LOS VALLES PROJECT

Draft Environmental Impact Report

Volume V – Appendices

SCH No. 2013121056
Project No. 98-034
Revised Vesting Tentative Tract No. 52584
Variance No. 201300003
Conditional Use Permit No. 201300081
Oak Tree Permit No. 201300023
Environmental Assessment No. 201300138

Lead Agency:

County of Los Angeles
Department of Regional Planning
Land Divisions
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Los Angeles, CA 90012

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March 2016

APPENDIX 5.2-3

CalEEMod Output – Reduced Grading Alternative

Los Valles Existing Reduced Grading Alt

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	480.00	Dwelling Unit	30.00	480,000.00	1373
Single Family Housing	322.00	Dwelling Unit	104.55	579,600.00	921

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 322 single family homes, 480 townhomes

Construction Phase - grading 10/1/15-4/1/16 trenching 4/2/16-6/2/16 building/paving/coating 6/3/16-10/3/20

Trips and VMT - 0.25 mile hauling length

Grading - 1.1 million cubic yards imported and exported, 195 acres disturbed

Woodstoves - No fire places

Construction Off-road Equipment Mitigation - Water three times a day

Area Mitigation - No hearths

Off-road Equipment - 1 generator, 1 tractor, 1 welder

Off-road Equipment - 1 excavator, 0 graders, 3 rubber dozers, 4 scrapers, 1 tractors

Off-road Equipment - 2 forklifts, 2 tractors

Off-road Equipment - 1 roller

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	220.00	1,131.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	220.00	1,131.00
tblConstructionPhase	NumDays	3,100.00	1,131.00
tblConstructionPhase	PhaseEndDate	2/3/2025	10/3/2020
tblConstructionPhase	PhaseEndDate	2/3/2025	10/3/2020
tblConstructionPhase	PhaseEndDate	10/2/2020	10/3/2020
tblConstructionPhase	PhaseStartDate	10/4/2020	6/3/2016
tblConstructionPhase	PhaseStartDate	10/4/2020	6/3/2016
tblFireplaces	NumberGas	408.00	0.00
tblFireplaces	NumberGas	273.70	0.00
tblFireplaces	NumberNoFireplace	48.00	0.00
tblFireplaces	NumberNoFireplace	32.20	0.00

