.00E+00	1.15E-03
1398	CENSUS	52	372049.8	3765430	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.68E-04	8.69E-04	1.35E-06	2.06E-05	2.16E-07	7.69E-04	1.24E-03	7.68E-04	2.09E-06	0.00E+00	6.62E-08	3.03E-04	0.00E+00	0.00E+00	1.24E-03
1399	CENSUS	357	371834.3	3765189	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.51E-04	9.63E-04	1.50E-06	2.29E-05	2.47E-07	8.52E-04	1.39E-03	8.51E-04	2.54E-06	0.00E+00	8.03E-08	3.63E-04	0.00E+00	0.00E+00	1.39E-03
1400	CENSUS	34	371751.7	3765300	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.50E-04	8.50E-04	1.32E-06	2.02E-05	2.18E-07	7.51E-04	1.22E-03	7.50E-04	2.26E-06	0.00E+00	7.17E-08	3.23E-04	0.00E+00	0.00E+00	1.22E-03
1401	CENSUS	38	371719.6	3765252	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.54E-04	8.54E-04	1.33E-06	2.03E-05	2.22E-07	7.55E-04	1.23E-03	7.54E-04	2.35E-06	0.00E+00	7.46E-08	3.35E-04	0.00E+00	0.00E+00	1.23E-03
1402	CENSUS	0	372407	3765342	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.65E-04	1.09E-03	1.70E-06	2.59E-05	2.67E-07	9.66E-04	1.55E-03	9.65E-04	2.49E-06	0.00E+00	7.85E-08	3.62E-04	0.00E+00	0.00E+00	1.55E-03
1403	CENSUS	0	372195.6	3765359	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.54E-04	9.67E-04	1.50E-06	2.30E-05	2.39E-07	8.55E-04	1.38E-03	8.54E-04	2.29E-06	0.00E+00	7.24E-08	3.32E-04	0.00E+00	0.00E+00	1.38E-03
1404	CENSUS	0	372209.9	3765471	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.87E-04	8.91E-04	1.39E-06	2.12E-05	2.20E-07	7.88E-04	1.27E-03	7.87E-04	2.07E-06	0.00E+00	6.57E-08	3.02E-04	0.00E+00	0.00E+00	1.27E-03
1405	CENSUS	0	372318.3	3765472	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.28E-04	9.37E-04	1.46E-06	2.22E-05	2.29E-07	8.29E-04	1.33E-03	8.28E-04	2.12E-06	0.00E+00	6.72E-08	3.10E-04	0.00E+00	0.00E+00	1.33E-03
1406	CENSUS	30	371687.3	3765205	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.58E-04	8.59E-04	1.34E-06	2.04E-05	2.26E-07	7.59E-04	1.25E-03	7.58E-04	2.45E-06	0.00E+00	7.76E-08	3.47E-04	0.00E+00	0.00E+00	1.25E-03
1407	CENSUS	37	371656.4	3765155	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.67E-04	8.69E-04	1.35E-06	2.06E-05	2.31E-07	7.68E-04	1.26E-03	7.67E-04	2.56E-06	0.00E+00	8.10E-08	3.61E-04	0.00E+00	0.00E+00	1.26E-03
1408	CENSUS	0	372554.2	3765547	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.48E-04	9.60E-04	1.49E-06	2.28E-05	2.34E-07	8.49E-04	1.36E-03	8.48E-04	2.16E-06	0.00E+00	6.83E-08	3.16E-04	0.00E+00	0.00E+00	1.36E-03
1409	CENSUS	0	372606	3765678	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.72E-04	8.74E-04	1.36E-06	2.08E-05	2.13E-07	7.73E-04	1.24E-03	7.72E-04	1.96E-06	0.00E+00	6.19E-08	2.86E-04	0.00E+00	0.00E+00	1.24E-03
1410	CENSUS	0	372396.9	3765534	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.12E-04	9.20E-04	1.43E-06	2.18E-05	2.24E-07	8.13E-04	1.31E-03	8.12E-04	2.06E-06	0.00E+00	6.51E-08	3.01E-04	0.00E+00	0.00E+00	1.31E-03
1411	CENSUS	0	372360.3	3765572	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.77E-04	8.79E-04	1.37E-06	2.09E-05	2.14E-07	7.78E-04	1.25E-03	7.77E-04	1.96E-06	0.00E+00	6.22E-08	2.88E-04	0.00E+00	0.00E+00	1.25E-03
1412	CENSUS	0	372721.1	3765447	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-03	1.14E-03	1.77E-06	2.71E-05	2.78E-07	1.01E-03	1.62E-03	1.01E-03	2.59E-06	0.00E+00	8.14E-08	3.77E-04	0.00E+00	0.00E+00	1.62E-03
1413	CENSUS	0	372799.3	3765492	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-03	1.14E-03	1.77E-06	2.70E-05	2.77E-07	1.01E-03	1.62E-03	1.01E-03	2.56E-06	0.00E+00	8.05E-08	3.74E-04	0.00E+00	0.00E+00	1.62E-03
1414	CENSUS	0	372770.7	3765454	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.17E-03	1.81E-06	2.77E-05	2.84E-07	1.03E-03	1.66E-03	1.03E-03	2.64E-06	0.00E+00	8.29E-08	3.85E-04	0.00E+00	0.00E+00	1.66E-03
1415	CENSUS	662	371497.6	3764797	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.35E-04	1.06E-03	1.65E-06	2.52E-05	2.96E-07	9.36E-04	1.56E-03	9.34E-04	3.60E-06	0.00E+00	1.13E-07	4.97E-04	0.00E+00	0.00E+00	1.56E-03
1416	CENSUS	773	371396.8	3764431	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-03	1.38E-03	2.15E-06	3.28E-05	4.04E-07	1.22E-03	2.07E-03	1.22E-03	5.26E-06	0.00E+00	1.65E-07	7.14E-04	0.00E+00	0.00E+00	2.07E-03
1417	CENSUS	166	371309.1	3764308	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-03	1.42E-03	2.20E-06	3.37E-05	4.16E-07	1.25E-03	2.13E-03	1.25E-03	5.45E-06	0.00E+00	1.72E-07	7.39E-04	0.00E+00	0.00E+00	2.13E-03
1418	CENSUS	106	371226.4	3764019	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.38E-06	3.65E-05	4.57E-07	1.35E-03	2.33E-03	1.35E-03	6.11E-06	0.00E+00	1.93E-07	8.25E-04	0.00E+00	0.00E+00	2.33E-03
1419	CENSUS	110	371078.9	3764147	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-03	1.28E-03	1.99E-06	3.04E-05	3.79E-07	1.13E-03	1.93E-03	1.13E-03	4.98E-06	0.00E+00	1.57E-07	6.76E-04	0.00E+00	0.00E+00	1.93E-03
1420	CENSUS	85	371094.6	3764225	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.25E-03	1.95E-06	2.98E-05	3.68E-07	1.11E-03	1.88E-03	1.10E-03	4.79E-06	0.00E+00	1.52E-07	6.52E-04	0.00E+00	0.00E+00	1.88E-03
1421	CENSUS	70	371153.4	3764282	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.27E-03	1.98E-06	3.02E-05	3.72E-07	1.12E-03	1.91E-03	1.12E-03	4.83E-06	0.00E+00	1.53E-07	6.57E-04	0.00E+00	0.00E+00	1.91E-03
1422	CENSUS	102	371233.9	3764297	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-03	1.34E-03	2.09E-06	3.19E-05	3.93E-07	1.19E-03	2.02E-03	1.18E-03	5.12E-06	0.00E+00	1.61E-07	6.96E-04	0.00E+00	0.00E+00	2.02E-03
1423	CENSUS	0	372713.9	3765399	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.06E-03	1.20E-03	1.86E-06	2.84E-05	2.93E-07	1.06E-03	1.70E-03	1.06E-03	2.74E-06	0.00E+00	8.61E-08	3.99E-04	0.00E+00	0.00E+00	1.70E-03
1424	CENSUS	0	372586.7	3765375	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-03	1.15E-03	1.78E-06	2.72E-05	2.80E-07	1.01E-03	1.63E-03	1.01E-03	2.61E-06	0.00E+00	8.21E-08	3.80E-04	0.00E+00	0.00E+00	1.63E-03
1425	CENSUS	0	372480.2	3765352	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.87E-04	1.12E-03	1.74E-06	2.65E-05	2.73E-07	9.88E-04	1.59E-03	9.87E-04	2.54E-06	0.00E+00	8.01E-08	3.70E-04	0.00E+00	0.00E+00	1.59E-03
1426	CENSUS	0	372531.9	3765339	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.16E-03	1.81E-06	2.76E-05	2.84E-07	1.03E-03	1.65E-03	1.03E-03	2.66E-06	0.00E+00	8.35E-08	3.86E-04	0.00E+00	0.00E+00	1.65E-03
1427	CENSUS	0	372642.3	3765257	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-03	1.37E-03	2.12E-06	3.24E-05	3.37E-07	1.21E-03	1.95E-03	1.21E-03	3.22E-06	0.00E+00	1.01E-07	4.65E-04	0.00E+00	0.00E+00	1.95E-03
1428	CENSUS	0	372416.3	3765153	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.26E-03	1.42E-03	2.22E-06	3.38E-05	3.57E-07	1.26E-03	2.04E-03	1.26E-03	3.57E-06	0.00E+00	1.12E-07	5.10E-04	0.00E+00	0.00E+00	2.04E-03
1429	CENSUS	0	372217.1	3765220	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.89E-04	1.12E-03	1.74E-06	2.66E-05	2.80E-07	9.90E-04	1.60E-03	9.89E-04	2.73E-06	0.00E+00	8.61E-08	3.94E-04	0.00E+00	0.00E+00	1.60E-03
1430	CENSUS	212	372450.8	3764735	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.91E-03	3.30E-03	5.13E-06	7.84E-05	8.52E-07	2.92E-03	4.71E-03	2.91E-03	9.00E-06	0.00E+00	2.82E-07	1.25E-03	0.00E+00	0.00E+00	4.71E-03
1431	CENSUS	0	372036.2	3764782	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.58E-03	1.79E-03	2.79E-06	4.26E-05	4.85E-07	1.59E-03	2.62E-03	1.58E-03	5.63E-06	0.00E+00	1.76E-07	7.80E-04	0.00E+00	0.00E+00	2.62E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1432	CENSUS	0	372034.9	3764706	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-03	1.98E-03	3.09E-06	4.72E-05	5.60E-07	1.75E-03	2.92E-03	1.75E-03	6.97E-06	0.00E+00	2.18E-07	9.47E-04	0.00E+00	0.00E+00	2.92E-03
1433	CENSUS	62	372915.7	3764767	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.01E-03	7.93E-03	1.24E-05	1.88E-04	1.71E-06	7.01E-03	1.10E-02	7.01E-03	1.12E-05	0.00E+00	3.40E-07	1.78E-03	0.00E+00	0.00E+00	1.10E-02
1434	CENSUS	65	372537.7	3764939	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.16E-03	2.45E-03	3.81E-06	5.81E-05	5.91E-07	2.16E-03	3.47E-03	2.16E-03	5.46E-06	0.00E+00	1.69E-07	7.95E-04	0.00E+00	0.00E+00	3.47E-03
1435	CENSUS	73	372932.7	3764692	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.09E-02	1.23E-02	1.92E-05	2.92E-04	2.53E-06	1.09E-02	1.69E-02	1.09E-02	1.34E-05	0.00E+00	4.07E-07	2.27E-03	0.00E+00	0.00E+00	1.69E-02
1436	CENSUS	100	373106.8	3764954	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.64E-03	5.26E-03	8.19E-06	1.25E-04	1.15E-06	4.65E-03	7.31E-03	4.64E-03	7.78E-06	0.00E+00	2.38E-07	1.22E-03	0.00E+00	0.00E+00	7.31E-03
1437	CENSUS	0	372965.9	3765052	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.59E-03	2.93E-03	4.56E-06	6.95E-05	6.89E-07	2.59E-03	4.14E-03	2.59E-03	5.96E-06	0.00E+00	1.83E-07	8.80E-04	0.00E+00	0.00E+00	4.14E-03
1438	CENSUS	0	373142.4	3764462	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-02	2.34E-02	3.64E-05	5.55E-04	4.71E-06	2.07E-02	3.20E-02	2.07E-02	2.13E-05	0.00E+00	6.71E-07	3.68E-03	0.00E+00	0.00E+00	3.20E-02
1439	CENSUS	0	373121.6	3764677	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.39E-02	1.57E-02	2.45E-05	3.72E-04	3.13E-06	1.39E-02	2.14E-02	1.39E-02	1.37E-05	0.00E+00	4.22E-07	2.45E-03	0.00E+00	0.00E+00	2.14E-02
1440	CENSUS	0	373197.2	3764355	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.03E-02	2.30E-02	3.57E-05	5.44E-04	4.71E-06	2.03E-02	3.16E-02	2.03E-02	2.34E-05	0.00E+00	7.49E-07	3.87E-03	0.00E+00	0.00E+00	3.16E-02
1441	CENSUS	0	373178.1	3764352	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.08E-02	2.36E-02	3.67E-05	5.59E-04	4.83E-06	2.09E-02	3.25E-02	2.08E-02	2.39E-05	0.00E+00	7.63E-07	3.96E-03	0.00E+00	0.00E+00	3.25E-02
1442	CENSUS	0	372846.7	3764410	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.76E-02	4.25E-02	6.62E-05	1.01E-03	8.46E-06	3.76E-02	5.80E-02	3.76E-02	3.62E-05	0.00E+00	1.13E-06	6.45E-03	0.00E+00	0.00E+00	5.80E-02
1443	CENSUS	143	372012	3764401	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.77E-03	3.14E-03	4.89E-06	7.50E-05	1.26E-06	2.78E-03	4.92E-03	2.77E-03	2.27E-05	0.00E+00	7.22E-07	2.81E-03	0.00E+00	0.00E+00	4.92E-03
1444	CENSUS	0	371721.1	3764326	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.89E-03	2.14E-03	3.33E-06	5.09E-05	6.75E-07	1.89E-03	3.26E-03	1.89E-03	9.75E-06	0.00E+00	3.06E-07	1.28E-03	0.00E+00	0.00E+00	3.26E-03
1445	CENSUS	0	371870.6	3764729	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.37E-06	3.63E-05	4.27E-07	1.35E-03	2.25E-03	1.35E-03	5.24E-06	0.00E+00	1.64E-07	7.18E-04	0.00E+00	0.00E+00	2.25E-03
1446	CENSUS	149	372926.7	3764909	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.77E-03	4.27E-03	6.65E-06	1.01E-04	9.80E-07	3.78E-03	6.01E-03	3.77E-03	7.96E-06	0.00E+00	2.43E-07	1.19E-03	0.00E+00	0.00E+00	6.01E-03
1447	CENSUS	61	371808.5	3763959	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.84E-03	3.22E-03	5.01E-06	7.67E-05	9.86E-07	2.85E-03	5.01E-03	2.84E-03	1.38E-05	0.00E+00	4.29E-07	1.83E-03	0.00E+00	0.00E+00	5.01E-03
1448	CENSUS	147	371771.9	3764094	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.49E-03	2.82E-03	4.38E-06	6.71E-05	8.75E-07	2.49E-03	4.36E-03	2.49E-03	1.25E-05	0.00E+00	3.89E-07	1.65E-03	0.00E+00	0.00E+00	4.36E-03
1449	CENSUS	0	372364.4	3765331	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.54E-04	1.08E-03	1.68E-06	2.57E-05	2.65E-07	9.55E-04	1.54E-03	9.54E-04	2.48E-06	0.00E+00	7.82E-08	3.61E-04	0.00E+00	0.00E+00	1.54E-03
1450	CENSUS	0	372104.9	3765282	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.87E-04	1.00E-03	1.56E-06	2.38E-05	2.50E-07	8.88E-04	1.43E-03	8.87E-04	2.42E-06	0.00E+00	7.65E-08	3.50E-04	0.00E+00	0.00E+00	1.43E-03
1451	CENSUS	0	371894.5	3765089	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.63E-04	1.09E-03	1.70E-06	2.59E-05	2.80E-07	9.64E-04	1.57E-03	9.63E-04	2.91E-06	0.00E+00	9.18E-08	4.16E-04	0.00E+00	0.00E+00	1.57E-03
1452	CENSUS	0	371846.6	3765019	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.77E-04	1.11E-03	1.72E-06	2.63E-05	2.90E-07	9.78E-04	1.60E-03	9.77E-04	3.14E-06	0.00E+00	9.88E-08	4.44E-04	0.00E+00	0.00E+00	1.60E-03
1453	CENSUS	0	372067.9	3765218	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.40E-04	1.06E-03	1.66E-06	2.53E-05	2.66E-07	9.41E-04	1.52E-03	9.40E-04	2.59E-06	0.00E+00	8.18E-08	3.74E-04	0.00E+00	0.00E+00	1.52E-03
1454	CENSUS	0	372351.2	3765313	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.65E-04	1.09E-03	1.70E-06	2.59E-05	2.68E-07	9.66E-04	1.55E-03	9.64E-04	2.52E-06	0.00E+00	7.95E-08	3.66E-04	0.00E+00	0.00E+00	1.55E-03