tblFireplaces	NumberWood	24.00	0.00
tblFireplaces	NumberWood	16.10	0.00
tblGrading	AcresOfGrading	528.00	195.00
tblGrading	MaterialExported	0.00	1.10
tblGrading	MaterialImported	0.00	1.10
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblProjectCharacteristics	OperationalYear	2014	2021
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblWoodstoves	NumberCatalytic	24.00	0.00
tblWoodstoves	NumberCatalytic	16.10	0.00
tblWoodstoves	NumberNoncatalytic	24.00	0.00
tblWoodstoves	NumberNoncatalytic	16.10	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	10.4750	125.9866	86.7482	0.0979	19.8900	5.5294	25.4194	10.1680	5.0871	15.2551	0.0000	10,226.5240	10,226.5240	2.9837	0.0000	10,289.1815
2016	15.4093	119.8004	82.8734	0.1442	19.8900	5.2439	25.1339	10.1680	4.8244	14.9924	0.0000	13,174.1292	13,174.1292	2.9803	0.0000	13,236.7144
2017	14.6513	50.9624	70.7422	0.1442	6.8754	2.6910	9.5663	1.8339	2.5239	4.3578	0.0000	12,832.3555	12,832.3555	1.4951	0.0000	12,863.7524
2018	13.7684	44.7239	66.6189	0.1441	6.8754	2.2748	9.1502	1.8339	2.1352	3.9691	0.0000	12,505.8981	12,505.8981	1.4583	0.0000	12,536.5228
2019	13.1274	40.0008	63.4025	0.1439	6.8754	1.9743	8.8497	1.8339	1.8530	3.6869	0.0000	12,179.5367	12,179.5367	1.4253	0.0000	12,209.4688
2020	12.6820	36.4182	60.9803	0.1439	6.8755	1.7540	8.6295	1.8340	1.6456	3.4795	0.0000	11,824.6245	11,824.6245	1.3999	0.0000	11,854.0226
Total	**80.1133**	**417.8922**	**431.3654**	**0.8182**	**67.2816**	**19.4674**	**86.7490**	**27.6718**	**18.0691**	**45.7409**	**0.0000**	**72,743.0679**	**72,743.0679**	**11.7426**	**0.0000**	**72,989.6624**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2015	10.4750	125.9866	86.7482	0.0979	7.9139	5.5294	13.4434	4.0071	5.0871	9.0942	0.0000	10,226.5240	10,226.5240	2.9837	0.0000	10,289.1815
2016	15.4093	119.8004	82.8734	0.1442	7.9139	5.2439	13.1578	4.0071	4.8244	8.8315	0.0000	13,174.1292	13,174.1292	2.9803	0.0000	13,236.7144
2017	14.6513	50.9624	70.7422	0.1442	6.8754	2.6910	9.5663	1.8339	2.5239	4.3578	0.0000	12,832.3555	12,832.3555	1.4951	0.0000	12,863.7524
2018	13.7684	44.7239	66.6189	0.1441	6.8754	2.2748	9.1502	1.8339	2.1352	3.9691	0.0000	12,505.8981	12,505.8981	1.4583	0.0000	12,536.5228
2019	13.1274	40.0008	63.4025	0.1439	6.8754	1.9743	8.8497	1.8339	1.8530	3.6869	0.0000	12,179.5367	12,179.5367	1.4253	0.0000	12,209.4688
2020	12.6820	36.4182	60.9803	0.1439	6.8755	1.7540	8.6295	1.8340	1.6456	3.4795	0.0000	11,824.6245	11,824.6245	1.3999	0.0000	11,854.0226
Total	**80.1133**	**417.8922**	**431.3654**	**0.8182**	**43.3294**	**19.4674**	**62.7968**	**15.3500**	**18.0691**	**33.4191**	**0.0000**	**72,743.0679**	**72,743.0679**	**11.7426**	**0.0000**	**72,989.6624**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**35.60**	**0.00**	**27.61**	**44.53**	**0.00**	**26.94**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	25.2598	0.7654	66.3098	3.4900e-003		0.3655	0.3655		0.3655	0.3655	0.0000	119.1390	119.1390	0.1155	0.0000	121.5635
Energy	0.4991	4.2652	1.8150	0.0272		0.3449	0.3449		0.3449	0.3449		5,444.9757	5,444.9757	0.1044	0.0998	5,478.1129
Mobile	18.8291	49.4698	216.0165	0.7271	48.4431	0.9166	49.3597	12.9448	0.8455	13.7903		55,487.4252	55,487.4252	1.8451		55,526.1712
Total	**44.5880**	**54.5004**	**284.1413**	**0.7579**	**48.4431**	**1.6270**	**50.0701**	**12.9448**	**1.5559**	**14.5006**	**0.0000**	**61,051.5399**	**61,051.5399**	**2.0649**	**0.0998**	**61,125.8476**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	25.2598	0.7654	66.3098	3.4900e-003		0.3655	0.3655		0.3655	0.3655	0.0000	119.1390	119.1390	0.1155	0.0000	121.5635
Energy	0.4991	4.2652	1.8150	0.0272		0.3449	0.3449		0.3449	0.3449		5,444.9757	5,444.9757	0.1044	0.0998	5,478.1129
Mobile	18.8291	49.4698	216.0165	0.7271	48.4431	0.9166	49.3597	12.9448	0.8455	13.7903		55,487.4252	55,487.4252	1.8451		55,526.1712
Total	**44.5880**	**54.5004**	**284.1413**	**0.7579**	**48.4431**	**1.6270**	**50.0701**	**12.9448**	**1.5559**	**14.5006**	**0.0000**	**61,051.5399**	**61,051.5399**	**2.0649**	**0.0998**	**61,125.8476**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2015	4/1/2016	5	132	
2	Trenching	Trenching	4/2/2016	6/2/2016	5	44	
3	Building	Building Construction	6/3/2016	10/3/2020	5	1131	
4	Paving	Paving	6/3/2016	10/3/2020	5	1131	
5	Architectural Coating	Architectural Coating	6/3/2016	10/3/2020	5	1131	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 195

Acres of Paving: 0

Residential Indoor: 2,145,690; Residential Outdoor: 715,230; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	162	0.38
Grading	Graders	0	8.00	174	0.41
Grading	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	4	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching	Cranes	0		226	0.29
Trenching	Forklifts	0		89	0.20
Trenching	Generator Sets	1		84	0.74
Trenching	Tractors/Loaders/Backhoes	1		97	0.37
Trenching	Welders	1		46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	1	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building	Cranes	1	7.00	226	0.29
Building	Forklifts	2	8.00	89	0.20
Building	Generator Sets	1	8.00	84	0.74
Building	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	9	23.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Trenching	3	8.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	92.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Building	7	462.00	86.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Grading - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6329	0.0000	19.6329	10.0998	0.0000	10.0998			0.0000			0.0000
Off-Road	10.3689	125.8538	85.1007	0.0947		5.5272	5.5272		5.0850	5.0850		9,943.1567	9,943.1567	2.9685		10,005.4941
Total	**10.3689**	**125.8538**	**85.1007**	**0.0947**	**19.6329**	**5.5272**	**25.1601**	**10.0998**	**5.0850**	**15.1849**		**9,943.1567**	**9,943.1567**	**2.9685**		**10,005.4941**

3.2 Grading - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1061	0.1328	1.6475	3.2600e-003	0.2571	2.2600e-003	0.2594	0.0682	2.0700e-003	0.0703		283.3673	283.3673	0.0152		283.6874
Total	**0.1061**	**0.1328**	**1.6475**	**3.2600e-003**	**0.2571**	**2.2600e-003**	**0.2594**	**0.0682**	**2.0700e-003**	**0.0703**		**283.3673**	**283.3673**	**0.0152**		**283.6874**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6568	0.0000	7.6568	3.9389	0.0000	3.9389			0.0000			0.0000
Off-Road	10.3689	125.8538	85.1007	0.0947		5.5272	5.5272		5.0850	5.0850	0.0000	9,943.1567	9,943.1567	2.9685		10,005.4941
Total	**10.3689**	**125.8538**	**85.1007**	**0.0947**	**7.6568**	**5.5272**	**13.1840**	**3.9389**	**5.0850**	**9.0240**	**0.0000**	**9,943.1567**	**9,943.1567**	**2.9685**		**10,005.4941**

3.2 Grading - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1061	0.1328	1.6475	3.2600e-003	0.2571	2.2600e-003	0.2594	0.0682	2.0700e-003	0.0703		283.3673	283.3673	0.0152		283.6874
Total	**0.1061**	**0.1328**	**1.6475**	**3.2600e-003**	**0.2571**	**2.2600e-003**	**0.2594**	**0.0682**	**2.0700e-003**	**0.0703**		**283.3673**	**283.3673**	**0.0152**		**283.6874**

3.2 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6329	0.0000	19.6329	10.0998	0.0000	10.0998			0.0000			0.0000
Off-Road	9.9734	119.6807	81.3816	0.0946		5.2417	5.2417		4.8224	4.8224		9,833.7935	9,833.7935	2.9662		9,896.0842
Total	**9.9734**	**119.6807**	**81.3816**	**0.0946**	**19.6329**	**5.2417**	**24.8746**	**10.0998**	**4.8224**	**14.9222**		**9,833.7935**	**9,833.7935**	**2.9662**		**9,896.0842**

3.2 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0958	0.1198	1.4919	3.2600e-003	0.2571	2.1500e-003	0.2592	0.0682	1.9800e-003	0.0702		273.6040	273.6040	0.0140		273.8985
Total	**0.0958**	**0.1198**	**1.4919**	**3.2600e-003**	**0.2571**	**2.1500e-003**	**0.2592**	**0.0682**	**1.9800e-003**	**0.0702**		**273.6040**	**273.6040**	**0.0140**		**273.8985**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.6568	0.0000	7.6568	3.9389	0.0000	3.9389			0.0000			0.0000
Off-Road	9.9734	119.6807	81.3816	0.0946		5.2417	5.2417		4.8224	4.8224	0.0000	9,833.7935	9,833.7935	2.9662		9,896.0842
Total	**9.9734**	**119.6807**	**81.3816**	**0.0946**	**7.6568**	**5.2417**	**12.8986**	**3.9389**	**4.8224**	**8.7613**	**0.0000**	**9,833.7935**	**9,833.7935**	**2.9662**		**9,896.0842**

3.2 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0958	0.1198	1.4919	3.2600e-003	0.2571	2.1500e-003	0.2592	0.0682	1.9800e-003	0.0702		273.6040	273.6040	0.0140		273.8985
Total	**0.0958**	**0.1198**	**1.4919**	**3.2600e-003**	**0.2571**	**2.1500e-003**	**0.2592**	**0.0682**	**1.9800e-003**	**0.0702**		**273.6040**	**273.6040**	**0.0140**		**273.8985**

3.3 Trenching - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Trenching - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0333	0.0417	0.5189	1.1300e-003	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		95.1666	95.1666	4.8800e-003		95.2691
Total	**0.0333**	**0.0417**	**0.5189**	**1.1300e-003**	**0.0894**	**7.5000e-004**	**0.0902**	**0.0237**	**6.9000e-004**	**0.0244**		**95.1666**	**95.1666**	**4.8800e-003**		**95.2691**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.3 Trenching - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0333	0.0417	0.5189	1.1300e-003	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		95.1666	95.1666	4.8800e-003		95.2691
Total	**0.0333**	**0.0417**	**0.5189**	**1.1300e-003**	**0.0894**	**7.5000e-004**	**0.0902**	**0.0237**	**6.9000e-004**	**0.0244**		**95.1666**	**95.1666**	**4.8800e-003**		**95.2691**

3.4 Building - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8813	23.7049	15.1326	0.0226		1.5848	1.5848		1.4965	1.4965		2,227.3468	2,227.3468	0.5287		2,238.4501
Total	**2.8813**	**23.7049**	**15.1326**	**0.0226**		**1.5848**	**1.5848**		**1.4965**	**1.4965**		**2,227.3468**	**2,227.3468**	**0.5287**		**2,238.4501**

3.4 Building - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7184	7.4688	8.5781	0.0187	0.5375	0.1213	0.6587	0.1531	0.1115	0.2646		1,876.5024	1,876.5024	0.0135		1,876.7851
Worker	1.9233	2.4054	29.9669	0.0654	5.1641	0.0432	5.2072	1.3695	0.0397	1.4092		5,495.8715	5,495.8715	0.2817		5,501.7880
Total	**2.6417**	**9.8741**	**38.5450**	**0.0842**	**5.7015**	**0.1644**	**5.8660**	**1.5226**	**0.1512**	**1.6738**		**7,372.3738**	**7,372.3738**	**0.2952**		**7,378.5731**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.8813	23.7049	15.1326	0.0226		1.5848	1.5848		1.4965	1.4965	0.0000	2,227.3468	2,227.3468	0.5287		2,238.4501
Total	**2.8813**	**23.7049**	**15.1326**	**0.0226**		**1.5848**	**1.5848**		**1.4965**	**1.4965**	**0.0000**	**2,227.3468**	**2,227.3468**	**0.5287**		**2,238.4501**