1455	CENSUS	0	371808.9	3764952	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-03	1.14E-03	1.77E-06	2.70E-05	3.03E-07	1.00E-03	1.66E-03	1.00E-03	3.39E-06	0.00E+00	1.07E-07	4.76E-04	0.00E+00	0.00E+00	1.66E-03
1456	CENSUS	11	371665.4	3764558	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-03	1.55E-03	2.40E-06	3.68E-05	4.60E-07	1.37E-03	2.31E-03	1.36E-03	6.14E-06	0.00E+00	1.93E-07	8.24E-04	0.00E+00	0.00E+00	2.31E-03
1457	CENSUS	0	371696.2	3764882	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.75E-04	1.10E-03	1.72E-06	2.62E-05	3.02E-07	9.76E-04	1.62E-03	9.75E-04	3.52E-06	0.00E+00	1.11E-07	4.90E-04	0.00E+00	0.00E+00	1.62E-03
1458	CENSUS	0	371407.9	3763954	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-03	1.88E-03	2.93E-06	4.48E-05	5.65E-07	1.67E-03	2.87E-03	1.66E-03	7.62E-06	0.00E+00	2.39E-07	1.02E-03	0.00E+00	0.00E+00	2.87E-03
1459	CENSUS	0	371540.5	3764003	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.16E-03	3.36E-06	5.13E-05	6.50E-07	1.91E-03	3.30E-03	1.90E-03	8.87E-06	0.00E+00	2.78E-07	1.19E-03	0.00E+00	0.00E+00	3.30E-03
1460	CENSUS	0	371584.4	3764105	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.16E-03	3.35E-06	5.13E-05	6.53E-07	1.91E-03	3.29E-03	1.90E-03	8.98E-06	0.00E+00	2.81E-07	1.20E-03	0.00E+00	0.00E+00	3.29E-03
1461	CENSUS	0	371637.8	3764227	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.86E-03	2.11E-03	3.28E-06	5.02E-05	6.46E-07	1.86E-03	3.22E-03	1.86E-03	9.02E-06	0.00E+00	2.82E-07	1.20E-03	0.00E+00	0.00E+00	3.22E-03
1462	CENSUS	0	371179.4	3763767	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.41E-03	1.60E-03	2.49E-06	3.80E-05	4.81E-07	1.41E-03	2.43E-03	1.41E-03	6.48E-06	0.00E+00	2.05E-07	8.74E-04	0.00E+00	0.00E+00	2.43E-03
1463	CENSUS	0	371475.3	3763853	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.86E-03	2.11E-03	3.28E-06	5.02E-05	6.35E-07	1.87E-03	3.23E-03	1.86E-03	8.60E-06	0.00E+00	2.70E-07	1.15E-03	0.00E+00	0.00E+00	3.23E-03
1464	CENSUS	0	371403.4	3763688	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.81E-03	2.05E-03	3.18E-06	4.87E-05	6.13E-07	1.81E-03	3.12E-03	1.81E-03	8.25E-06	0.00E+00	2.60E-07	1.11E-03	0.00E+00	0.00E+00	3.12E-03
1465	CENSUS	0	371335.7	3763735	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-03	1.88E-03	2.92E-06	4.46E-05	5.64E-07	1.66E-03	2.86E-03	1.66E-03	7.61E-06	0.00E+00	2.40E-07	1.02E-03	0.00E+00	0.00E+00	2.86E-03
1466	CENSUS	115	371224.4	3763694	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.50E-03	1.70E-03	2.65E-06	4.05E-05	5.12E-07	1.50E-03	2.59E-03	1.50E-03	6.90E-06	0.00E+00	2.18E-07	9.31E-04	0.00E+00	0.00E+00	2.59E-03
1467	CENSUS	0	371271.3	3763627	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.60E-03	1.81E-03	2.81E-06	4.31E-05	5.44E-07	1.60E-03	2.76E-03	1.60E-03	7.32E-06	0.00E+00	2.31E-07	9.87E-04	0.00E+00	0.00E+00	2.76E-03
1468	CENSUS	0	371316.1	3763579	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.69E-03	1.91E-03	2.98E-06	4.55E-05	5.74E-07	1.69E-03	2.91E-03	1.69E-03	7.69E-06	0.00E+00	2.43E-07	1.04E-03	0.00E+00	0.00E+00	2.91E-03
1469	CENSUS	0	371342.9	3763554	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.75E-03	1.98E-03	3.08E-06	4.71E-05	5.92E-07	1.75E-03	3.01E-03	1.75E-03	7.91E-06	0.00E+00	2.50E-07	1.07E-03	0.00E+00	0.00E+00	3.01E-03
1470	CENSUS	153	371392.5	3763489	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.86E-03	2.11E-03	3.28E-06	5.02E-05	6.28E-07	1.87E-03	3.21E-03	1.86E-03	8.35E-06	0.00E+00	2.64E-07	1.13E-03	0.00E+00	0.00E+00	3.21E-03
1471	CENSUS	250	371449.6	3763636	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-03	2.18E-03	3.40E-06	5.20E-05	6.52E-07	1.93E-03	3.33E-03	1.93E-03	8.73E-06	0.00E+00	2.75E-07	1.18E-03	0.00E+00	0.00E+00	3.33E-03
1472	CENSUS	357	371572	3763501	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.29E-03	2.60E-03	4.04E-06	6.17E-05	7.62E-07	2.29E-03	3.94E-03	2.29E-03	9.95E-06	0.00E+00	3.13E-07	1.35E-03	0.00E+00	0.00E+00	3.94E-03
1473	CENSUS	267	371498.2	3763457	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.11E-03	2.39E-03	3.71E-06	5.68E-05	7.03E-07	2.11E-03	3.62E-03	2.11E-03	9.23E-06	0.00E+00	2.91E-07	1.25E-03	0.00E+00	0.00E+00	3.62E-03
1474	CENSUS	103	371503.1	3763332	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.13E-03	2.41E-03	3.75E-06	5.74E-05	7.07E-07	2.13E-03	3.65E-03	2.13E-03	9.19E-06	0.00E+00	2.90E-07	1.25E-03	0.00E+00	0.00E+00	3.65E-03
1475	CENSUS	0	371452.8	3763325	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-03	2.28E-03	3.55E-06	5.43E-05	6.72E-07	2.02E-03	3.45E-03	2.01E-03	8.78E-06	0.00E+00	2.77E-07	1.19E-03	0.00E+00	0.00E+00	3.45E-03
1476	CENSUS	0	371530.7	3763261	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.19E-03	2.48E-03	3.86E-06	5.91E-05	7.23E-07	2.19E-03	3.75E-03	2.19E-03	9.33E-06	0.00E+00	2.94E-07	1.27E-03	0.00E+00	0.00E+00	3.75E-03
1477	CENSUS	0	371503.4	3763264	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.13E-03	2.41E-03	3.75E-06	5.73E-05	7.04E-07	2.13E-03	3.64E-03	2.13E-03	9.12E-06	0.00E+00	2.88E-07	1.24E-03	0.00E+00	0.00E+00	3.64E-03
1478	CENSUS	0	371545.2	3763238	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-03	2.52E-03	3.92E-06	5.99E-05	7.32E-07	2.23E-03	3.80E-03	2.22E-03	9.42E-06	0.00E+00	2.97E-07	1.28E-03	0.00E+00	0.00E+00	3.80E-03
1479	CENSUS	0	371560	3763253	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.26E-03	2.56E-03	3.99E-06	6.10E-05	7.45E-07	2.27E-03	3.87E-03	2.26E-03	9.56E-06	0.00E+00	3.01E-07	1.30E-03	0.00E+00	0.00E+00	3.87E-03
1480	CENSUS	536	371659.9	3763977	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.25E-03	2.55E-03	3.96E-06	6.06E-05	7.74E-07	2.25E-03	3.92E-03	2.25E-03	1.07E-05	0.00E+00	3.34E-07	1.42E-03	0.00E+00	0.00E+00	3.92E-03
1481	CENSUS	6	371574.4	3764046	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-03	2.20E-03	3.43E-06	5.24E-05	6.66E-07	1.95E-03	3.37E-03	1.94E-03	9.13E-06	0.00E+00	2.86E-07	1.22E-03	0.00E+00	0.00E+00	3.37E-03
1482	CENSUS	28	371626.8	3763778	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-03	2.62E-03	4.08E-06	6.24E-05	7.84E-07	2.32E-03	4.02E-03	2.32E-03	1.06E-05	0.00E+00	3.31E-07	1.42E-03	0.00E+00	0.00E+00	4.02E-03
1483	CENSUS	428	371569	3763726	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.18E-03	2.47E-03	3.84E-06	5.87E-05	7.36E-07	2.18E-03	3.77E-03	2.18E-03	9.88E-06	0.00E+00	3.10E-07	1.33E-03	0.00E+00	0.00E+00	3.77E-03
1484	CENSUS	45	371610.3	3763757	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-03	2.58E-03	4.01E-06	6.14E-05	7.71E-07	2.28E-03	3.96E-03	2.28E-03	1.04E-05	0.00E+00	3.25E-07	1.39E-03	0.00E+00	0.00E+00	3.96E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1485	CENSUS	277	371558.3	3763797	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.10E-03	2.38E-03	3.70E-06	5.66E-05	7.14E-07	2.10E-03	3.65E-03	2.10E-03	9.66E-06	0.00E+00	3.03E-07	1.29E-03	0.00E+00	0.00E+00	3.65E-03
1486	CENSUS	38	371772.5	3763855	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.80E-03	3.17E-03	4.93E-06	7.54E-05	9.51E-07	2.80E-03	4.90E-03	2.80E-03	1.29E-05	0.00E+00	4.04E-07	1.73E-03	0.00E+00	0.00E+00	4.90E-03
1487	CENSUS	136	371586.9	3763605	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.30E-03	2.60E-03	4.05E-06	6.19E-05	7.69E-07	2.30E-03	3.97E-03	2.30E-03	1.02E-05	0.00E+00	3.19E-07	1.37E-03	0.00E+00	0.00E+00	3.97E-03
1488	CENSUS	52	371497.6	3763698	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-03	2.27E-03	3.54E-06	5.41E-05	6.80E-07	2.01E-03	3.47E-03	2.01E-03	9.13E-06	0.00E+00	2.87E-07	1.23E-03	0.00E+00	0.00E+00	3.47E-03
1489	CENSUS	38	371474	3763778	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-03	2.16E-03	3.36E-06	5.13E-05	6.48E-07	1.91E-03	3.30E-03	1.91E-03	8.76E-06	0.00E+00	2.75E-07	1.18E-03	0.00E+00	0.00E+00	3.30E-03
1490	CENSUS	196	371506.4	3763830	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-03	2.21E-03	3.43E-06	5.25E-05	6.63E-07	1.95E-03	3.38E-03	1.95E-03	8.99E-06	0.00E+00	2.82E-07	1.21E-03	0.00E+00	0.00E+00	3.38E-03
1491	CENSUS	114	372064.5	3762985	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.68E-03	4.17E-03	6.49E-06	9.92E-05	1.16E-06	3.69E-03	6.16E-03	3.68E-03	1.42E-05	0.00E+00	4.42E-07	1.97E-03	0.00E+00	0.00E+00	6.16E-03
1492	CENSUS	0	371858.3	3762941	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.82E-03	3.19E-03	4.96E-06	7.58E-05	8.99E-07	2.82E-03	4.73E-03	2.82E-03	1.11E-05	0.00E+00	3.48E-07	1.53E-03	0.00E+00	0.00E+00	4.73E-03
1493	CENSUS	75	371944.5	3762964	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.17E-03	3.59E-03	5.58E-06	8.53E-05	1.01E-06	3.17E-03	5.31E-03	3.17E-03	1.25E-05	0.00E+00	3.89E-07	1.72E-03	0.00E+00	0.00E+00	5.31E-03
1494	CENSUS	40	371655.6	3763154	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.49E-03	2.81E-03	4.38E-06	6.69E-05	8.06E-07	2.49E-03	4.22E-03	2.49E-03	1.01E-05	0.00E+00	3.19E-07	1.39E-03	0.00E+00	0.00E+00	4.22E-03
1495	CENSUS	0	371545.4	3763192	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-03	2.51E-03	3.90E-06	5.97E-05	7.28E-07	2.22E-03	3.78E-03	2.22E-03	9.34E-06	0.00E+00	2.94E-07	1.27E-03	0.00E+00	0.00E+00	3.78E-03
1496	CENSUS	91	371723.4	3763024	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.57E-03	2.91E-03	4.53E-06	6.92E-05	8.27E-07	2.57E-03	4.34E-03	2.57E-03	1.03E-05	0.00E+00	3.24E-07	1.42E-03	0.00E+00	0.00E+00	4.34E-03
1497	CENSUS	75	371642	3763086	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.41E-03	2.73E-03	4.25E-06	6.49E-05	7.82E-07	2.41E-03	4.09E-03	2.41E-03	9.85E-06	0.00E+00	3.10E-07	1.35E-03	0.00E+00	0.00E+00	4.09E-03
1498	CENSUS	49	372170.8	3762784	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.73E-03	4.22E-03	6.57E-06	1.00E-04	1.18E-06	3.73E-03	6.21E-03	3.73E-03	1.47E-05	0.00E+00	4.51E-07	2.06E-03	0.00E+00	0.00E+00	6.21E-03
1499	CENSUS	42	372066.1	3762716	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.21E-03	3.64E-03	5.66E-06	8.65E-05	1.03E-06	3.21E-03	5.37E-03	3.21E-03	1.31E-05	0.00E+00	4.02E-07	1.83E-03	0.00E+00	0.00E+00	5.37E-03
1500	CENSUS	83	371725.4	3762937	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.48E-03	2.81E-03	4.37E-06	6.67E-05	8.00E-07	2.48E-03	4.18E-03	2.48E-03	1.00E-05	0.00E+00	3.15E-07	1.38E-03	0.00E+00	0.00E+00	4.18E-03
1501	CENSUS	74	371723.3	3762853	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.69E-03	4.19E-06	6.40E-05	7.70E-07	2.38E-03	4.01E-03	2.38E-03	9.69E-06	0.00E+00	3.05E-07	1.34E-03	0.00E+00	0.00E+00	4.01E-03
1502	CENSUS	49	371765.9	3762786	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.39E-03	2.71E-03	4.21E-06	6.44E-05	7.75E-07	2.40E-03	4.03E-03	2.39E-03	9.74E-06	0.00E+00	3.06E-07	1.35E-03	0.00E+00	0.00E+00	4.03E-03
1503	CENSUS	96	371889.3	3762689	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.60E-03	2.95E-03	4.59E-06	7.02E-05	8.43E-07	2.61E-03	4.37E-03	2.60E-03	1.07E-05	0.00E+00	3.33E-07	1.49E-03	0.00E+00	0.00E+00	4.37E-03
1504	CENSUS	34	371732.8	3762672	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.22E-03	2.51E-03	3.90E-06	5.97E-05	7.20E-07	2.22E-03	3.73E-03	2.22E-03	9.11E-06	0.00E+00	2.86E-07	1.26E-03	0.00E+00	0.00E+00	3.73E-03
1505	CENSUS	436	371767.8	3762483	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.15E-03	2.44E-03	3.80E-06	5.80E-05	7.09E-07	2.16E-03	3.63E-03	2.15E-03	9.18E-06	0.00E+00	2.87E-07	1.28E-03	0.00E+00	0.00E+00	3.63E-03
1506	CENSUS	98	371920	3762493	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.38E-03	2.70E-03	4.20E-06	6.41E-05	7.77E-07	2.38E-03	3.99E-03	2.38E-03	1.00E-05	0.00E+00	3.11E-07	1.40E-03	0.00E+00	0.00E+00	3.99E-03
1507	CENSUS	66	371689.4	3762373	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.15E-03	3.35E-06	5.11E-05	6.25E-07	1.90E-03	3.19E-03	1.90E-03	8.04E-06	0.00E+00	2.53E-07	1.12E-03	0.00E+00	0.00E+00	3.19E-03
1508	CENSUS	50	371622.7	3762382	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-03	2.06E-03	3.20E-06	4.89E-05	5.97E-07	1.82E-03	3.05E-03	1.82E-03	7.65E-06	0.00E+00	2.41E-07	1.06E-03	0.00E+00	0.00E+00	3.05E-03
1509	CENSUS	392	371401.2	3763193	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.16E-03	3.35E-06	5.13E-05	6.35E-07	1.91E-03	3.26E-03	1.90E-03	8.30E-06	0.00E+00	2.62E-07	1.13E-03	0.00E+00	0.00E+00	3.26E-03
1510	CENSUS	43	371507.6	3762883	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-03	2.26E-03	3.51E-06	5.37E-05	6.57E-07	2.00E-03	3.38E-03	1.99E-03	8.43E-06	0.00E+00	2.66E-07	1.16E-03	0.00E+00	0.00E+00	3.38E-03