3.4 Building - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.7184	7.4688	8.5781	0.0187	0.5375	0.1213	0.6587	0.1531	0.1115	0.2646		1,876.5024	1,876.5024	0.0135		1,876.7851
Worker	1.9233	2.4054	29.9669	0.0654	5.1641	0.0432	5.2072	1.3695	0.0397	1.4092		5,495.8715	5,495.8715	0.2817		5,501.7880
Total	**2.6417**	**9.8741**	**38.5450**	**0.0842**	**5.7015**	**0.1644**	**5.8660**	**1.5226**	**0.1512**	**1.6738**		**7,372.3738**	**7,372.3738**	**0.2952**		**7,378.5731**

3.4 Building - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6142	21.9159	14.7854	0.0226		1.4302	1.4302		1.3501	1.3501		2,205.0687	2,205.0687	0.5165		2,215.9152
Total	**2.6142**	**21.9159**	**14.7854**	**0.0226**		**1.4302**	**1.4302**		**1.3501**	**1.3501**		**2,205.0687**	**2,205.0687**	**0.5165**		**2,215.9152**

3.4 Building - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6585	6.8006	8.0676	0.0187	0.5376	0.1082	0.6459	0.1531	0.0995	0.2527		1,846.1376	1,846.1376	0.0130		1,846.4110
Worker	1.7290	2.1722	27.1210	0.0654	5.1641	0.0415	5.2056	1.3695	0.0383	1.4079		5,285.5458	5,285.5458	0.2600		5,291.0062
Total	**2.3876**	**8.9728**	**35.1886**	**0.0841**	**5.7017**	**0.1498**	**5.8515**	**1.5227**	**0.1378**	**1.6605**		**7,131.6834**	**7,131.6834**	**0.2730**		**7,137.4171**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6142	21.9159	14.7854	0.0226		1.4302	1.4302		1.3501	1.3501	0.0000	2,205.0687	2,205.0687	0.5165		2,215.9152
Total	**2.6142**	**21.9159**	**14.7854**	**0.0226**		**1.4302**	**1.4302**		**1.3501**	**1.3501**	**0.0000**	**2,205.0687**	**2,205.0687**	**0.5165**		**2,215.9152**

3.4 Building - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6585	6.8006	8.0676	0.0187	0.5376	0.1082	0.6459	0.1531	0.0995	0.2527		1,846.1376	1,846.1376	0.0130		1,846.4110
Worker	1.7290	2.1722	27.1210	0.0654	5.1641	0.0415	5.2056	1.3695	0.0383	1.4079		5,285.5458	5,285.5458	0.2600		5,291.0062
Total	**2.3876**	**8.9728**	**35.1886**	**0.0841**	**5.7017**	**0.1498**	**5.8515**	**1.5227**	**0.1378**	**1.6605**		**7,131.6834**	**7,131.6834**	**0.2730**		**7,137.4171**

3.4 Building - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2577	19.3853	14.2768	0.0226		1.2056	1.2056		1.1392	1.1392		2,182.4724	2,182.4724	0.5056		2,193.0906
Total	**2.2577**	**19.3853**	**14.2768**	**0.0226**		**1.2056**	**1.2056**		**1.1392**	**1.1392**		**2,182.4724**	**2,182.4724**	**0.5056**		**2,193.0906**

3.4 Building - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6177	6.2450	7.6864	0.0187	0.5376	0.1020	0.6397	0.1531	0.0938	0.2470		1,815.1795	1,815.1795	0.0129		1,815.4512
Worker	1.5588	1.9706	24.6421	0.0654	5.1641	0.0404	5.2045	1.3695	0.0374	1.4070		5,088.8726	5,088.8726	0.2413		5,093.9406
Total	**2.1765**	**8.2156**	**32.3285**	**0.0841**	**5.7017**	**0.1424**	**5.8442**	**1.5227**	**0.1313**	**1.6539**		**6,904.0521**	**6,904.0521**	**0.2543**		**6,909.3918**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2577	19.3853	14.2768	0.0226		1.2056	1.2056		1.1392	1.1392	0.0000	2,182.4724	2,182.4724	0.5056		2,193.0906
Total	**2.2577**	**19.3853**	**14.2768**	**0.0226**		**1.2056**	**1.2056**		**1.1392**	**1.1392**	**0.0000**	**2,182.4724**	**2,182.4724**	**0.5056**		**2,193.0906**

3.4 Building - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.6177	6.2450	7.6864	0.0187	0.5376	0.1020	0.6397	0.1531	0.0938	0.2470		1,815.1795	1,815.1795	0.0129		1,815.4512
Worker	1.5588	1.9706	24.6421	0.0654	5.1641	0.0404	5.2045	1.3695	0.0374	1.4070		5,088.8726	5,088.8726	0.2413		5,093.9406
Total	**2.1765**	**8.2156**	**32.3285**	**0.0841**	**5.7017**	**0.1424**	**5.8442**	**1.5227**	**0.1313**	**1.6539**		**6,904.0521**	**6,904.0521**	**0.2543**		**6,909.3918**

3.4 Building - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9880	17.4915	13.9113	0.0226		1.0379	1.0379		0.9809	0.9809		2,160.3422	2,160.3422	0.4949		2,170.7350
Total	**1.9880**	**17.4915**	**13.9113**	**0.0226**		**1.0379**	**1.0379**		**0.9809**	**0.9809**		**2,160.3422**	**2,160.3422**	**0.4949**		**2,170.7350**