1511	CENSUS	308	371301.1	3762783	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.85E-03	2.88E-06	4.40E-05	5.48E-07	1.64E-03	2.78E-03	1.63E-03	7.19E-06	0.00E+00	2.28E-07	9.87E-04	0.00E+00	0.00E+00	2.78E-03
1512	CENSUS	28	371534.9	3762968	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.10E-03	2.38E-03	3.70E-06	5.65E-05	6.89E-07	2.10E-03	3.56E-03	2.10E-03	8.80E-06	0.00E+00	2.78E-07	1.21E-03	0.00E+00	0.00E+00	3.56E-03
1513	CENSUS	63	371498.7	3762805	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-03	2.18E-03	3.39E-06	5.19E-05	6.36E-07	1.93E-03	3.27E-03	1.93E-03	8.20E-06	0.00E+00	2.59E-07	1.13E-03	0.00E+00	0.00E+00	3.27E-03
1514	CENSUS	62	371481.2	3762724	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.85E-03	2.09E-03	3.25E-06	4.97E-05	6.12E-07	1.85E-03	3.13E-03	1.85E-03	7.92E-06	0.00E+00	2.50E-07	1.09E-03	0.00E+00	0.00E+00	3.13E-03
1515	CENSUS	43	370950.8	3763635	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-03	1.37E-03	2.12E-06	3.25E-05	4.12E-07	1.21E-03	2.07E-03	1.21E-03	5.53E-06	0.00E+00	1.76E-07	7.50E-04	0.00E+00	0.00E+00	2.07E-03
1516	CENSUS	36	371014.3	3763681	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-03	1.42E-03	2.21E-06	3.38E-05	4.28E-07	1.26E-03	2.16E-03	1.25E-03	5.75E-06	0.00E+00	1.83E-07	7.78E-04	0.00E+00	0.00E+00	2.16E-03
1517	CENSUS	39	371112.5	3763729	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.52E-03	2.37E-06	3.63E-05	4.59E-07	1.35E-03	2.32E-03	1.35E-03	6.18E-06	0.00E+00	1.96E-07	8.34E-04	0.00E+00	0.00E+00	2.32E-03
1518	CENSUS	16	371068	3763710	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.30E-03	1.47E-03	2.29E-06	3.51E-05	4.44E-07	1.30E-03	2.24E-03	1.30E-03	5.97E-06	0.00E+00	1.89E-07	8.07E-04	0.00E+00	0.00E+00	2.24E-03
1519	CENSUS	30	371172.8	3763573	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.47E-03	1.67E-03	2.59E-06	3.97E-05	5.02E-07	1.47E-03	2.54E-03	1.47E-03	6.75E-06	0.00E+00	2.14E-07	9.13E-04	0.00E+00	0.00E+00	2.54E-03
1520	CENSUS	60	371113.8	3763552	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.40E-03	1.59E-03	2.47E-06	3.78E-05	4.79E-07	1.40E-03	2.41E-03	1.40E-03	6.44E-06	0.00E+00	2.04E-07	8.72E-04	0.00E+00	0.00E+00	2.41E-03
1521	CENSUS	49	371036.8	3763524	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.32E-03	1.49E-03	2.32E-06	3.55E-05	4.51E-07	1.32E-03	2.27E-03	1.32E-03	6.07E-06	0.00E+00	1.93E-07	8.22E-04	0.00E+00	0.00E+00	2.27E-03
1522	CENSUS	42	371052.3	3763404	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.36E-03	1.54E-03	2.39E-06	3.66E-05	4.64E-07	1.36E-03	2.33E-03	1.36E-03	6.26E-06	0.00E+00	1.99E-07	8.49E-04	0.00E+00	0.00E+00	2.33E-03
1523	CENSUS	52	371133.7	3763394	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.46E-03	1.65E-03	2.57E-06	3.93E-05	4.98E-07	1.46E-03	2.51E-03	1.46E-03	6.69E-06	0.00E+00	2.12E-07	9.07E-04	0.00E+00	0.00E+00	2.51E-03
1524	CENSUS	36	371194.8	3763385	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.54E-03	1.75E-03	2.72E-06	4.16E-05	5.26E-07	1.55E-03	2.66E-03	1.54E-03	7.04E-06	0.00E+00	2.23E-07	9.54E-04	0.00E+00	0.00E+00	2.66E-03
1525	CENSUS	127	371269.8	3763366	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.66E-03	1.88E-03	2.93E-06	4.48E-05	5.64E-07	1.67E-03	2.86E-03	1.66E-03	7.51E-06	0.00E+00	2.38E-07	1.02E-03	0.00E+00	0.00E+00	2.86E-03
1526	CENSUS	0	373203	3763987	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.78E-02	3.15E-02	4.91E-05	7.48E-04	7.21E-06	2.79E-02	4.42E-02	2.78E-02	5.41E-05	0.00E+00	1.77E-06	7.72E-03	0.00E+00	0.00E+00	4.42E-02
1527	CENSUS	0	373195	3764147	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.31E-02	2.61E-02	4.07E-05	6.20E-04	5.87E-06	2.31E-02	3.80E-02	2.31E-02	4.19E-05	0.00E+00	1.37E-06	6.07E-03	0.00E+00	0.00E+00	3.80E-02
1528	CENSUS	0	373134.4	3763873	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.43E-02	3.89E-02	6.06E-05	9.24E-04	9.90E-06	3.44E-02	5.69E-02	3.43E-02	9.70E-05	0.00E+00	3.18E-06	1.29E-02	0.00E+00	0.00E+00	5.69E-02
1529	CENSUS	0	372896	3763942	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.40E-02	6.11E-02	9.52E-05	1.45E-03	1.32E-05	5.40E-02	8.64E-02	5.40E-02	8.08E-05	0.00E+00	2.66E-06	1.21E-02	0.00E+00	0.00E+00	8.64E-02
1530	CENSUS	3	372453.4	3763403	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-02	1.16E-02	1.81E-05	2.76E-04	2.98E-06	1.03E-02	1.69E-02	1.03E-02	3.07E-05	0.00E+00	9.76E-07	4.21E-03	0.00E+00	0.00E+00	1.69E-02
1531	CENSUS	0	372744.3	3763050	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.06E-02	1.20E-02	1.87E-05	2.86E-04	3.07E-06	1.06E-02	1.71E-02	1.06E-02	3.17E-05	0.00E+00	9.88E-07	4.47E-03	0.00E+00	0.00E+00	1.71E-02
1532	CENSUS	0	371869.5	3763199	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.22E-03	3.64E-03	5.67E-06	8.67E-05	1.02E-06	3.22E-03	5.42E-03	3.22E-03	1.22E-05	0.00E+00	3.85E-07	1.68E-03	0.00E+00	0.00E+00	5.42E-03
1533	CENSUS	0	371777.5	3763439	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.01E-03	3.40E-03	5.29E-06	8.09E-05	9.70E-07	3.01E-03	5.13E-03	3.00E-03	1.22E-05	0.00E+00	3.82E-07	1.65E-03	0.00E+00	0.00E+00	5.13E-03
1534	CENSUS	0	372348.3	3762361	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.64E-03	2.99E-03	4.65E-06	7.12E-05	8.92E-07	2.65E-03	4.44E-03	2.64E-03	1.25E-05	0.00E+00	3.73E-07	1.78E-03	0.00E+00	0.00E+00	4.44E-03
1535	CENSUS	0	372016.6	3763473	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.30E-03	4.87E-03	7.58E-06	1.16E-04	1.34E-06	4.30E-03	7.28E-03	4.30E-03	1.59E-05	0.00E+00	5.00E-07	2.16E-03	0.00E+00	0.00E+00	7.28E-03
1536	CENSUS	0	371863.5	3763739	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.37E-03	3.82E-03	5.94E-06	9.07E-05	1.11E-06	3.37E-03	5.87E-03	3.37E-03	1.46E-05	0.00E+00	4.56E-07	1.96E-03	0.00E+00	0.00E+00	5.87E-03
1537	CENSUS	0	372555.4	3762456	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.08E-03	3.49E-03	5.43E-06	8.31E-05	1.05E-06	3.09E-03	5.19E-03	3.08E-03	1.52E-05	0.00E+00	4.43E-07	2.18E-03	0.00E+00	0.00E+00	5.19E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1538	CENSUS	0	371738.5	3763277	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.80E-03	3.17E-03	4.93E-06	7.54E-05	9.01E-07	2.80E-03	4.75E-03	2.80E-03	1.12E-05	0.00E+00	3.53E-07	1.53E-03	0.00E+00	0.00E+00	4.75E-03
1539	CENSUS	0	372637.9	3762622	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.12E-03	4.66E-03	7.25E-06	1.11E-04	1.37E-06	4.12E-03	6.88E-03	4.12E-03	1.91E-05	0.00E+00	5.61E-07	2.73E-03	0.00E+00	0.00E+00	6.88E-03
1540	CENSUS	0	372440	3762515	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.33E-03	3.77E-03	5.87E-06	8.97E-05	1.10E-06	3.33E-03	5.57E-03	3.33E-03	1.52E-05	0.00E+00	4.51E-07	2.16E-03	0.00E+00	0.00E+00	5.57E-03
1541	CENSUS	0	373264	3763172	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-02	1.86E-02	2.89E-05	4.44E-04	6.51E-06	1.65E-02	2.91E-02	1.64E-02	1.08E-04	0.00E+00	3.29E-06	1.42E-02	0.00E+00	0.00E+00	2.91E-02
1542	CENSUS	0	373201.5	3763633	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.29E-01	3.72E-01	5.80E-04	8.81E-03	6.81E-05	3.29E-01	4.93E-01	3.29E-01	1.13E-04	0.00E+00	3.78E-06	3.13E-02	0.00E+00	0.00E+00	4.93E-01
1543	CENSUS	0	373315.4	3763250	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.24E-02	2.54E-02	3.95E-05	6.05E-04	8.20E-06	2.25E-02	3.83E-02	2.24E-02	1.24E-04	0.00E+00	3.81E-06	1.65E-02	0.00E+00	0.00E+00	3.83E-02
1544	CENSUS	0	373488.4	3762855	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-02	1.34E-02	2.08E-05	3.17E-04	3.82E-06	1.18E-02	2.02E-02	1.18E-02	6.21E-05	0.00E+00	1.52E-06	9.69E-03	0.00E+00	0.00E+00	2.02E-02
1545	CENSUS	0	373186.9	3762877	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.92E-03	8.97E-03	1.39E-05	2.13E-04	2.55E-06	7.93E-03	1.34E-02	7.92E-03	3.45E-05	0.00E+00	9.92E-07	4.95E-03	0.00E+00	0.00E+00	1.34E-02
1546	CENSUS	0	372130.8	3762233	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.15E-03	2.43E-03	3.78E-06	5.78E-05	7.22E-07	2.15E-03	3.60E-03	2.15E-03	9.85E-06	0.00E+00	3.01E-07	1.39E-03	0.00E+00	0.00E+00	3.60E-03
1547	CENSUS	0	372145.7	3762269	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.23E-03	2.53E-03	3.93E-06	6.02E-05	7.49E-07	2.24E-03	3.75E-03	2.23E-03	1.02E-05	0.00E+00	3.11E-07	1.44E-03	0.00E+00	0.00E+00	3.75E-03
1548	CENSUS	0	372250.9	3762215	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.12E-03	2.40E-03	3.74E-06	5.72E-05	7.19E-07	2.13E-03	3.57E-03	2.12E-03	1.00E-05	0.00E+00	3.03E-07	1.42E-03	0.00E+00	0.00E+00	3.57E-03
1549	CENSUS	0	372302.1	3762158	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.03E-03	2.30E-03	3.57E-06	5.46E-05	6.95E-07	2.03E-03	3.42E-03	2.03E-03	9.91E-06	0.00E+00	2.98E-07	1.41E-03	0.00E+00	0.00E+00	3.42E-03
1550	CENSUS	0	372423.9	3762256	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-03	2.58E-03	4.01E-06	6.14E-05	7.83E-07	2.28E-03	3.85E-03	2.28E-03	1.13E-05	0.00E+00	3.36E-07	1.62E-03	0.00E+00	0.00E+00	3.85E-03
1551	CENSUS	0	372491.9	3762335	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.62E-03	2.96E-03	4.61E-06	7.05E-05	8.99E-07	2.62E-03	4.42E-03	2.62E-03	1.32E-05	0.00E+00	3.86E-07	1.89E-03	0.00E+00	0.00E+00	4.42E-03
1552	CENSUS	0	372484.4	3762195	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.19E-03	2.48E-03	3.85E-06	5.89E-05	7.62E-07	2.19E-03	3.71E-03	2.19E-03	1.14E-05	0.00E+00	3.33E-07	1.64E-03	0.00E+00	0.00E+00	3.71E-03
1553	CENSUS	0	372277.1	3762066	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.87E-03	2.11E-03	3.28E-06	5.03E-05	6.45E-07	1.87E-03	3.15E-03	1.87E-03	9.28E-06	0.00E+00	2.79E-07	1.32E-03	0.00E+00	0.00E+00	3.15E-03
1554	CENSUS	0	372609.1	3762180	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-03	2.58E-03	4.01E-06	6.14E-05	8.00E-07	2.28E-03	3.87E-03	2.28E-03	1.24E-05	0.00E+00	3.54E-07	1.80E-03	0.00E+00	0.00E+00	3.87E-03
1555	CENSUS	0	372499.4	3761945	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-03	1.95E-03	3.04E-06	4.65E-05	6.12E-07	1.73E-03	2.94E-03	1.72E-03	9.45E-06	0.00E+00	2.74E-07	1.36E-03	0.00E+00	0.00E+00	2.94E-03
1556	CENSUS	43	372554.3	3761698	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.38E-06	3.65E-05	4.89E-07	1.35E-03	2.32E-03	1.35E-03	7.74E-06	0.00E+00	2.23E-07	1.11E-03	0.00E+00	0.00E+00	2.32E-03
1557	CENSUS	22	372587.9	3761646	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.28E-03	1.45E-03	2.25E-06	3.45E-05	4.66E-07	1.28E-03	2.20E-03	1.28E-03	7.43E-06	0.00E+00	2.14E-07	1.07E-03	0.00E+00	0.00E+00	2.20E-03
1558	CENSUS	0	371787.5	3762277	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.89E-03	2.14E-03	3.33E-06	5.10E-05	6.25E-07	1.89E-03	3.18E-03	1.89E-03	8.12E-06	0.00E+00	2.54E-07	1.13E-03	0.00E+00	0.00E+00	3.18E-03
1559	CENSUS	0	372011.2	3762250	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-03	2.34E-03	3.64E-06	5.57E-05	6.88E-07	2.07E-03	3.47E-03	2.07E-03	9.17E-06	0.00E+00	2.83E-07	1.29E-03	0.00E+00	0.00E+00	3.47E-03
1560	CENSUS	0	372110.8	3762201	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.06E-03	2.34E-03	3.64E-06	5.56E-05	6.95E-07	2.07E-03	3.47E-03	2.06E-03	9.49E-06	0.00E+00	2.90E-07	1.34E-03	0.00E+00	0.00E+00	3.47E-03
1561	CENSUS	0	372079	3762152	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-03	2.21E-03	3.44E-06	5.26E-05	6.58E-07	1.95E-03	3.28E-03	1.95E-03	8.96E-06	0.00E+00	2.75E-07	1.27E-03	0.00E+00	0.00E+00	3.28E-03
1562	CENSUS	0	371889.5	3762182	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.90E-03	2.16E-03	3.35E-06	5.13E-05	6.38E-07	1.91E-03	3.20E-03	1.90E-03	8.55E-06	0.00E+00	2.65E-07	1.20E-03	0.00E+00	0.00E+00	3.20E-03
1563	CENSUS	0	372189.8	3762150	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.98E-03	2.25E-03	3.49E-06	5.35E-05	6.74E-07	1.99E-03	3.34E-03	1.98E-03	9.36E-06	0.00E+00	2.85E-07	1.33E-03	0.00E+00	0.00E+00	3.34E-03
1564	CENSUS	0	372163.3	3762086	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.86E-03	2.10E-03	3.27E-06	5.00E-05	6.32E-07	1.86E-03	3.12E-03	1.86E-03	8.79E-06	0.00E+00	2.68E-07	1.25E-03	0.00E+00	0.00E+00	3.12E-03
1565	CENSUS	0	371579	3763282	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-03	2.63E-03	4.08E-06	6.24E-05	7.61E-07	2.32E-03	3.96E-03	2.32E-03	9.76E-06	0.00E+00	3.08E-07	1.33E-03	0.00E+00	0.00E+00	3.96E-03
1566	CENSUS	0	371568.5	3763224	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.28E-03	2.58E-03	4.02E-06	6.14E-05	7.48E-07	2.28E-03	3.89E-03	2.28E-03	9.58E-06	0.00E+00	3.02E-07	1.31E-03	0.00E+00	0.00E+00	3.89E-03
1567	CENSUS	2	374048.7	3761577	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-03	1.16E-03	1.80E-06	2.76E-05	4.23E-07	1.02E-03	1.78E-03	1.02E-03	7.09E-06	0.00E+00	2.23E-07	9.35E-04	0.00E+00	0.00E+00	1.78E-03
1568	CENSUS	62	373840.9	3761613	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-03	1.21E-03	1.88E-06	2.89E-05	4.76E-07	1.07E-03	1.92E-03	1.07E-03	8.56E-06	0.00E+00	2.67E-07	1.11E-03	0.00E+00	0.00E+00	1.92E-03
1569	CENSUS	54	373834	3761527	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.75E-04	1.11E-03	1.72E-06	2.63E-05	4.14E-07	9.76E-04	1.72E-03	9.75E-04	7.15E-06	0.00E+00	2.23E-07	9.34E-04	0.00E+00	0.00E+00	1.72E-03
1570	CENSUS	41	373835.1	3761578	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.17E-03	1.82E-06	2.80E-05	4.53E-07	1.04E-03	1.85E-03	1.03E-03	8.01E-06	0.00E+00	2.50E-07	1.04E-03	0.00E+00	0.00E+00	1.85E-03
1571	CENSUS	137	373528.3	3761578	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-03	1.14E-03	1.77E-06	2.72E-05	4.36E-07	1.01E-03	1.80E-03	1.01E-03	7.83E-06	0.00E+00	2.38E-07	1.03E-03	0.00E+00	0.00E+00	1.80E-03
1572	CENSUS	47	373474.8	3761318	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.79E-04	8.83E-04	1.37E-06	2.11E-05	3.23E-07	7.80E-04	1.38E-03	7.79E-04	5.54E-06	0.00E+00	1.71E-07	7.36E-04	0.00E+00	0.00E+00	1.38E-03
1573	CENSUS	78	373583.8	3761536	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.68E-04	1.10E-03	1.70E-06	2.62E-05	4.18E-07	9.69E-04	1.73E-03	9.68E-04	7.44E-06	0.00E+00	2.28E-07	9.78E-04	0.00E+00	0.00E+00	1.73E-03
1574	CENSUS	35	373421.2	3761514	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.39E-04	1.06E-03	1.65E-06	2.54E-05	3.97E-07	9.40E-04	1.68E-03	9.39E-04	7.06E-06	0.00E+00	2.13E-07	9.43E-04	0.00E+00	0.00E+00	1.68E-03
1575	CENSUS	0	374031.5	3761498	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.47E-04	1.07E-03	1.67E-06	2.56E-05	3.71E-07	9.48E-04	1.63E-03	9.47E-04	5.92E-06	0.00E+00	1.85E-07	7.90E-04	0.00E+00	0.00E+00	1.63E-03
1576	CENSUS	48	373828.6	3761427	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.84E-04	1.00E-03	1.56E-06	2.39E-05	3.56E-07	8.85E-04	1.54E-03	8.84E-04	5.87E-06	0.00E+00	1.83E-07	7.75E-04	0.00E+00	0.00E+00	1.54E-03
1577	CENSUS	44	373661.4	3761427	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.64E-04	9.79E-04	1.52E-06	2.33E-05	3.61E-07	8.65E-04	1.52E-03	8.64E-04	6.18E-06	0.00E+00	1.92E-07	8.13E-04	0.00E+00	0.00E+00	1.52E-03
1578	CENSUS	59	373834.5	3761476	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.29E-04	1.05E-03	1.64E-06	2.51E-05	3.83E-07	9.30E-04	1.63E-03	9.29E-04	6.46E-06	0.00E+00	2.02E-07	8.49E-04	0.00E+00	0.00E+00	1.63E-03
1579	CENSUS	83	373845.9	3761309	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.98E-04	9.05E-04	1.41E-06	2.15E-05	3.03E-07	7.99E-04	1.37E-03	7.98E-04	4.69E-06	0.00E+00	1.46E-07	6.28E-04	0.00E+00	0.00E+00	1.37E-03
1580	CENSUS	79	373954.5	3761358	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.38E-04	9.49E-04	1.48E-06	2.26E-05	3.11E-07	8.39E-04	1.43E-03	8.38E-04	4.69E-06	0.00E+00	1.47E-07	6.32E-04	0.00E+00	0.00E+00	1.43E-03
1581	CENSUS	46	374012.2	3761343	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.28E-04	9.38E-04	1.46E-06	2.23E-05	2.98E-07	8.29E-04	1.40E-03	8.28E-04	4.34E-06	0.00E+00	1.35E-07	5.90E-04	0.00E+00	0.00E+00	1.40E-03
1582	CENSUS	170	374185.3	3761303	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.92E-04	8.97E-04	1.39E-06	2.13E-05	2.63E-07	7.93E-04	1.31E-03	7.92E-04	3.47E-06	0.00E+00	1.08E-07	4.82E-04	0.00E+00	0.00E+00	1.31E-03
1583	CENSUS	72	374044.9	3761241	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.69E-04	8.71E-04	1.35E-06	2.07E-05	2.62E-07	7.70E-04	1.28E-03	7.69E-04	3.57E-06	0.00E+00	1.11E-07	4.92E-04	0.00E+00	0.00E+00	1.28E-03
1584	CENSUS	31	374109.4	3761180	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.32E-04	8.29E-04	1.29E-06	1.97E-05	2.40E-07	7.33E-04	1.21E-03	7.32E-04	3.10E-06	0.00E+00	9.65E-08	4.32E-04	0.00E+00	0.00E+00	1.21E-03
1585	CENSUS	31	373792	3761321	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.02E-04	9.09E-04	1.41E-06	2.16E-05	3.12E-07	8.03E-04	1.38E-03	8.02E-04	4.97E-06	0.00E+00	1.55E-07	6.62E-04	0.00E+00	0.00E+00	1.38E-03
1586	CENSUS	51	373710	3761330	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.93E-04	8.98E-04	1.40E-06	2.14E-05	3.17E-07	7.94E-04	1.38E-03	7.93E-04	5.21E-06	0.00E+00	1.62E-07	6.90E-04	0.00E+00	0.00E+00	1.38E-03
1587	CENSUS	115	373568.5	3761313	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.66E-04	8.68E-04	1.35E-06	2.07E-05	3.14E-07	7.67E-04	1.35E-03	7.66E-04	5.30E-06	0.00E+00	1.64E-07	7.01E-04	0.00E+00	0.00E+00	1.35E-03
1588	CENSUS	47	373653.8	3761187	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.95E-04	7.87E-04	1.22E-06	1.88E-05	2.70E-07	6.96E-04	1.20E-03	6.95E-04	4.32E-06	0.00E+00	1.34E-07	5.76E-04	0.00E+00	0.00E+00	1.20E-03
1589	CENSUS	39	373741.8	3761172	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.03E-04	7.97E-04	1.24E-06	1.90E-05	2.65E-07	7.04E-04	1.20E-03	7.03E-04	4.07E-06	0.00E+00	1.27E-07	5.47E-04	0.00E+00	0.00E+00	1.20E-03
1590	CENSUS	40	373836.2	3761173	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.19E-04	8.15E-04	1.27E-06	1.94E-05	2.60E-07	7.20E-04	1.22E-03	7.19E-04	3.83E-06	0.00E+00	1.19E-07	5.20E-04	0.00E+00	0.00E+00	1.22E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1591	CENSUS	22	373920.4	3761168	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.25E-04	8.21E-04	1.28E-06	1.95E-05	2.53E-07	7.25E-04	1.22E-03	7.25E-04	3.55E-06	0.00E+00	1.11E-07	4.87E-04	0.00E+00	0.00E+00	1.22E-03
1592	CENSUS	42	373258.2	3761758	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.52E-03	2.37E-06	3.63E-05	5.45E-07	1.35E-03	2.39E-03	1.35E-03	9.99E-06	0.00E+00	2.82E-07	1.40E-03	0.00E+00	0.00E+00	2.39E-03
1593	CENSUS	54	373072.6	3761776	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-03	1.64E-03	2.54E-06	3.89E-05	5.53E-07	1.45E-03	2.53E-03	1.44E-03	9.66E-06	0.00E+00	2.70E-07	1.38E-03	0.00E+00	0.00E+00	2.53E-03
1594	CENSUS	53	372885.6	3761825	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.54E-03	1.74E-03	2.71E-06	4.15E-05	5.65E-07	1.54E-03	2.66E-03	1.54E-03	9.43E-06	0.00E+00	2.64E-07	1.36E-03	0.00E+00	0.00E+00	2.66E-03
1595	CENSUS	43	372872.9	3761778	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-03	1.64E-03	2.55E-06	3.91E-05	5.35E-07	1.45E-03	2.51E-03	1.45E-03	8.92E-06	0.00E+00	2.51E-07	1.28E-03	0.00E+00	0.00E+00	2.51E-03
1596	CENSUS	0	372861.9	3761743	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.39E-03	1.58E-03	2.45E-06	3.76E-05	5.16E-07	1.39E-03	2.41E-03	1.39E-03	8.59E-06	0.00E+00	2.42E-07	1.23E-03	0.00E+00	0.00E+00	2.41E-03
1597	CENSUS	0	372850.1	3761725	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.37E-03	1.55E-03	2.41E-06	3.69E-05	5.06E-07	1.37E-03	2.37E-03	1.37E-03	8.43E-06	0.00E+00	2.38E-07	1.21E-03	0.00E+00	0.00E+00	2.37E-03
1598	CENSUS	0	372729.8	3761767	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.44E-03	1.63E-03	2.53E-06	3.88E-05	5.24E-07	1.44E-03	2.48E-03	1.44E-03	8.53E-06	0.00E+00	2.42E-07	1.23E-03	0.00E+00	0.00E+00	2.48E-03
1599	CENSUS	74	372652.8	3761605	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-03	1.38E-03	2.15E-06	3.29E-05	4.48E-07	1.22E-03	2.11E-03	1.22E-03	7.24E-06	0.00E+00	2.08E-07	1.04E-03	0.00E+00	0.00E+00	2.11E-03
1600	CENSUS	67	372734	3761573	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-03	1.32E-03	2.06E-06	3.15E-05	4.34E-07	1.17E-03	2.02E-03	1.17E-03	7.11E-06	0.00E+00	2.04E-07	1.02E-03	0.00E+00	0.00E+00	2.02E-03
1601	CENSUS	69	372815.1	3761541	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.27E-03	1.97E-06	3.01E-05	4.19E-07	1.12E-03	1.94E-03	1.12E-03	6.97E-06	0.00E+00	2.00E-07	9.90E-04	0.00E+00	0.00E+00	1.94E-03
1602	CENSUS	91	372897	3761512	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-03	1.21E-03	1.88E-06	2.88E-05	4.07E-07	1.07E-03	1.86E-03	1.07E-03	6.85E-06	0.00E+00	1.98E-07	9.67E-04	0.00E+00	0.00E+00	1.86E-03
1603	CENSUS	0	372970.4	3761685	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-03	1.46E-03	2.27E-06	3.48E-05	4.90E-07	1.29E-03	2.25E-03	1.29E-03	8.35E-06	0.00E+00	2.36E-07	1.19E-03	0.00E+00	0.00E+00	2.25E-03
1604	CENSUS	0	373052.6	3761693	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.29E-03	1.46E-03	2.27E-06	3.47E-05	4.96E-07	1.29E-03	2.26E-03	1.29E-03	8.61E-06	0.00E+00	2.44E-07	1.22E-03	0.00E+00	0.00E+00	2.26E-03
1605	CENSUS	45	373066.1	3761727	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.52E-03	2.37E-06	3.63E-05	5.18E-07	1.35E-03	2.36E-03	1.35E-03	9.03E-06	0.00E+00	2.54E-07	1.28E-03	0.00E+00	0.00E+00	2.36E-03
1606	CENSUS	34	373246.8	3761709	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-03	1.42E-03	2.21E-06	3.39E-05	5.09E-07	1.26E-03	2.23E-03	1.25E-03	9.24E-06	0.00E+00	2.64E-07	1.29E-03	0.00E+00	0.00E+00	2.23E-03
1607	CENSUS	0	373244	3761673	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.19E-03	1.35E-03	2.10E-06	3.22E-05	4.86E-07	1.19E-03	2.12E-03	1.19E-03	8.78E-06	0.00E+00	2.52E-07	1.22E-03	0.00E+00	0.00E+00	2.12E-03
1608	CENSUS	62	373343.5	3761485	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.24E-04	1.05E-03	1.63E-06	2.50E-05	3.87E-07	9.25E-04	1.65E-03	9.24E-04	6.85E-06	0.00E+00	2.06E-07	9.22E-04	0.00E+00	0.00E+00	1.65E-03
1609	CENSUS	0	373088.2	3761665	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-03	1.40E-03	2.17E-06	3.32E-05	4.80E-07	1.23E-03	2.17E-03	1.23E-03	8.40E-06	0.00E+00	2.39E-07	1.19E-03	0.00E+00	0.00E+00	2.17E-03
1610	CENSUS	75	373060.4	3761461	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.72E-04	1.10E-03	1.71E-06	2.62E-05	3.85E-07	9.73E-04	1.71E-03	9.72E-04	6.66E-06	0.00E+00	1.94E-07	9.25E-04	0.00E+00	0.00E+00	1.71E-03
1611	CENSUS	74	372974.7	3761475	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.01E-03	1.14E-03	1.77E-06	2.72E-05	3.91E-07	1.01E-03	1.76E-03	1.01E-03	6.67E-06	0.00E+00	1.93E-07	9.34E-04	0.00E+00	0.00E+00	1.76E-03
1612	CENSUS	37	372952	3761211	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.83E-04	8.88E-04	1.38E-06	2.11E-05	3.10E-07	7.84E-04	1.38E-03	7.83E-04	5.27E-06	0.00E+00	1.57E-07	7.26E-04	0.00E+00	0.00E+00	1.38E-03
1613	CENSUS	96	373118.1	3761366	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.68E-04	9.83E-04	1.53E-06	2.34E-05	3.50E-07	8.69E-04	1.53E-03	8.68E-04	6.09E-06	0.00E+00	1.80E-07	8.34E-04	0.00E+00	0.00E+00	1.53E-03
1614	CENSUS	108	373224.1	3761410	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.85E-04	1.00E-03	1.56E-06	2.39E-05	3.64E-07	8.86E-04	1.57E-03	8.84E-04	6.38E-06	0.00E+00	1.90E-07	8.68E-04	0.00E+00	0.00E+00	1.57E-03
1615	CENSUS	86	373225	3761237	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.46E-04	8.45E-04	1.31E-06	2.01E-05	3.06E-07	7.47E-04	1.32E-03	7.46E-04	5.26E-06	0.00E+00	1.59E-07	7.09E-04	0.00E+00	0.00E+00	1.32E-03
1616	CENSUS	28	373336.8	3761225	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.22E-04	8.18E-04	1.27E-06	1.95E-05	2.96E-07	7.23E-04	1.27E-03	7.22E-04	5.06E-06	0.00E+00	1.55E-07	6.77E-04	0.00E+00	0.00E+00	1.27E-03
1617	CENSUS	20	373243.2	3761083	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.49E-04	7.35E-04	1.14E-06	1.75E-05	2.63E-07	6.50E-04	1.14E-03	6.49E-04	4.44E-06	0.00E+00	1.36E-07	5.96E-04	0.00E+00	0.00E+00	1.14E-03
1618	CENSUS	0	373397.8	3761251	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.42E-04	8.41E-04	1.31E-06	2.00E-05	3.06E-07	7.43E-04	1.31E-03	7.42E-04	5.23E-06	0.00E+00	1.60E-07	6.97E-04	0.00E+00	0.00E+00	1.31E-03
1619	CENSUS	0	373389.9	3761536	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.65E-04	1.09E-03	1.70E-06	2.61E-05	4.07E-07	9.66E-04	1.72E-03	9.65E-04	7.26E-06	0.00E+00	2.18E-07	9.75E-04	0.00E+00	0.00E+00	1.72E-03
1620	CENSUS	0	373806.4	3762792	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.32E-02	2.62E-02	4.08E-05	6.22E-04	6.30E-06	2.32E-02	3.75E-02	2.32E-02	5.73E-05	0.00E+00	1.77E-06	8.21E-03	0.00E+00	0.00E+00	3.75E-02
1621	CENSUS	0	373776.3	3762227	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.23E-03	2.53E-03	3.93E-06	6.07E-05	1.29E-06	2.24E-03	5.70E-03	2.23E-03	2.94E-05	0.00E+00	8.53E-07	3.89E-03	0.00E+00	0.00E+00	5.70E-03
1622	CENSUS	0	373541.6	3762779	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.13E-03	1.03E-02	1.61E-05	2.46E-04	3.09E-06	9.14E-03	1.57E-02	9.12E-03	5.14E-05	0.00E+00	1.30E-06	7.80E-03	0.00E+00	0.00E+00	1.57E-02
1623	CENSUS	0	373680	3761753	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.23E-03	1.40E-03	2.17E-06	3.34E-05	5.71E-07	1.24E-03	2.25E-03	1.23E-03	1.08E-05	0.00E+00	3.29E-07	1.40E-03	0.00E+00	0.00E+00	2.25E-03