3.4 Building - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5850	5.7612	7.3976	0.0186	0.5377	0.0968	0.6345	0.1532	0.0890	0.2422		1,779.8091	1,779.8091	0.0127		1,780.0756
Worker	1.4347	1.8075	22.6473	0.0653	5.1641	0.0397	5.2038	1.3695	0.0368	1.4064		4,895.9353	4,895.9353	0.2259		4,900.6793
Total	**2.0198**	**7.5687**	**30.0449**	**0.0839**	**5.7018**	**0.1365**	**5.8383**	**1.5227**	**0.1259**	**1.6485**		**6,675.7444**	**6,675.7444**	**0.2386**		**6,680.7550**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9880	17.4915	13.9113	0.0226		1.0379	1.0379		0.9809	0.9809	0.0000	2,160.3422	2,160.3422	0.4949		2,170.7350
Total	**1.9880**	**17.4915**	**13.9113**	**0.0226**		**1.0379**	**1.0379**		**0.9809**	**0.9809**	**0.0000**	**2,160.3422**	**2,160.3422**	**0.4949**		**2,170.7350**

3.4 Building - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5850	5.7612	7.3976	0.0186	0.5377	0.0968	0.6345	0.1532	0.0890	0.2422		1,779.8091	1,779.8091	0.0127		1,780.0756
Worker	1.4347	1.8075	22.6473	0.0653	5.1641	0.0397	5.2038	1.3695	0.0368	1.4064		4,895.9353	4,895.9353	0.2259		4,900.6793
Total	**2.0198**	**7.5687**	**30.0449**	**0.0839**	**5.7018**	**0.1365**	**5.8383**	**1.5227**	**0.1259**	**1.6485**		**6,675.7444**	**6,675.7444**	**0.2386**		**6,680.7550**

3.4 Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7839	15.9444	13.6334	0.0226		0.8997	0.8997		0.8504	0.8504		2,131.2766	2,131.2766	0.4864		2,141.4919
Total	**1.7839**	**15.9444**	**13.6334**	**0.0226**		**0.8997**	**0.8997**		**0.8504**	**0.8504**		**2,131.2766**	**2,131.2766**	**0.4864**		**2,141.4919**

3.4 Building - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5556	5.0298	7.1476	0.0186	0.5377	0.0886	0.6263	0.1532	0.0815	0.2347		1,739.7396	1,739.7396	0.0124		1,740.0005
Worker	1.3449	1.6759	21.1109	0.0652	5.1641	0.0395	5.2035	1.3695	0.0366	1.4061		4,697.7900	4,697.7900	0.2140		4,702.2832
Total	**1.9005**	**6.7057**	**28.2585**	**0.0838**	**5.7018**	**0.1280**	**5.8298**	**1.5227**	**0.1181**	**1.6408**		**6,437.5296**	**6,437.5296**	**0.2264**		**6,442.2837**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7839	15.9444	13.6334	0.0226		0.8997	0.8997		0.8504	0.8504	0.0000	2,131.2766	2,131.2766	0.4864		2,141.4919
Total	**1.7839**	**15.9444**	**13.6334**	**0.0226**		**0.8997**	**0.8997**		**0.8504**	**0.8504**	**0.0000**	**2,131.2766**	**2,131.2766**	**0.4864**		**2,141.4919**

3.4 Building - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.5556	5.0298	7.1476	0.0186	0.5377	0.0886	0.6263	0.1532	0.0815	0.2347		1,739.7396	1,739.7396	0.0124		1,740.0005
Worker	1.3449	1.6759	21.1109	0.0652	5.1641	0.0395	5.2035	1.3695	0.0366	1.4061		4,697.7900	4,697.7900	0.2140		4,702.2832
Total	**1.9005**	**6.7057**	**28.2585**	**0.0838**	**5.7018**	**0.1280**	**5.8298**	**1.5227**	**0.1181**	**1.6408**		**6,437.5296**	**6,437.5296**	**0.2264**		**6,442.2837**

3.5 Paving - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7529	19.2732	12.8041	0.0197		1.0318	1.0318		0.9492	0.9492		2,043.8988	2,043.8988	0.6165		2,056.8456
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7529**	**19.2732**	**12.8041**	**0.0197**		**1.0318**	**1.0318**		**0.9492**	**0.9492**		**2,043.8988**	**2,043.8988**	**0.6165**		**2,056.8456**

3.5 Paving - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0677	0.8432	1.8400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		154.6457	154.6457	7.9300e-003		154.8122
Total	**0.0541**	**0.0677**	**0.8432**	**1.8400e-003**	**0.1453**	**1.2100e-003**	**0.1465**	**0.0385**	**1.1200e-003**	**0.0397**		**154.6457**	**154.6457**	**7.9300e-003**		**154.8122**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7529	19.2732	12.8041	0.0197		1.0318	1.0318		0.9492	0.9492	0.0000	2,043.8988	2,043.8988	0.6165		2,056.8456
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.7529**	**19.2732**	**12.8041**	**0.0197**		**1.0318**	**1.0318**		**0.9492**	**0.9492**	**0.0000**	**2,043.8988**	**2,043.8988**	**0.6165**		**2,056.8456**