1624	CENSUS	92	373586.7	3762287	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.70E-03	3.06E-03	4.76E-06	7.30E-05	1.17E-06	2.70E-03	5.00E-03	2.70E-03	2.97E-05	0.00E+00	6.36E-07	4.85E-03	0.00E+00	0.00E+00	5.00E-03
1625	CENSUS	0	373795.8	3761660	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.96E-06	3.02E-05	5.09E-07	1.12E-03	2.02E-03	1.11E-03	9.35E-06	0.00E+00	2.91E-07	1.21E-03	0.00E+00	0.00E+00	2.02E-03
1626	CENSUS	0	373958.2	3761761	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-03	1.39E-03	2.15E-06	3.31E-05	6.04E-07	1.22E-03	2.26E-03	1.22E-03	1.16E-05	0.00E+00	3.65E-07	1.47E-03	0.00E+00	0.00E+00	2.26E-03
1627	CENSUS	268	372744.8	3762654	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.21E-03	4.77E-03	7.41E-06	1.13E-04	1.41E-06	4.21E-03	7.05E-03	4.21E-03	2.04E-05	0.00E+00	5.85E-07	2.94E-03	0.00E+00	0.00E+00	7.05E-03
1628	CENSUS	72	372878.3	3762348	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.16E-03	3.58E-03	5.57E-06	8.52E-05	1.08E-06	3.17E-03	5.36E-03	3.16E-03	1.69E-05	0.00E+00	4.64E-07	2.49E-03	0.00E+00	0.00E+00	5.36E-03
1629	CENSUS	28	372704.9	3762004	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.89E-03	2.14E-03	3.33E-06	5.10E-05	6.75E-07	1.89E-03	3.24E-03	1.89E-03	1.08E-05	0.00E+00	3.03E-07	1.58E-03	0.00E+00	0.00E+00	3.24E-03
1630	CENSUS	83	373329.2	3762331	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.62E-03	4.10E-03	6.38E-06	9.76E-05	1.26E-06	3.62E-03	6.20E-03	3.62E-03	1.96E-05	0.00E+00	5.48E-07	2.81E-03	0.00E+00	0.00E+00	6.20E-03
1631	CENSUS	71	373125.3	3762591	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.97E-03	5.63E-03	8.75E-06	1.34E-04	1.55E-06	4.98E-03	8.24E-03	4.97E-03	2.06E-05	0.00E+00	5.78E-07	3.03E-03	0.00E+00	0.00E+00	8.24E-03
1632	CENSUS	52	373458	3761952	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.73E-03	1.96E-03	3.04E-06	4.67E-05	7.44E-07	1.73E-03	3.14E-03	1.73E-03	1.51E-05	0.00E+00	4.05E-07	2.18E-03	0.00E+00	0.00E+00	3.14E-03
1633	CENSUS	82	372967.4	3762355	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.33E-03	3.78E-03	5.87E-06	8.98E-05	1.13E-06	3.34E-03	5.64E-03	3.33E-03	1.76E-05	0.00E+00	4.78E-07	2.61E-03	0.00E+00	0.00E+00	5.64E-03
1634	CENSUS	0	372636.2	3762517	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.26E-03	3.69E-03	5.74E-06	8.79E-05	1.11E-06	3.27E-03	5.49E-03	3.26E-03	1.61E-05	0.00E+00	4.66E-07	2.31E-03	0.00E+00	0.00E+00	5.49E-03
1635	CENSUS	124	373423	3762314	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.46E-03	3.92E-03	6.10E-06	9.33E-05	1.27E-06	3.46E-03	6.04E-03	3.46E-03	2.10E-05	0.00E+00	5.91E-07	2.98E-03	0.00E+00	0.00E+00	6.04E-03
1636	CENSUS	75	372792.4	3762301	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.84E-03	3.22E-03	5.00E-06	7.66E-05	9.87E-07	2.85E-03	4.83E-03	2.84E-03	1.55E-05	0.00E+00	4.29E-07	2.28E-03	0.00E+00	0.00E+00	4.83E-03
1637	CENSUS	0	373438.6	3761718	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-03	1.33E-03	2.06E-06	3.16E-05	5.03E-07	1.17E-03	2.10E-03	1.17E-03	9.28E-06	0.00E+00	2.74E-07	1.25E-03	0.00E+00	0.00E+00	2.10E-03
1638	CENSUS	0	373962.6	3761664	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.95E-06	3.00E-05	5.07E-07	1.11E-03	2.00E-03	1.11E-03	9.22E-06	0.00E+00	2.90E-07	1.19E-03	0.00E+00	0.00E+00	2.00E-03
1639	CENSUS	0	374084.4	3761657	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.09E-03	1.23E-03	1.92E-06	2.94E-05	4.79E-07	1.09E-03	1.93E-03	1.09E-03	8.43E-06	0.00E+00	2.66E-07	1.10E-03	0.00E+00	0.00E+00	1.93E-03
1640	CENSUS	0	373474.7	3761726	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.17E-03	1.32E-03	2.06E-06	3.16E-05	5.07E-07	1.17E-03	2.11E-03	1.17E-03	9.36E-06	0.00E+00	2.78E-07	1.26E-03	0.00E+00	0.00E+00	2.11E-03
1641	CENSUS	82	373080.3	3761968	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-03	2.17E-03	3.37E-06	5.16E-05	7.10E-07	1.92E-03	3.33E-03	1.91E-03	1.23E-05	0.00E+00	3.35E-07	1.80E-03	0.00E+00	0.00E+00	3.33E-03
1642	CENSUS	96	373146.3	3762338	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.56E-03	4.03E-03	6.27E-06	9.59E-05	1.19E-06	3.56E-03	6.02E-03	3.56E-03	1.81E-05	0.00E+00	4.94E-07	2.66E-03	0.00E+00	0.00E+00	6.02E-03
1643	CENSUS	88	373237	3762333	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.61E-03	4.09E-03	6.36E-06	9.73E-05	1.22E-06	3.61E-03	6.13E-03	3.61E-03	1.85E-05	0.00E+00	5.12E-07	2.70E-03	0.00E+00	0.00E+00	6.13E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1644	CENSUS	89	373172.7	3761953	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.85E-03	2.10E-03	3.26E-06	4.99E-05	7.04E-07	1.85E-03	3.24E-03	1.85E-03	1.26E-05	0.00E+00	3.41E-07	1.84E-03	0.00E+00	0.00E+00	3.24E-03
1645	CENSUS	69	373266	3761939	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.80E-03	2.04E-03	3.17E-06	4.85E-05	7.06E-07	1.80E-03	3.18E-03	1.80E-03	1.32E-05	0.00E+00	3.54E-07	1.92E-03	0.00E+00	0.00E+00	3.18E-03
1646	CENSUS	71	373359.3	3761926	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.72E-03	1.94E-03	3.02E-06	4.63E-05	7.03E-07	1.72E-03	3.07E-03	1.72E-03	1.37E-05	0.00E+00	3.67E-07	1.98E-03	0.00E+00	0.00E+00	3.07E-03
1647	CENSUS	71	373056.6	3762343	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.45E-03	3.90E-03	6.07E-06	9.28E-05	1.16E-06	3.45E-03	5.83E-03	3.45E-03	1.79E-05	0.00E+00	4.85E-07	2.65E-03	0.00E+00	0.00E+00	5.83E-03
1648	CENSUS	61	372989.5	3761990	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.96E-03	2.22E-03	3.46E-06	5.29E-05	7.15E-07	1.97E-03	3.39E-03	1.96E-03	1.21E-05	0.00E+00	3.30E-07	1.77E-03	0.00E+00	0.00E+00	3.39E-03
1649	CENSUS	33	372927.9	3762084	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.21E-03	2.50E-03	3.89E-06	5.96E-05	7.87E-07	2.21E-03	3.79E-03	2.21E-03	1.30E-05	0.00E+00	3.53E-07	1.92E-03	0.00E+00	0.00E+00	3.79E-03
1650	CENSUS	45	372845.8	3761986	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.89E-03	2.14E-03	3.33E-06	5.09E-05	6.79E-07	1.89E-03	3.25E-03	1.89E-03	1.12E-05	0.00E+00	3.08E-07	1.63E-03	0.00E+00	0.00E+00	3.25E-03
1651	CENSUS	16	372765.4	3761940	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.77E-03	2.00E-03	3.11E-06	4.77E-05	6.36E-07	1.77E-03	3.04E-03	1.77E-03	1.04E-05	0.00E+00	2.89E-07	1.51E-03	0.00E+00	0.00E+00	3.04E-03
1652	CENSUS	0	372733.5	3761882	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.64E-03	1.85E-03	2.88E-06	4.41E-05	5.90E-07	1.64E-03	2.81E-03	1.64E-03	9.55E-06	0.00E+00	2.69E-07	1.39E-03	0.00E+00	0.00E+00	2.81E-03
1653	CENSUS	0	374865.4	3763128	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.16E-03	3.57E-03	5.56E-06	8.50E-05	1.08E-06	3.16E-03	5.34E-03	3.16E-03	1.51E-05	0.00E+00	4.59E-07	2.03E-03	0.00E+00	0.00E+00	5.34E-03
1654	CENSUS	21	374725.5	3762580	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.56E-04	9.73E-04	1.51E-06	2.34E-05	6.65E-07	8.58E-04	1.78E-03	8.56E-04	1.54E-05	0.00E+00	4.98E-07	1.81E-03	0.00E+00	0.00E+00	1.81E-03
1655	CENSUS	0	374705.7	3762798	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.18E-03	1.34E-03	2.08E-06	3.23E-05	8.07E-07	1.18E-03	2.41E-03	1.18E-03	1.80E-05	0.00E+00	5.75E-07	2.16E-03	0.00E+00	0.00E+00	2.41E-03
1656	CENSUS	10	374854.6	3762458	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.11E-04	9.21E-04	1.43E-06	2.20E-05	4.55E-07	8.12E-04	1.54E-03	8.11E-04	9.18E-06	0.00E+00	2.97E-07	1.11E-03	0.00E+00	0.00E+00	1.54E-03
1657	CENSUS	49	374850.6	3762610	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.30E-04	8.29E-04	1.28E-06	1.99E-05	5.21E-07	7.31E-04	1.48E-03	7.30E-04	1.17E-05	0.00E+00	3.78E-07	1.40E-03	0.00E+00	0.00E+00	1.48E-03
1658	CENSUS	80	375211.5	3763031	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.30E-03	2.02E-06	3.11E-05	5.16E-07	1.15E-03	2.06E-03	1.15E-03	9.25E-06	0.00E+00	2.91E-07	1.17E-03	0.00E+00	0.00E+00	2.06E-03
1659	CENSUS	61	375245.9	3763112	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.38E-06	3.65E-05	5.52E-07	1.35E-03	2.37E-03	1.35E-03	9.17E-06	0.00E+00	2.87E-07	1.18E-03	0.00E+00	0.00E+00	2.37E-03
1660	CENSUS	34	375299.2	3763191	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.58E-03	1.79E-03	2.79E-06	4.26E-05	5.90E-07	1.58E-03	2.71E-03	1.58E-03	9.02E-06	0.00E+00	2.81E-07	1.18E-03	0.00E+00	0.00E+00	2.71E-03
1661	CENSUS	37	375253.3	3763277	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.01E-03	2.28E-03	3.55E-06	5.42E-05	6.71E-07	2.02E-03	3.36E-03	2.01E-03	8.95E-06	0.00E+00	2.77E-07	1.21E-03	0.00E+00	0.00E+00	3.36E-03
1662	CENSUS	77	375135	3762933	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.64E-04	1.09E-03	1.70E-06	2.61E-05	4.89E-07	9.65E-04	1.79E-03	9.64E-04	9.48E-06	0.00E+00	3.00E-07	1.18E-03	0.00E+00	0.00E+00	1.79E-03
1663	CENSUS	64	375057.8	3762874	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.60E-04	9.76E-04	1.52E-06	2.34E-05	4.76E-07	8.61E-04	1.64E-03	8.60E-04	9.68E-06	0.00E+00	3.08E-07	1.19E-03	0.00E+00	0.00E+00	1.64E-03
1664	CENSUS	68	374996.8	3762805	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.61E-04	8.63E-04	1.34E-06	2.07E-05	4.65E-07	7.62E-04	1.49E-03	7.60E-04	9.89E-06	0.00E+00	3.16E-07	1.20E-03	0.00E+00	0.00E+00	1.49E-03
1665	CENSUS	54	374949.6	3762729	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.02E-04	7.97E-04	1.24E-06	1.91E-05	4.66E-07	7.03E-04	1.41E-03	7.02E-04	1.02E-05	0.00E+00	3.28E-07	1.24E-03	0.00E+00	0.00E+00	1.41E-03
1666	CENSUS	49	374944.8	3762629	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.98E-04	7.93E-04	1.23E-06	1.90E-05	4.62E-07	6.99E-04	1.39E-03	6.98E-04	1.01E-05	0.00E+00	3.25E-07	1.22E-03	0.00E+00	0.00E+00	1.39E-03
1667	CENSUS	0	374634.1	3762678	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-03	1.22E-03	1.89E-06	2.93E-05	8.11E-07	1.07E-03	2.25E-03	1.07E-03	1.87E-05	0.00E+00	6.01E-07	2.22E-03	0.00E+00	0.00E+00	2.25E-03
1668	CENSUS	25	375310.7	3762916	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.98E-04	1.02E-03	1.58E-06	2.43E-05	4.38E-07	8.99E-04	1.65E-03	8.98E-04	8.31E-06	0.00E+00	2.63E-07	1.04E-03	0.00E+00	0.00E+00	1.65E-03
1669	CENSUS	43	375367.7	3762792	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.44E-04	8.44E-04	1.31E-06	2.02E-05	3.74E-07	7.45E-04	1.37E-03	7.44E-04	7.21E-06	0.00E+00	2.28E-07	9.01E-04	0.00E+00	0.00E+00	1.37E-03
1670	CENSUS	20	375300.7	3762759	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.36E-04	8.35E-04	1.30E-06	2.00E-05	3.86E-07	7.37E-04	1.37E-03	7.36E-04	7.62E-06	0.00E+00	2.42E-07	9.46E-04	0.00E+00	0.00E+00	1.37E-03
1671	CENSUS	144	375455.4	3762540	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.67E-04	6.43E-04	9.98E-07	1.53E-05	2.57E-07	5.68E-04	1.02E-03	5.67E-04	4.62E-06	0.00E+00	1.46E-07	5.93E-04	0.00E+00	0.00E+00	1.02E-03
1672	CENSUS	38	375353.3	3762580	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.24E-04	7.08E-04	1.10E-06	1.69E-05	3.06E-07	6.25E-04	1.15E-03	6.24E-04	5.81E-06	0.00E+00	1.84E-07	7.34E-04	0.00E+00	0.00E+00	1.15E-03
1673	CENSUS	69	375241.4	3762590	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.56E-04	7.44E-04	1.15E-06	1.78E-05	3.39E-07	6.57E-04	1.22E-03	6.56E-04	6.64E-06	0.00E+00	2.11E-07	8.28E-04	0.00E+00	0.00E+00	1.22E-03
1674	CENSUS	162	375327.6	3762408	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.90E-04	6.68E-04	1.04E-06	1.59E-05	2.53E-07	5.90E-04	1.04E-03	5.89E-04	4.34E-06	0.00E+00	1.37E-07	5.62E-04	0.00E+00	0.00E+00	1.04E-03
1675	CENSUS	60	375348.5	3762306	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.83E-04	6.60E-04	1.03E-06	1.57E-05	2.26E-07	5.83E-04	1.00E-03	5.83E-04	3.54E-06	0.00E+00	1.12E-07	4.69E-04	0.00E+00	0.00E+00	1.00E-03
1676	CENSUS	51	375017.4	3762454	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.63E-04	8.65E-04	1.34E-06	2.07E-05	3.81E-07	7.64E-04	1.40E-03	7.63E-04	7.25E-06	0.00E+00	2.32E-07	9.01E-04	0.00E+00	0.00E+00	1.40E-03
1677	CENSUS	146	375236.2	3762327	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.51E-04	7.38E-04	1.15E-06	1.76E-05	2.62E-07	6.52E-04	1.13E-03	6.51E-04	4.24E-06	0.00E+00	1.34E-07	5.56E-04	0.00E+00	0.00E+00	1.13E-03
1678	CENSUS	0	375238.8	3761939	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.60E-04	7.47E-04	1.16E-06	1.78E-05	2.08E-07	6.60E-04	1.08E-03	6.60E-04	2.53E-06	0.00E+00	7.91E-08	3.56E-04	0.00E+00	0.00E+00	1.08E-03
1679	CENSUS	24	375342.7	3761939	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.09E-04	6.90E-04	1.07E-06	1.64E-05	1.91E-07	6.10E-04	9.97E-04	6.09E-04	2.30E-06	0.00E+00	7.19E-08	3.25E-04	0.00E+00	0.00E+00	9.97E-04
1680	CENSUS	2	375252.8	3761961	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.58E-04	7.45E-04	1.16E-06	1.77E-05	2.09E-07	6.58E-04	1.08E-03	6.57E-04	2.55E-06	0.00E+00	7.99E-08	3.58E-04	0.00E+00	0.00E+00	1.08E-03
1681	CENSUS	210	375140.5	3762234	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.46E-04	8.45E-04	1.31E-06	2.01E-05	2.72E-07	7.47E-04	1.26E-03	7.46E-04	4.00E-06	0.00E+00	1.26E-07	5.34E-04	0.00E+00	0.00E+00	1.26E-03
1682	CENSUS	85	375154.8	3762148	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.44E-04	8.42E-04	1.31E-06	2.00E-05	2.55E-07	7.45E-04	1.24E-03	7.44E-04	3.47E-06	0.00E+00	1.10E-07	4.73E-04	0.00E+00	0.00E+00	1.24E-03
1683	CENSUS	57	375072.8	3761852	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.18E-04	8.13E-04	1.26E-06	1.93E-05	2.25E-07	7.19E-04	1.17E-03	7.18E-04	2.67E-06	0.00E+00	8.47E-08	3.74E-04	0.00E+00	0.00E+00	1.17E-03
1684	CENSUS	55	375122.1	3761985	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.43E-04	8.41E-04	1.31E-06	2.00E-05	2.38E-07	7.43E-04	1.22E-03	7.43E-04	2.93E-06	0.00E+00	9.29E-08	4.09E-04	0.00E+00	0.00E+00	1.22E-03
1685	CENSUS	52	375121.6	3762088	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.64E-04	8.66E-04	1.35E-06	2.06E-05	2.53E-07	7.65E-04	1.26E-03	7.64E-04	3.26E-06	0.00E+00	1.03E-07	4.49E-04	0.00E+00	0.00E+00	1.26E-03
1686	CENSUS	21	375207	3761815	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.52E-04	7.39E-04	1.15E-06	1.76E-05	2.01E-07	6.53E-04	1.06E-03	6.52E-04	2.32E-06	0.00E+00	7.33E-08	3.29E-04	0.00E+00	0.00E+00	1.06E-03
1687	CENSUS	0	374590.5	3762620	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.15E-03	1.30E-03	2.02E-06	3.14E-05	8.97E-07	1.15E-03	2.42E-03	1.15E-03	2.09E-05	0.00E+00	6.73E-07	2.46E-03	0.00E+00	0.00E+00	2.46E-03
1688	CENSUS	64	374577.8	3762514	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.12E-03	1.28E-03	1.98E-06	3.10E-05	1.08E-06	1.13E-03	2.47E-03	1.12E-03	2.64E-05	0.00E+00	8.62E-07	3.06E-03	0.00E+00	0.00E+00	3.06E-03
1689	CENSUS	37	374637	3762371	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-03	1.14E-03	1.76E-06	2.73E-05	6.86E-07	1.00E-03	2.00E-03	1.00E-03	1.50E-05	0.00E+00	4.90E-07	1.78E-03	0.00E+00	0.00E+00	2.00E-03
1690	CENSUS	123	374906.6	3762064	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.33E-04	9.43E-04	1.47E-06	2.24E-05	2.76E-07	8.34E-04	1.37E-03	8.33E-04	3.56E-06	0.00E+00	1.13E-07	4.87E-04	0.00E+00	0.00E+00	1.37E-03
1691	CENSUS	74	374966	3762166	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.35E-04	9.45E-04	1.47E-06	2.25E-05	2.88E-07	8.36E-04	1.39E-03	8.35E-04	3.92E-06	0.00E+00	1.25E-07	5.30E-04	0.00E+00	0.00E+00	1.39E-03
1692	CENSUS	325	374728	3761965	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.09E-04	1.03E-03	1.60E-06	2.45E-05	3.24E-07	9.10E-04	1.52E-03	9.09E-04	4.58E-06	0.00E+00	1.46E-07	6.19E-04	0.00E+00	0.00E+00	1.52E-03
1693	CENSUS	28	374645	3762041	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.36E-04	1.06E-03	1.65E-06	2.53E-05	3.67E-07	9.37E-04	1.60E-03	9.36E-04	5.72E-06	0.00E+00	1.84E-07	7.65E-04	0.00E+00	0.00E+00	1.60E-03
1694	CENSUS	0	374773	3761992	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.16E-04	1.04E-03	1.61E-06	2.47E-05	3.29E-07	9.17E-04	1.54E-03	9.16E-04	4.70E-06	0.00E+00	1.49E-07	6.35E-04	0.00E+00	0.00E+00	1.54E-03
1695	CENSUS	72	374677.8	3762218	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.04E-03	1.18E-03	1.83E-06	2.81E-05	4.94E-07	1.04E-03	1.89E-03	1.04E-03	8.98E-06	0.00E+00	2.90E-07	1.11E-03	0.00E+00	0.00E+00	1.89E-03
1696	CENSUS	28	374611.6	3762288	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.08E-03	1.22E-03	1.90E-06	2.93E-05	6.49E-07	1.08E-03	2.10E-03	1.08E-03	1.35E-05	0.00E+00	4.38E-07	1.61E-03	0.00E+00	0.00E+00	2.10E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1697	CENSUS	0	374413.2	3762529	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.74E-03	1.98E-03	3.06E-06	4.86E-05	2.37E-06	1.74E-03	4.28E-03	1.74E-03	6.22E-05	0.00E+00	2.03E-06	7.10E-03	0.00E+00	0.00E+00	7.10E-03
1698	CENSUS	350	374193.3	3762156	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.78E-03	2.02E-03	3.13E-06	4.90E-05	1.70E-06	1.78E-03	4.15E-03	1.78E-03	4.15E-05	0.00E+00	1.35E-06	4.83E-03	0.00E+00	0.00E+00	4.83E-03
1699	CENSUS	112	374691.6	3761662	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.04E-04	9.10E-04	1.42E-06	2.16E-05	2.65E-07	8.05E-04	1.33E-03	8.04E-04	3.39E-06	0.00E+00	1.08E-07	4.66E-04	0.00E+00	0.00E+00	1.33E-03
1700	CENSUS	23	374761.6	3761594	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.34E-04	8.31E-04	1.29E-06	1.98E-05	2.37E-07	7.35E-04	1.21E-03	7.34E-04	2.93E-06	0.00E+00	9.32E-08	4.06E-04	0.00E+00	0.00E+00	1.21E-03
1701	CENSUS	74	374624.3	3761489	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.61E-04	8.61E-04	1.34E-06	2.05E-05	2.46E-07	7.62E-04	1.25E-03	7.61E-04	3.09E-06	0.00E+00	9.69E-08	4.35E-04	0.00E+00	0.00E+00	1.25E-03
1702	CENSUS	34	374605.6	3761353	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.97E-04	7.90E-04	1.23E-06	1.88E-05	2.19E-07	6.98E-04	1.14E-03	6.97E-04	2.62E-06	0.00E+00	8.21E-08	3.73E-04	0.00E+00	0.00E+00	1.14E-03
1703	CENSUS	83	374515.1	3761531	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.06E-04	9.13E-04	1.42E-06	2.17E-05	2.66E-07	8.07E-04	1.33E-03	8.06E-04	3.45E-06	0.00E+00	1.08E-07	4.86E-04	0.00E+00	0.00E+00	1.33E-03
1704	CENSUS	0	374440.8	3761452	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.75E-04	8.77E-04	1.36E-06	2.09E-05	2.52E-07	7.75E-04	1.28E-03	7.74E-04	3.21E-06	0.00E+00	1.01E-07	4.52E-04	0.00E+00	0.00E+00	1.28E-03
1705	CENSUS	137	374317.4	3761468	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.55E-04	9.69E-04	1.51E-06	2.30E-05	2.89E-07	8.56E-04	1.42E-03	8.55E-04	3.89E-06	0.00E+00	1.21E-07	5.41E-04	0.00E+00	0.00E+00	1.42E-03
1706	CENSUS	123	374273.3	3761382	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.21E-04	9.29E-04	1.44E-06	2.21E-05	2.73E-07	8.21E-04	1.36E-03	8.20E-04	3.59E-06	0.00E+00	1.12E-07	5.00E-04	0.00E+00	0.00E+00	1.36E-03
1707	CENSUS	48	374309.3	3761171	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.97E-04	7.89E-04	1.23E-06	1.88E-05	2.19E-07	6.98E-04	1.14E-03	6.97E-04	2.64E-06	0.00E+00	8.25E-08	3.74E-04	0.00E+00	0.00E+00	1.14E-03
1708	CENSUS	10	374993.8	3761699	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.73E-04	7.62E-04	1.19E-06	1.81E-05	2.14E-07	6.74E-04	1.10E-03	6.73E-04	2.59E-06	0.00E+00	8.23E-08	3.62E-04	0.00E+00	0.00E+00	1.10E-03
1709	CENSUS	23	374935.9	3761602	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.53E-04	7.39E-04	1.15E-06	1.76E-05	2.09E-07	6.54E-04	1.07E-03	6.53E-04	2.56E-06	0.00E+00	8.14E-08	3.57E-04	0.00E+00	0.00E+00	1.07E-03
1710	CENSUS	31	374883.6	3761611	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.77E-04	7.66E-04	1.19E-06	1.82E-05	2.18E-07	6.77E-04	1.11E-03	6.77E-04	2.70E-06	0.00E+00	8.60E-08	3.76E-04	0.00E+00	0.00E+00	1.11E-03
1711	CENSUS	8	374833.3	3761616	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.01E-04	7.94E-04	1.24E-06	1.89E-05	2.26E-07	7.02E-04	1.15E-03	7.01E-04	2.80E-06	0.00E+00	8.90E-08	3.88E-04	0.00E+00	0.00E+00	1.15E-03
1712	CENSUS	14	374818.7	3761527	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.83E-04	7.74E-04	1.20E-06	1.84E-05	2.18E-07	6.84E-04	1.12E-03	6.83E-04	2.65E-06	0.00E+00	8.45E-08	3.70E-04	0.00E+00	0.00E+00	1.12E-03
1713	CENSUS	41	374865.7	3761513	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.55E-04	7.42E-04	1.15E-06	1.76E-05	2.09E-07	6.56E-04	1.08E-03	6.55E-04	2.53E-06	0.00E+00	8.05E-08	3.53E-04	0.00E+00	0.00E+00	1.08E-03
1714	CENSUS	52	374917.9	3761502	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.29E-04	7.13E-04	1.11E-06	1.69E-05	2.00E-07	6.30E-04	1.03E-03	6.29E-04	2.41E-06	0.00E+00	7.71E-08	3.38E-04	0.00E+00	0.00E+00	1.03E-03
1715	CENSUS	42	375011.8	3761596	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.25E-04	7.08E-04	1.10E-06	1.68E-05	1.98E-07	6.26E-04	1.02E-03	6.25E-04	2.38E-06	0.00E+00	7.56E-08	3.35E-04	0.00E+00	0.00E+00	1.02E-03
1716	CENSUS	12	374799.4	3761431	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.70E-04	7.59E-04	1.18E-06	1.80E-05	2.12E-07	6.71E-04	1.10E-03	6.70E-04	2.54E-06	0.00E+00	8.08E-08	3.56E-04	0.00E+00	0.00E+00	1.10E-03
1717	PROPERTY		373878.3	3763644	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.54E-02	4.01E-02	6.23E-05	9.51E-04	8.46E-06	3.55E-02	5.39E-02	3.54E-02	4.89E-05	0.00E+00	1.55E-06	8.76E-03	0.00E+00	0.00E+00	5.39E-02
1718	PROPERTY		373970.5	3763624	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.81E-02	3.18E-02	4.94E-05	7.55E-04	6.69E-06	2.81E-02	4.29E-02	2.81E-02	3.74E-05	0.00E+00	1.20E-06	6.55E-03	0.00E+00	0.00E+00	4.29E-02
1719	PROPERTY		374064.3	3763658	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.17E-02	2.46E-02	3.82E-05	5.82E-04	5.08E-06	2.17E-02	3.31E-02	2.17E-02	2.56E-05	0.00E+00	8.48E-07	4.64E-03	0.00E+00	0.00E+00	3.31E-02
1720	PROPERTY		374104.6	3763597	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-02	2.28E-02	3.55E-05	5.41E-04	4.65E-06	2.02E-02	3.07E-02	2.02E-02	2.26E-05	0.00E+00	7.16E-07	4.14E-03	0.00E+00	0.00E+00	3.07E-02
1721	PROPERTY		374149.7	3763551	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-02	2.29E-02	3.55E-05	5.42E-04	4.57E-06	2.02E-02	3.07E-02	2.02E-02	2.09E-05	0.00E+00	6.31E-07	3.94E-03	0.00E+00	0.00E+00	3.07E-02
1722	PROPERTY		374116.7	3763467	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.37E-02	2.68E-02	4.16E-05	6.34E-04	5.27E-06	2.37E-02	3.59E-02	2.37E-02	2.28E-05	0.00E+00	6.57E-07	4.40E-03	0.00E+00	0.00E+00	3.59E-02
1723	PROPERTY		374142.8	3763403	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.54E-02	2.87E-02	4.46E-05	6.80E-04	5.53E-06	2.54E-02	3.84E-02	2.54E-02	2.15E-05	0.00E+00	5.79E-07	4.44E-03	0.00E+00	0.00E+00	3.84E-02
1724	PROPERTY		374142.2	3763307	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.82E-02	3.19E-02	4.97E-05	7.57E-04	6.06E-06	2.83E-02	4.28E-02	2.82E-02	2.23E-05	0.00E+00	5.54E-07	4.87E-03	0.00E+00	0.00E+00	4.28E-02
1725	PROPERTY		374140	3763207	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.91E-02	3.29E-02	5.13E-05	7.81E-04	6.32E-06	2.91E-02	4.42E-02	2.91E-02	2.51E-05	0.00E+00	6.29E-07	5.28E-03	0.00E+00	0.00E+00	4.42E-02
1726	PROPERTY		374184.9	3763187	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.50E-02	2.83E-02	4.41E-05	6.70E-04	5.42E-06	2.50E-02	3.79E-02	2.50E-02	2.10E-05	0.00E+00	5.39E-07	4.41E-03	0.00E+00	0.00E+00	3.79E-02
1727	PROPERTY		374255.8	3763140	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.85E-02	2.09E-02	3.25E-05	4.95E-04	4.20E-06	1.85E-02	2.82E-02	1.85E-02	2.06E-05	0.00E+00	5.91E-07	3.72E-03	0.00E+00	0.00E+00	2.82E-02
1728	PROPERTY		374255.9	3763058	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.40E-02	1.59E-02	2.47E-05	3.76E-04	3.62E-06	1.40E-02	2.18E-02	1.40E-02	2.84E-05	0.00E+00	8.84E-07	4.19E-03	0.00E+00	0.00E+00	2.18E-02
1729	PROPERTY		374303.9	3763049	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.00E-02	1.13E-02	1.76E-05	2.70E-04	4.01E-06	1.00E-02	1.64E-02	1.00E-02	6.36E-05	0.00E+00	2.06E-06	7.82E-03	0.00E+00	0.00E+00	1.64E-02
1730	PROPERTY		374350.8	3763006	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.42E-03	6.14E-03	9.55E-06	1.46E-04	1.68E-06	5.42E-03	8.92E-03	5.42E-03	2.00E-05	0.00E+00	6.25E-07	2.69E-03	0.00E+00	0.00E+00	8.92E-03
1731	PROPERTY		374338.8	3762922	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.90E-03	3.29E-03	5.11E-06	7.87E-05	1.53E-06	2.90E-03	5.43E-03	2.90E-03	3.00E-05	0.00E+00	9.64E-07	3.63E-03	0.00E+00	0.00E+00	5.43E-03
1732	PROPERTY		374390.8	3762908	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.21E-03	2.51E-03	3.90E-06	5.99E-05	1.06E-06	2.22E-03	4.19E-03	2.21E-03	1.99E-05	0.00E+00	6.32E-07	2.47E-03	0.00E+00	0.00E+00	4.19E-03
1733	PROPERTY		374432	3762848	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.87E-03	2.88E-06	4.59E-05	2.46E-06	1.64E-03	3.99E-03	1.63E-03	6.55E-05	0.00E+00	2.14E-06	7.45E-03	0.00E+00	0.00E+00	7.45E-03
1734	PROPERTY		374466.4	3762754	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.52E-03	2.34E-06	3.69E-05	1.46E-06	1.33E-03	2.98E-03	1.33E-03	3.68E-05	0.00E+00	1.19E-06	4.25E-03	0.00E+00	0.00E+00	4.25E-03
1735	PROPERTY		374500.8	3762660	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.35E-03	1.53E-03	2.37E-06	3.69E-05	1.15E-06	1.35E-03	2.91E-03	1.35E-03	2.75E-05	0.00E+00	8.87E-07	3.23E-03	0.00E+00	0.00E+00	3.23E-03
1736	PROPERTY		374509.2	3762571	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.25E-03	1.42E-03	2.21E-06	3.44E-05	1.12E-06	1.25E-03	2.75E-03	1.25E-03	2.70E-05	0.00E+00	8.76E-07	3.15E-03	0.00E+00	0.00E+00	3.15E-03