3.5 Paving - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0677	0.8432	1.8400e-003	0.1453	1.2100e-003	0.1465	0.0385	1.1200e-003	0.0397		154.6457	154.6457	7.9300e-003		154.8122
Total	**0.0541**	**0.0677**	**0.8432**	**1.8400e-003**	**0.1453**	**1.2100e-003**	**0.1465**	**0.0385**	**1.1200e-003**	**0.0397**		**154.6457**	**154.6457**	**7.9300e-003**		**154.8122**

3.5 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5965	17.3950	12.7362	0.0197		0.9282	0.9282		0.8539	0.8539		2,012.8949	2,012.8949	0.6168		2,025.8466
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5965**	**17.3950**	**12.7362**	**0.0197**		**0.9282**	**0.9282**		**0.8539**	**0.8539**		**2,012.8949**	**2,012.8949**	**0.6168**		**2,025.8466**

3.5 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0611	0.7632	1.8400e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.7275	148.7275	7.3200e-003		148.8811
Total	**0.0487**	**0.0611**	**0.7632**	**1.8400e-003**	**0.1453**	**1.1700e-003**	**0.1465**	**0.0385**	**1.0800e-003**	**0.0396**		**148.7275**	**148.7275**	**7.3200e-003**		**148.8811**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5965	17.3950	12.7362	0.0197		0.9282	0.9282		0.8539	0.8539	0.0000	2,012.8949	2,012.8949	0.6168		2,025.8466
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5965**	**17.3950**	**12.7362**	**0.0197**		**0.9282**	**0.9282**		**0.8539**	**0.8539**	**0.0000**	**2,012.8949**	**2,012.8949**	**0.6168**		**2,025.8466**

3.5 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0487	0.0611	0.7632	1.8400e-003	0.1453	1.1700e-003	0.1465	0.0385	1.0800e-003	0.0396		148.7275	148.7275	7.3200e-003		148.8811
Total	**0.0487**	**0.0611**	**0.7632**	**1.8400e-003**	**0.1453**	**1.1700e-003**	**0.1465**	**0.0385**	**1.0800e-003**	**0.0396**		**148.7275**	**148.7275**	**7.3200e-003**		**148.8811**

3.5 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3535	14.6693	12.5590	0.0197		0.7671	0.7671		0.7057	0.7057		1,981.3631	1,981.3631	0.6168		1,994.3165
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3535**	**14.6693**	**12.5590**	**0.0197**		**0.7671**	**0.7671**		**0.7057**	**0.7057**		**1,981.3631**	**1,981.3631**	**0.6168**		**1,994.3165**

3.5 Paving - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0439	0.0555	0.6934	1.8400e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		143.1934	143.1934	6.7900e-003		143.3360
Total	**0.0439**	**0.0555**	**0.6934**	**1.8400e-003**	**0.1453**	**1.1400e-003**	**0.1465**	**0.0385**	**1.0500e-003**	**0.0396**		**143.1934**	**143.1934**	**6.7900e-003**		**143.3360**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3535	14.6693	12.5590	0.0197		0.7671	0.7671		0.7057	0.7057	0.0000	1,981.3631	1,981.3631	0.6168		1,994.3165
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3535**	**14.6693**	**12.5590**	**0.0197**		**0.7671**	**0.7671**		**0.7057**	**0.7057**	**0.0000**	**1,981.3631**	**1,981.3631**	**0.6168**		**1,994.3165**

3.5 Paving - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0439	0.0555	0.6934	1.8400e-003	0.1453	1.1400e-003	0.1465	0.0385	1.0500e-003	0.0396		143.1934	143.1934	6.7900e-003		143.3360
Total	**0.0439**	**0.0555**	**0.6934**	**1.8400e-003**	**0.1453**	**1.1400e-003**	**0.1465**	**0.0385**	**1.0500e-003**	**0.0396**		**143.1934**	**143.1934**	**6.7900e-003**		**143.3360**

3.5 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1993	12.6944	12.4579	0.0197		0.6621	0.6621		0.6091	0.6091		1,949.2894	1,949.2894	0.6167		1,962.2408
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1993**	**12.6944**	**12.4579**	**0.0197**		**0.6621**	**0.6621**		**0.6091**	**0.6091**		**1,949.2894**	**1,949.2894**	**0.6167**		**1,962.2408**

3.5 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0404	0.0509	0.6373	1.8400e-003	0.1453	1.1200e-003	0.1464	0.0385	1.0400e-003	0.0396		137.7644	137.7644	6.3600e-003		137.8979
Total	**0.0404**	**0.0509**	**0.6373**	**1.8400e-003**	**0.1453**	**1.1200e-003**	**0.1464**	**0.0385**	**1.0400e-003**	**0.0396**		**137.7644**	**137.7644**	**6.3600e-003**		**137.8979**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1993	12.6944	12.4579	0.0197		0.6621	0.6621		0.6091	0.6091	0.0000	1,949.2894	1,949.2894	0.6167		1,962.2408
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1993**	**12.6944**	**12.4579**	**0.0197**		**0.6621**	**0.6621**		**0.6091**	**0.6091**	**0.0000**	**1,949.2894**	**1,949.2894**	**0.6167**		**1,962.2408**

3.5 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0404	0.0509	0.6373	1.8400e-003	0.1453	1.1200e-003	0.1464	0.0385	1.0400e-003	0.0396		137.7644	137.7644	6.3600e-003		137.8979
Total	**0.0404**	**0.0509**	**0.6373**	**1.8400e-003**	**0.1453**	**1.1200e-003**	**0.1464**	**0.0385**	**1.0400e-003**	**0.0396**		**137.7644**	**137.7644**	**6.3600e-003**		**137.8979**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	11.7034	12.4590	0.0197		0.6064	0.6064		0.5579	0.5579		1,906.6907	1,906.6907	0.6167		1,919.6406
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1219**	**11.7034**	**12.4590**	**0.0197**		**0.6064**	**0.6064**		**0.5579**	**0.5579**		**1,906.6907**	**1,906.6907**	**0.6167**		**1,919.6406**

3.5 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0378	0.0472	0.5940	1.8400e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0300e-003	0.0396		132.1889	132.1889	6.0200e-003		132.3153
Total	**0.0378**	**0.0472**	**0.5940**	**1.8400e-003**	**0.1453**	**1.1100e-003**	**0.1464**	**0.0385**	**1.0300e-003**	**0.0396**		**132.1889**	**132.1889**	**6.0200e-003**		**132.3153**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1219	11.7034	12.4590	0.0197		0.6064	0.6064		0.5579	0.5579	0.0000	1,906.6907	1,906.6907	0.6167		1,919.6406
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1219**	**11.7034**	**12.4590**	**0.0197**		**0.6064**	**0.6064**		**0.5579**	**0.5579**	**0.0000**	**1,906.6907**	**1,906.6907**	**0.6167**		**1,919.6406**

3.5 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0378	0.0472	0.5940	1.8400e-003	0.1453	1.1100e-003	0.1464	0.0385	1.0300e-003	0.0396		132.1889	132.1889	6.0200e-003		132.3153
Total	**0.0378**	**0.0472**	**0.5940**	**1.8400e-003**	**0.1453**	**1.1100e-003**	**0.1464**	**0.0385**	**1.0300e-003**	**0.0396**		**132.1889**	**132.1889**	**6.0200e-003**		**132.3153**

3.6 Architectural Coating - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966		281.4481	281.4481	0.0332		282.1449
Total	**7.6963**	**2.3722**	**1.8839**	**2.9700e-003**		**0.1966**	**0.1966**		**0.1966**	**0.1966**		**281.4481**	**281.4481**	**0.0332**		**282.1449**

3.6 Architectural Coating - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3830	0.4790	5.9674	0.0130	1.0283	8.6000e-003	1.0369	0.2727	7.9000e-003	0.2806		1,094.4160	1,094.4160	0.0561		1,095.5941
Total	**0.3830**	**0.4790**	**5.9674**	**0.0130**	**1.0283**	**8.6000e-003**	**1.0369**	**0.2727**	**7.9000e-003**	**0.2806**		**1,094.4160**	**1,094.4160**	**0.0561**		**1,095.5941**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3685	2.3722	1.8839	2.9700e-003		0.1966	0.1966		0.1966	0.1966	0.0000	281.4481	281.4481	0.0332		282.1449
Total	**7.6963**	**2.3722**	**1.8839**	**2.9700e-003**		**0.1966**	**0.1966**		**0.1966**	**0.1966**	**0.0000**	**281.4481**	**281.4481**	**0.0332**		**282.1449**

3.6 Architectural Coating - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3830	0.4790	5.9674	0.0130	1.0283	8.6000e-003	1.0369	0.2727	7.9000e-003	0.2806		1,094.4160	1,094.4160	0.0561		1,095.5941
Total	**0.3830**	**0.4790**	**5.9674**	**0.0130**	**1.0283**	**8.6000e-003**	**1.0369**	**0.2727**	**7.9000e-003**	**0.2806**		**1,094.4160**	**1,094.4160**	**0.0561**		**1,095.5941**

3.6 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	**7.6601**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**		**281.4481**	**281.4481**	**0.0297**		**282.0721**

3.6 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3443	0.4326	5.4007	0.0130	1.0283	8.2700e-003	1.0366	0.2727	7.6300e-003	0.2804		1,052.5329	1,052.5329	0.0518		1,053.6203
Total	**0.3443**	**0.4326**	**5.4007**	**0.0130**	**1.0283**	**8.2700e-003**	**1.0366**	**0.2727**	**7.6300e-003**	**0.2804**		**1,052.5329**	**1,052.5329**	**0.0518**		**1,053.6203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	**7.6601**	**2.1850**	**1.8681**	**2.9700e-003**		**0.1733**	**0.1733**		**0.1733**	**0.1733**	**0.0000**	**281.4481**	**281.4481**	**0.0297**		**282.0721**

3.6 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3443	0.4326	5.4007	0.0130	1.0283	8.2700e-003	1.0366	0.2727	7.6300e-003	0.2804		1,052.5329	1,052.5329	0.0518		1,053.6203
Total	**0.3443**	**0.4326**	**5.4007**	**0.0130**	**1.0283**	**8.2700e-003**	**1.0366**	**0.2727**	**7.6300e-003**	**0.2804**		**1,052.5329**	**1,052.5329**	**0.0518**		**1,053.6203**