1737	PROPERTY		374507.2	3762488	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.51E-03	2.33E-06	3.70E-05	1.70E-06	1.33E-03	3.17E-03	1.33E-03	4.41E-05	0.00E+00	1.44E-06	5.03E-03	0.00E+00	0.00E+00	5.03E-03
1738	PROPERTY		374485.3	3762391	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.43E-03	1.63E-03	2.52E-06	3.98E-05	1.81E-06	1.43E-03	3.38E-03	1.43E-03	4.66E-05	0.00E+00	1.53E-06	5.31E-03	0.00E+00	0.00E+00	5.31E-03
1739	PROPERTY		374481	3762291	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.41E-03	1.61E-03	2.48E-06	3.89E-05	1.41E-06	1.41E-03	3.20E-03	1.41E-03	3.48E-05	0.00E+00	1.14E-06	4.02E-03	0.00E+00	0.00E+00	4.02E-03
1740	PROPERTY		374481.6	3762191	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.51E-03	2.34E-06	3.65E-05	1.20E-06	1.33E-03	3.02E-03	1.33E-03	2.87E-05	0.00E+00	9.36E-07	3.33E-03	0.00E+00	0.00E+00	3.33E-03
1741	PROPERTY		374496.6	3762092	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-03	1.37E-03	2.12E-06	3.30E-05	9.23E-07	1.21E-03	2.60E-03	1.21E-03	2.12E-05	0.00E+00	6.87E-07	2.51E-03	0.00E+00	0.00E+00	2.60E-03
1742	PROPERTY		374507.3	3761993	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-03	1.26E-03	1.95E-06	3.00E-05	5.81E-07	1.11E-03	2.03E-03	1.11E-03	1.14E-05	0.00E+00	3.65E-07	1.49E-03	0.00E+00	0.00E+00	2.03E-03
1743	PROPERTY		374508	3761893	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.02E-03	1.16E-03	1.80E-06	2.77E-05	4.81E-07	1.03E-03	1.81E-03	1.02E-03	8.77E-06	0.00E+00	2.80E-07	1.16E-03	0.00E+00	0.00E+00	1.81E-03
1744	PROPERTY		374492.3	3761807	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.77E-04	1.11E-03	1.72E-06	2.64E-05	3.85E-07	9.78E-04	1.68E-03	9.77E-04	6.15E-06	0.00E+00	1.94E-07	8.47E-04	0.00E+00	0.00E+00	1.68E-03
1745	PROPERTY		374402.7	3761799	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.03E-03	1.16E-03	1.81E-06	2.78E-05	4.54E-07	1.03E-03	1.79E-03	1.03E-03	7.95E-06	0.00E+00	2.53E-07	1.14E-03	0.00E+00	0.00E+00	1.79E-03
1746	PROPERTY		374333	3761769	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.05E-03	1.19E-03	1.85E-06	2.84E-05	4.99E-07	1.05E-03	1.85E-03	1.05E-03	9.20E-06	0.00E+00	2.94E-07	1.28E-03	0.00E+00	0.00E+00	1.85E-03
1747	PROPERTY		374256.6	3761794	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-03	1.29E-03	2.00E-06	3.08E-05	6.22E-07	1.14E-03	2.07E-03	1.13E-03	1.25E-05	0.00E+00	4.00E-07	1.71E-03	0.00E+00	0.00E+00	2.07E-03
1748	PROPERTY		374212.3	3761849	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.22E-03	1.39E-03	2.15E-06	3.32E-05	7.05E-07	1.22E-03	2.33E-03	1.22E-03	1.45E-05	0.00E+00	4.66E-07	1.89E-03	0.00E+00	0.00E+00	2.33E-03
1749	PROPERTY		374112.3	3761852	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.31E-03	1.49E-03	2.31E-06	3.56E-05	7.26E-07	1.31E-03	2.51E-03	1.31E-03	1.47E-05	0.00E+00	4.70E-07	1.83E-03	0.00E+00	0.00E+00	2.51E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1750	PROPERTY		374128.9	3761865	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.32E-03	1.49E-03	2.32E-06	3.58E-05	7.49E-07	1.32E-03	2.55E-03	1.32E-03	1.53E-05	0.00E+00	4.91E-07	1.91E-03	0.00E+00	0.00E+00	2.55E-03
1751	PROPERTY		374156.7	3761936	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.42E-03	1.61E-03	2.50E-06	3.87E-05	9.08E-07	1.42E-03	2.91E-03	1.42E-03	1.95E-05	0.00E+00	6.30E-07	2.37E-03	0.00E+00	0.00E+00	2.91E-03
1752	PROPERTY		374156.7	3762036	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-03	1.83E-03	2.83E-06	4.39E-05	1.21E-06	1.61E-03	3.61E-03	1.61E-03	2.75E-05	0.00E+00	8.91E-07	3.25E-03	0.00E+00	0.00E+00	3.61E-03
1753	PROPERTY		374156.8	3762136	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.82E-03	2.06E-03	3.20E-06	4.97E-05	1.44E-06	1.82E-03	3.92E-03	1.82E-03	3.36E-05	0.00E+00	1.09E-06	3.94E-03	0.00E+00	0.00E+00	3.94E-03
1754	PROPERTY		374156.8	3762236	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.07E-03	2.36E-03	3.65E-06	5.70E-05	1.83E-06	2.08E-03	4.72E-03	2.07E-03	4.39E-05	0.00E+00	1.42E-06	5.13E-03	0.00E+00	0.00E+00	5.13E-03
1755	PROPERTY		374070.2	3762223	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.10E-03	2.39E-03	3.71E-06	5.75E-05	1.53E-06	2.11E-03	4.39E-03	2.10E-03	3.46E-05	0.00E+00	1.12E-06	4.09E-03	0.00E+00	0.00E+00	4.39E-03
1756	PROPERTY		373982.1	3762247	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.23E-03	2.53E-03	3.92E-06	6.10E-05	1.74E-06	2.23E-03	4.70E-03	2.23E-03	4.07E-05	0.00E+00	1.31E-06	4.83E-03	0.00E+00	0.00E+00	4.83E-03
1757	PROPERTY		373919.4	3762187	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-03	2.30E-03	3.56E-06	5.51E-05	1.33E-06	2.03E-03	4.12E-03	2.02E-03	2.97E-05	0.00E+00	9.31E-07	3.63E-03	0.00E+00	0.00E+00	4.12E-03
1758	PROPERTY		373887.7	3762093	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.80E-03	2.05E-03	3.17E-06	4.90E-05	1.05E-06	1.81E-03	3.54E-03	1.80E-03	2.22E-05	0.00E+00	7.01E-07	2.74E-03	0.00E+00	0.00E+00	3.54E-03
1759	PROPERTY		373815.8	3762029	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.68E-03	1.90E-03	2.96E-06	4.55E-05	9.10E-07	1.68E-03	3.22E-03	1.68E-03	1.87E-05	0.00E+00	5.81E-07	2.35E-03	0.00E+00	0.00E+00	3.22E-03
1760	PROPERTY		373715.9	3762024	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.63E-03	1.85E-03	2.88E-06	4.44E-05	8.92E-07	1.64E-03	3.13E-03	1.63E-03	1.90E-05	0.00E+00	5.72E-07	2.45E-03	0.00E+00	0.00E+00	3.13E-03
1761	PROPERTY		373700.9	3761935	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.50E-03	1.70E-03	2.63E-06	4.05E-05	7.37E-07	1.50E-03	2.80E-03	1.50E-03	1.47E-05	0.00E+00	4.44E-07	1.92E-03	0.00E+00	0.00E+00	2.80E-03
1762	PROPERTY		373682.9	3761849	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.37E-03	1.56E-03	2.42E-06	3.72E-05	6.53E-07	1.38E-03	2.54E-03	1.37E-03	1.27E-05	0.00E+00	3.84E-07	1.65E-03	0.00E+00	0.00E+00	2.54E-03
1763	PROPERTY		373582.9	3761849	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.33E-03	1.50E-03	2.34E-06	3.59E-05	6.10E-07	1.33E-03	2.43E-03	1.33E-03	1.17E-05	0.00E+00	3.50E-07	1.55E-03	0.00E+00	0.00E+00	2.43E-03
1764	PROPERTY		373543.8	3761893	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.42E-03	1.61E-03	2.51E-06	3.85E-05	6.62E-07	1.43E-03	2.62E-03	1.42E-03	1.31E-05	0.00E+00	3.83E-07	1.75E-03	0.00E+00	0.00E+00	2.62E-03
1765	PROPERTY		373575.2	3761988	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.65E-03	1.87E-03	2.90E-06	4.47E-05	8.67E-07	1.65E-03	3.11E-03	1.65E-03	1.87E-05	0.00E+00	5.44E-07	2.49E-03	0.00E+00	0.00E+00	3.11E-03
1766	PROPERTY		373595	3762086	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.91E-03	2.17E-03	3.36E-06	5.17E-05	8.96E-07	1.91E-03	3.61E-03	1.91E-03	2.02E-05	0.00E+00	5.22E-07	2.95E-03	0.00E+00	0.00E+00	3.61E-03
1767	PROPERTY		373605.1	3762185	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.31E-03	2.62E-03	4.07E-06	6.25E-05	1.04E-06	2.31E-03	4.37E-03	2.31E-03	3.20E-05	0.00E+00	5.91E-07	5.53E-03	0.00E+00	0.00E+00	5.53E-03
1768	PROPERTY		373606.5	3762285	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.64E-03	2.99E-03	4.64E-06	7.12E-05	1.16E-06	2.64E-03	4.91E-03	2.63E-03	2.98E-05	0.00E+00	6.45E-07	4.82E-03	0.00E+00	0.00E+00	4.91E-03
1769	PROPERTY		373595.3	3762384	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.26E-03	3.70E-03	5.75E-06	8.82E-05	1.40E-06	3.27E-03	6.05E-03	3.26E-03	2.74E-05	0.00E+00	7.62E-07	3.83E-03	0.00E+00	0.00E+00	6.05E-03
1770	PROPERTY		373583.5	3762484	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.13E-03	4.68E-03	7.28E-06	1.12E-04	1.84E-06	4.14E-03	7.78E-03	4.13E-03	3.50E-05	0.00E+00	1.03E-06	4.62E-03	0.00E+00	0.00E+00	7.78E-03
1771	PROPERTY		373571.6	3762583	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.34E-03	6.06E-03	9.41E-06	1.44E-04	2.25E-06	5.35E-03	9.68E-03	5.34E-03	4.13E-05	0.00E+00	1.21E-06	5.52E-03	0.00E+00	0.00E+00	9.68E-03
1772	PROPERTY		373559.7	3762682	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.92E-03	7.84E-03	1.22E-05	1.86E-04	2.46E-06	6.93E-03	1.20E-02	6.92E-03	4.09E-05	0.00E+00	1.11E-06	5.90E-03	0.00E+00	0.00E+00	1.20E-02
1773	PROPERTY		373547.8	3762782	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.23E-03	1.05E-02	1.63E-05	2.49E-04	3.16E-06	9.24E-03	1.60E-02	9.23E-03	5.29E-05	0.00E+00	1.35E-06	7.98E-03	0.00E+00	0.00E+00	1.60E-02
1774	PROPERTY		373475.8	3762792	NonCancerChronicDerived_InhSoilDermMMilkCrops	9.57E-03	1.08E-02	1.69E-05	2.57E-04	2.97E-06	9.58E-03	1.60E-02	9.57E-03	4.47E-05	0.00E+00	1.10E-06	7.03E-03	0.00E+00	0.00E+00	1.60E-02
1775	PROPERTY		373378.9	3762767	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.84E-03	8.88E-03	1.38E-05	2.11E-04	2.34E-06	7.85E-03	1.29E-02	7.84E-03	3.02E-05	0.00E+00	8.09E-07	4.59E-03	0.00E+00	0.00E+00	1.29E-02
1776	PROPERTY		373281.1	3762746	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.67E-03	7.56E-03	1.17E-05	1.80E-04	2.04E-06	6.68E-03	1.10E-02	6.67E-03	2.65E-05	0.00E+00	7.30E-07	3.94E-03	0.00E+00	0.00E+00	1.10E-02
1777	PROPERTY		373182.6	3762730	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.20E-03	7.02E-03	1.09E-05	1.67E-04	1.97E-06	6.21E-03	1.03E-02	6.20E-03	2.65E-05	0.00E+00	7.52E-07	3.84E-03	0.00E+00	0.00E+00	1.03E-02
1778	PROPERTY		373082.8	3762735	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.97E-03	6.76E-03	1.05E-05	1.61E-04	1.87E-06	5.97E-03	9.88E-03	5.96E-03	2.45E-05	0.00E+00	7.02E-07	3.56E-03	0.00E+00	0.00E+00	9.88E-03
1779	PROPERTY		372983.3	3762744	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.82E-03	6.59E-03	1.02E-05	1.57E-04	1.88E-06	5.83E-03	9.67E-03	5.82E-03	2.56E-05	0.00E+00	7.38E-07	3.70E-03	0.00E+00	0.00E+00	9.67E-03
1780	PROPERTY		372922.5	3762766	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.54E-03	6.28E-03	9.76E-06	1.49E-04	1.83E-06	5.55E-03	9.25E-03	5.54E-03	2.64E-05	0.00E+00	7.41E-07	3.85E-03	0.00E+00	0.00E+00	9.25E-03
1781	PROPERTY		372998.6	3762831	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.84E-03	7.75E-03	1.20E-05	1.84E-04	2.21E-06	6.85E-03	1.13E-02	6.84E-03	3.06E-05	0.00E+00	8.72E-07	4.43E-03	0.00E+00	0.00E+00	1.13E-02
1782	PROPERTY		373074.6	3762896	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.25E-03	9.35E-03	1.45E-05	2.22E-04	2.63E-06	8.26E-03	1.37E-02	8.25E-03	3.54E-05	0.00E+00	1.02E-06	5.11E-03	0.00E+00	0.00E+00	1.37E-02
1783	PROPERTY		373050.9	3762933	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.63E-03	9.77E-03	1.52E-05	2.32E-04	2.78E-06	8.64E-03	1.43E-02	8.63E-03	3.71E-05	0.00E+00	1.09E-06	5.29E-03	0.00E+00	0.00E+00	1.43E-02
1784	PROPERTY		372952.4	3762950	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.06E-03	9.13E-03	1.42E-05	2.17E-04	2.58E-06	8.07E-03	1.33E-02	8.06E-03	3.31E-05	0.00E+00	1.00E-06	4.63E-03	0.00E+00	0.00E+00	1.33E-02
1785	PROPERTY		372853.8	3762967	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.89E-03	8.94E-03	1.39E-05	2.13E-04	2.48E-06	7.90E-03	1.30E-02	7.89E-03	3.04E-05	0.00E+00	9.38E-07	4.23E-03	0.00E+00	0.00E+00	1.30E-02
1786	PROPERTY		372817.6	3763003	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.70E-03	9.86E-03	1.53E-05	2.34E-04	2.65E-06	8.71E-03	1.42E-02	8.70E-03	3.05E-05	0.00E+00	9.49E-07	4.25E-03	0.00E+00	0.00E+00	1.42E-02
1787	PROPERTY		372855.3	3763071	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.07E-02	1.21E-02	1.88E-05	2.88E-04	3.21E-06	1.07E-02	1.74E-02	1.07E-02	3.55E-05	0.00E+00	1.12E-06	4.93E-03	0.00E+00	0.00E+00	1.74E-02
1788	PROPERTY		372791.7	3763148	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-02	1.82E-02	2.84E-05	4.33E-04	4.49E-06	1.61E-02	2.57E-02	1.61E-02	4.21E-05	0.00E+00	1.34E-06	5.93E-03	0.00E+00	0.00E+00	2.57E-02
1789	PROPERTY		372728.1	3763226	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-02	2.29E-02	3.57E-05	5.44E-04	5.29E-06	2.03E-02	3.18E-02	2.02E-02	4.13E-05	0.00E+00	1.33E-06	6.02E-03	0.00E+00	0.00E+00	3.18E-02
1790	PROPERTY		372658.3	3763242	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.61E-02	1.83E-02	2.85E-05	4.34E-04	4.25E-06	1.61E-02	2.55E-02	1.61E-02	3.39E-05	0.00E+00	1.09E-06	4.92E-03	0.00E+00	0.00E+00	2.55E-02
1791	PROPERTY		372579.3	3763181	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.13E-02	1.28E-02	2.00E-05	3.04E-04	3.12E-06	1.13E-02	1.81E-02	1.13E-02	2.82E-05	0.00E+00	9.01E-07	4.01E-03	0.00E+00	0.00E+00	1.81E-02
1792	PROPERTY		372500.1	3763120	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.58E-03	9.72E-03	1.51E-05	2.31E-04	2.49E-06	8.59E-03	1.39E-02	8.58E-03	2.59E-05	0.00E+00	8.11E-07	3.63E-03	0.00E+00	0.00E+00	1.39E-02
1793	PROPERTY		372548.6	3763057	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.24E-03	9.33E-03	1.45E-05	2.22E-04	2.39E-06	8.25E-03	1.34E-02	8.24E-03	2.54E-05	0.00E+00	7.81E-07	3.61E-03	0.00E+00	0.00E+00	1.34E-02
1794	PROPERTY		372573.5	3763016	NonCancerChronicDerived_InhSoilDermMMilkCrops	8.02E-03	9.09E-03	1.41E-05	2.16E-04	2.35E-06	8.03E-03	1.30E-02	8.02E-03	2.54E-05	0.00E+00	7.76E-07	3.61E-03	0.00E+00	0.00E+00	1.30E-02
1795	PROPERTY		372475.1	3763034	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.04E-03	7.97E-03	1.24E-05	1.89E-04	2.09E-06	7.05E-03	1.15E-02	7.04E-03	2.30E-05	0.00E+00	7.08E-07	3.25E-03	0.00E+00	0.00E+00	1.15E-02
1796	PROPERTY		372376.6	3763051	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.55E-03	7.42E-03	1.15E-05	1.76E-04	1.96E-06	6.55E-03	1.07E-02	6.55E-03	2.14E-05	0.00E+00	6.74E-07	2.99E-03	0.00E+00	0.00E+00	1.07E-02
1797	PROPERTY		372278.1	3763069	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.60E-03	6.34E-03	9.87E-06	1.51E-04	1.72E-06	5.61E-03	9.27E-03	5.60E-03	2.00E-05	0.00E+00	6.24E-07	2.77E-03	0.00E+00	0.00E+00	9.27E-03
1798	PROPERTY		372179.7	3763086	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.50E-03	5.09E-03	7.93E-06	1.21E-04	1.39E-06	4.50E-03	7.48E-03	4.50E-03	1.62E-05	0.00E+00	5.05E-07	2.25E-03	0.00E+00	0.00E+00	7.48E-03
1799	PROPERTY		372156.1	3763161	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.61E-03	5.22E-03	8.13E-06	1.24E-04	1.41E-06	4.62E-03	7.67E-03	4.61E-03	1.63E-05	0.00E+00	5.11E-07	2.26E-03	0.00E+00	0.00E+00	7.67E-03
1800	PROPERTY		372157	3763261	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.34E-03	6.04E-03	9.40E-06	1.44E-04	1.65E-06	5.34E-03	8.92E-03	5.34E-03	1.93E-05	0.00E+00	6.07E-07	2.65E-03	0.00E+00	0.00E+00	8.92E-03
1801	PROPERTY		372151.8	3763361	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.34E-03	6.05E-03	9.41E-06	1.44E-04	1.64E-06	5.35E-03	8.95E-03	5.34E-03	1.89E-05	0.00E+00	5.96E-07	2.59E-03	0.00E+00	0.00E+00	8.95E-03
1802	PROPERTY		372145.4	3763461	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.31E-03	6.01E-03	9.35E-06	1.43E-04	1.62E-06	5.31E-03	8.91E-03	5.31E-03	1.83E-05	0.00E+00	5.78E-07	2.49E-03	0.00E+00	0.00E+00	8.91E-03

HARP2 CHronic Hazard Index Future Scenario by Receptor

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1803	PROPERTY		372139	3763561	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.46E-03	6.18E-03	9.62E-06	1.47E-04	1.68E-06	5.47E-03	9.25E-03	5.46E-03	1.95E-05	0.00E+00	6.17E-07	2.64E-03	0.00E+00	0.00E+00	9.25E-03
1804	PROPERTY		372132.6	3763661	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.55E-03	6.29E-03	9.78E-06	1.50E-04	1.76E-06	5.56E-03	9.56E-03	5.55E-03	2.14E-05	0.00E+00	6.74E-07	2.86E-03	0.00E+00	0.00E+00	9.56E-03
1805	PROPERTY		372108.8	3763756	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.36E-03	6.07E-03	9.44E-06	1.44E-04	1.77E-06	5.36E-03	9.43E-03	5.36E-03	2.29E-05	0.00E+00	7.18E-07	3.03E-03	0.00E+00	0.00E+00	9.43E-03
1806	PROPERTY		372040.7	3763829	NonCancerChronicDerived_InhSoilDermMMilkCrops	4.64E-03	5.25E-03	8.17E-06	1.25E-04	1.58E-06	4.64E-03	8.22E-03	4.64E-03	2.14E-05	0.00E+00	6.70E-07	2.83E-03	0.00E+00	0.00E+00	8.22E-03
1807	PROPERTY		371970.3	3763900	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.94E-03	4.46E-03	6.93E-06	1.06E-04	1.35E-06	3.94E-03	7.06E-03	3.94E-03	1.86E-05	0.00E+00	5.78E-07	2.46E-03	0.00E+00	0.00E+00	7.06E-03
1808	PROPERTY		371894.1	3763964	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.30E-03	3.74E-03	5.82E-06	8.91E-05	1.17E-06	3.31E-03	5.87E-03	3.30E-03	1.69E-05	0.00E+00	5.26E-07	2.22E-03	0.00E+00	0.00E+00	5.87E-03
1809	PROPERTY		371869.3	3764039	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.04E-03	3.44E-03	5.35E-06	8.19E-05	1.08E-06	3.04E-03	5.40E-03	3.04E-03	1.56E-05	0.00E+00	4.84E-07	2.05E-03	0.00E+00	0.00E+00	5.40E-03
1810	PROPERTY		371911.6	3764129	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.11E-03	3.53E-03	5.48E-06	8.39E-05	1.14E-06	3.12E-03	5.59E-03	3.11E-03	1.70E-05	0.00E+00	5.29E-07	2.22E-03	0.00E+00	0.00E+00	5.59E-03
1811	PROPERTY		371964.4	3764214	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.23E-03	3.66E-03	5.69E-06	8.72E-05	1.34E-06	3.23E-03	6.12E-03	3.23E-03	2.25E-05	0.00E+00	7.07E-07	2.84E-03	0.00E+00	0.00E+00	6.12E-03
1812	PROPERTY		371963.3	3764286	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.96E-03	3.36E-03	5.22E-06	8.02E-05	1.36E-06	2.97E-03	5.41E-03	2.96E-03	2.47E-05	0.00E+00	7.85E-07	3.06E-03	0.00E+00	0.00E+00	5.41E-03
1813	PROPERTY		371878.8	3764340	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.35E-03	2.66E-03	4.14E-06	6.35E-05	9.45E-07	2.35E-03	4.12E-03	2.35E-03	1.54E-05	0.00E+00	4.86E-07	1.96E-03	0.00E+00	0.00E+00	4.12E-03
1814	PROPERTY		371794.2	3764393	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.93E-03	2.18E-03	3.39E-06	5.20E-05	7.02E-07	1.93E-03	3.32E-03	1.93E-03	1.04E-05	0.00E+00	3.26E-07	1.36E-03	0.00E+00	0.00E+00	3.32E-03
1815	PROPERTY		371830.2	3764481	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.81E-03	2.05E-03	3.18E-06	4.88E-05	7.41E-07	1.81E-03	3.13E-03	1.81E-03	1.22E-05	0.00E+00	3.88E-07	1.54E-03	0.00E+00	0.00E+00	3.13E-03
1816	PROPERTY		371877.7	3764518	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.83E-03	2.08E-03	3.23E-06	4.97E-05	8.49E-07	1.84E-03	3.21E-03	1.83E-03	1.53E-05	0.00E+00	4.90E-07	1.88E-03	0.00E+00	0.00E+00	3.21E-03
1817	PROPERTY		371958	3764459	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.26E-03	2.57E-03	3.99E-06	6.11E-05	8.95E-07	2.27E-03	3.91E-03	2.26E-03	1.43E-05	0.00E+00	4.52E-07	1.82E-03	0.00E+00	0.00E+00	3.91E-03
1818	PROPERTY		372038.3	3764399	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.96E-03	3.36E-03	5.21E-06	8.02E-05	1.45E-06	2.96E-03	5.31E-03	2.96E-03	2.73E-05	0.00E+00	8.73E-07	3.34E-03	0.00E+00	0.00E+00	5.31E-03
1819	PROPERTY		372100.6	3764433	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.31E-03	3.76E-03	5.84E-06	8.96E-05	1.44E-06	3.32E-03	5.85E-03	3.31E-03	2.51E-05	0.00E+00	7.96E-07	3.14E-03	0.00E+00	0.00E+00	5.85E-03
1820	PROPERTY		372151.4	3764519	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.18E-03	3.61E-03	5.60E-06	8.64E-05	1.78E-06	3.18E-03	5.69E-03	3.18E-03	3.58E-05	0.00E+00	1.16E-06	4.29E-03	0.00E+00	0.00E+00	5.69E-03
1821	PROPERTY		372202.2	3764605	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.67E-03	3.02E-03	4.70E-06	7.20E-05	1.07E-06	2.67E-03	4.55E-03	2.67E-03	1.72E-05	0.00E+00	5.49E-07	2.16E-03	0.00E+00	0.00E+00	4.55E-03
1822	PROPERTY		372253	3764691	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.54E-03	2.88E-03	4.48E-06	6.85E-05	8.16E-07	2.55E-03	4.21E-03	2.54E-03	1.02E-05	0.00E+00	3.19E-07	1.36E-03	0.00E+00	0.00E+00	4.21E-03
1823	PROPERTY		372304.8	3764776	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.39E-03	2.71E-03	4.22E-06	6.44E-05	6.81E-07	2.40E-03	3.87E-03	2.39E-03	6.83E-06	0.00E+00	2.13E-07	9.67E-04	0.00E+00	0.00E+00	3.87E-03
1824	PROPERTY		372389.4	3764723	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.85E-03	3.23E-03	5.02E-06	7.67E-05	8.98E-07	2.85E-03	4.67E-03	2.85E-03	1.09E-05	0.00E+00	3.42E-07	1.46E-03	0.00E+00	0.00E+00	4.67E-03
1825	PROPERTY		372474.1	3764669	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.79E-03	4.29E-03	6.67E-06	1.02E-04	1.09E-06	3.79E-03	6.19E-03	3.79E-03	1.15E-05	0.00E+00	3.54E-07	1.62E-03	0.00E+00	0.00E+00	6.19E-03
1826	PROPERTY		372554.7	3764612	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.44E-03	6.16E-03	9.58E-06	1.46E-04	1.58E-06	5.44E-03	8.99E-03	5.44E-03	1.71E-05	0.00E+00	5.13E-07	2.45E-03	0.00E+00	0.00E+00	8.99E-03
1827	PROPERTY		372601.3	3764537	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.45E-02	1.64E-02	2.56E-05	3.90E-04	3.60E-06	1.46E-02	2.29E-02	1.45E-02	2.56E-05	0.00E+00	7.54E-07	4.04E-03	0.00E+00	0.00E+00	2.29E-02
1828	PROPERTY		372701.3	3764539	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.04E-02	2.31E-02	3.59E-05	5.47E-04	4.79E-06	2.04E-02	3.16E-02	2.04E-02	2.68E-05	0.00E+00	8.10E-07	4.46E-03	0.00E+00	0.00E+00	3.16E-02
1829	PROPERTY		372785.6	3764525	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.39E-02	2.71E-02	4.22E-05	6.42E-04	5.40E-06	2.40E-02	3.68E-02	2.39E-02	2.36E-05	0.00E+00	7.16E-07	4.25E-03	0.00E+00	0.00E+00	3.68E-02
1830	PROPERTY		372873.1	3764506	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.60E-02	2.94E-02	4.58E-05	6.97E-04	5.75E-06	2.60E-02	3.99E-02	2.60E-02	2.22E-05	0.00E+00	6.77E-07	4.18E-03	0.00E+00	0.00E+00	3.99E-02
1831	PROPERTY		372931.9	3764576	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.92E-02	2.18E-02	3.39E-05	5.16E-04	4.31E-06	1.93E-02	2.96E-02	1.92E-02	1.79E-05	0.00E+00	5.45E-07	3.28E-03	0.00E+00	0.00E+00	2.96E-02
1832	PROPERTY		373005.9	3764621	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.62E-02	1.83E-02	2.86E-05	4.35E-04	3.64E-06	1.62E-02	2.49E-02	1.62E-02	1.54E-05	0.00E+00	4.73E-07	2.80E-03	0.00E+00	0.00E+00	2.49E-02
1833	PROPERTY		373098.3	3764632	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.58E-02	1.79E-02	2.78E-05	4.24E-04	3.54E-06	1.58E-02	2.43E-02	1.58E-02	1.49E-05	0.00E+00	4.60E-07	2.70E-03	0.00E+00	0.00E+00	2.43E-02
1834	PROPERTY		373109.8	3764534	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.96E-02	2.21E-02	3.44E-05	5.25E-04	4.40E-06	1.96E-02	3.01E-02	1.96E-02	1.86E-05	0.00E+00	5.80E-07	3.33E-03	0.00E+00	0.00E+00	3.01E-02
1835	PROPERTY		373153.9	3764473	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.02E-02	2.29E-02	3.56E-05	5.43E-04	4.60E-06	2.03E-02	3.13E-02	2.02E-02	2.07E-05	0.00E+00	6.53E-07	3.59E-03	0.00E+00	0.00E+00	3.13E-02
1836	PROPERTY		373219	3764414	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.95E-02	2.20E-02	3.43E-05	5.23E-04	4.48E-06	1.95E-02	3.03E-02	1.95E-02	2.15E-05	0.00E+00	6.85E-07	3.63E-03	0.00E+00	0.00E+00	3.03E-02
1837	PROPERTY		373233	3764333	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.96E-02	2.22E-02	3.45E-05	5.26E-04	4.59E-06	1.96E-02	3.07E-02	1.96E-02	2.39E-05	0.00E+00	7.69E-07	3.89E-03	0.00E+00	0.00E+00	3.07E-02
1838	PROPERTY		373308	3764271	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.85E-02	2.10E-02	3.26E-05	4.97E-04	4.43E-06	1.85E-02	2.91E-02	1.85E-02	2.50E-05	0.00E+00	8.07E-07	3.93E-03	0.00E+00	0.00E+00	2.91E-02
1839	PROPERTY		373336.6	3764176	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.99E-02	2.25E-02	3.50E-05	5.33E-04	4.85E-06	1.99E-02	3.13E-02	1.99E-02	2.98E-05	0.00E+00	9.65E-07	4.55E-03	0.00E+00	0.00E+00	3.13E-02
1840	PROPERTY		373362.5	3764079	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.19E-02	2.48E-02	3.86E-05	5.89E-04	5.46E-06	2.19E-02	3.43E-02	2.19E-02	3.64E-05	0.00E+00	1.18E-06	5.40E-03	0.00E+00	0.00E+00	3.43E-02
1841	PROPERTY		373388.3	3763983	NonCancerChronicDerived_InhSoilDermMMilkCrops	2.58E-02	2.92E-02	4.55E-05	6.93E-04	6.60E-06	2.58E-02	4.03E-02	2.58E-02	4.80E-05	0.00E+00	1.56E-06	6.94E-03	0.00E+00	0.00E+00	4.03E-02
1842	PROPERTY		373423.4	3763890	NonCancerChronicDerived_InhSoilDermMMilkCrops	3.64E-02	4.12E-02	6.41E-05	9.77E-04	8.81E-06	3.64E-02	5.60E-02	3.64E-02	5.21E-05	0.00E+00	1.69E-06	8.03E-03	0.00E+00	0.00E+00	5.60E-02
1843	PROPERTY		373475.6	3763805	NonCancerChronicDerived_InhSoilDermMMilkCrops	6.83E-02	7.73E-02	1.20E-04	1.83E-03	1.61E-05	6.83E-02	1.04E-01	6.83E-02	8.53E-05	0.00E+00	2.79E-06	1.36E-02	0.00E+00	0.00E+00	1.04E-01
1844	PROPERTY		373493.2	3763713	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.21E-01	1.37E-01	2.13E-04	3.24E-03	2.70E-05	1.21E-01	1.82E-01	1.21E-01	1.04E-04	0.00E+00	3.42E-06	1.88E-02	0.00E+00	0.00E+00	1.82E-01
1845	PROPERTY		373561.3	3763643	NonCancerChronicDerived_InhSoilDermMMilkCrops	1.11E-01	1.26E-01	1.96E-04	2.98E-03	2.53E-05	1.11E-01	1.67E-01	1.11E-01	1.06E-04	0.00E+00	3.60E-06	1.89E-02	0.00E+00	0.00E+00	1.67E-01
1846	PROPERTY		373661.1	3763637	NonCancerChronicDerived_InhSoilDermMMilkCrops	7.19E-02	8.13E-02	1.27E-04	1.93E-03	1.71E-05	7.20E-02	1.09E-01	7.19E-02	9.38E-05	0.00E+00	3.07E-06	1.64E-02	0.00E+00	0.00E+00	1.09E-01
1847	PROPERTY		373743	3763650	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.87E-02	6.65E-02	1.03E-04	1.57E-03	1.38E-05	5.88E-02	8.90E-02	5.87E-02	7.91E-05	0.00E+00	2.38E-06	1.46E-02	0.00E+00	0.00E+00	8.90E-02
1848	PROPERTY		373805.6	3763685	NonCancerChronicDerived_InhSoilDermMMilkCrops	5.03E-02	5.69E-02	8.85E-05	1.35E-03	1.18E-05	5.04E-02	7.62E-02	5.03E-02	6.32E-05	0.00E+00	1.96E-06	1.17E-02	0.00E+00	0.00E+00	7.62E-02