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.0102
Total	**7.6264**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**		**281.4485**	**281.4485**	**0.0267**		**282.0102**

3.6 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3104	0.3924	4.9071	0.0130	1.0283	8.0500e-003	1.0364	0.2727	7.4500e-003	0.2802		1,013.3686	1,013.3686	0.0481		1,014.3778
Total	**0.3104**	**0.3924**	**4.9071**	**0.0130**	**1.0283**	**8.0500e-003**	**1.0364**	**0.2727**	**7.4500e-003**	**0.2802**		**1,013.3686**	**1,013.3686**	**0.0481**		**1,014.3778**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.0102
Total	**7.6264**	**2.0058**	**1.8542**	**2.9700e-003**		**0.1506**	**0.1506**		**0.1506**	**0.1506**	**0.0000**	**281.4485**	**281.4485**	**0.0267**		**282.0102**

3.6 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3104	0.3924	4.9071	0.0130	1.0283	8.0500e-003	1.0364	0.2727	7.4500e-003	0.2802		1,013.3686	1,013.3686	0.0481		1,014.3778
Total	**0.3104**	**0.3924**	**4.9071**	**0.0130**	**1.0283**	**8.0500e-003**	**1.0364**	**0.2727**	**7.4500e-003**	**0.2802**		**1,013.3686**	**1,013.3686**	**0.0481**		**1,014.3778**

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		281.9473
Total	**7.5942**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**281.9473**

3.6 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2857	0.3599	4.5099	0.0130	1.0283	7.9100e-003	1.0363	0.2727	7.3300e-003	0.2801		974.9482	974.9482	0.0450		975.8929
Total	**0.2857**	**0.3599**	**4.5099**	**0.0130**	**1.0283**	**7.9100e-003**	**1.0363**	**0.2727**	**7.3300e-003**	**0.2801**		**974.9482**	**974.9482**	**0.0450**		**975.8929**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		281.9473
Total	**7.5942**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**281.9473**

3.6 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2857	0.3599	4.5099	0.0130	1.0283	7.9100e-003	1.0363	0.2727	7.3300e-003	0.2801		974.9482	974.9482	0.0450		975.8929
Total	**0.2857**	**0.3599**	**4.5099**	**0.0130**	**1.0283**	**7.9100e-003**	**1.0363**	**0.2727**	**7.3300e-003**	**0.2801**		**974.9482**	**974.9482**	**0.0450**		**975.8929**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9057
Total	**7.5700**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9057**

3.6 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2678	0.3337	4.2039	0.0130	1.0283	7.8600e-003	1.0362	0.2727	7.2900e-003	0.2800		935.4907	935.4907	0.0426		936.3854
Total	**0.2678**	**0.3337**	**4.2039**	**0.0130**	**1.0283**	**7.8600e-003**	**1.0362**	**0.2727**	**7.2900e-003**	**0.2800**		**935.4907**	**935.4907**	**0.0426**		**936.3854**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3278					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9057
Total	**7.5700**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9057**

3.6 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2678	0.3337	4.2039	0.0130	1.0283	7.8600e-003	1.0362	0.2727	7.2900e-003	0.2800		935.4907	935.4907	0.0426		936.3854
Total	**0.2678**	**0.3337**	**4.2039**	**0.0130**	**1.0283**	**7.8600e-003**	**1.0362**	**0.2727**	**7.2900e-003**	**0.2800**		**935.4907**	**935.4907**	**0.0426**		**936.3854**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	18.8291	49.4698	216.0165	0.7271	48.4431	0.9166	49.3597	12.9448	0.8455	13.7903		55,487.4252	55,487.4252	1.8451		55,526.1712
Unmitigated	18.8291	49.4698	216.0165	0.7271	48.4431	0.9166	49.3597	12.9448	0.8455	13.7903		55,487.4252	55,487.4252	1.8451		55,526.1712

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	3,163.20	3,436.80	2913.60	10,820,851	10,820,851
Single Family Housing	3,081.54	3,245.76	2823.94	10,484,506	10,484,506
Total	6,244.74	6,682.56	5,737.54	21,305,356	21,305,356

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4991	4.2652	1.8150	0.0272		0.3449	0.3449		0.3449	0.3449		5,444.9757	5,444.9757	0.1044	0.0998	5,478.1129
NaturalGas Unmitigated	0.4991	4.2652	1.8150	0.0272		0.3449	0.3449		0.3449	0.3449		5,444.9757	5,444.9757	0.1044	0.0998	5,478.1129

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	17534.7	0.1891	1.6159	0.6876	0.0103		0.1307	0.1307		0.1307	0.1307		2,062.9015	2,062.9015	0.0395	0.0378	2,075.4560
Single Family Housing	28747.6	0.3100	2.6493	1.1274	0.0169		0.2142	0.2142		0.2142	0.2142		3,382.0742	3,382.0742	0.0648	0.0620	3,402.6569
Total		**0.4991**	**4.2652**	**1.8150**	**0.0272**		**0.3449**	**0.3449**		**0.3449**	**0.3449**		**5,444.9757**	**5,444.9757**	**0.1044**	**0.0998**	**5,478.1130**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Condo/Townhouse	17.5347	0.1891	1.6159	0.6876	0.0103		0.1307	0.1307		0.1307	0.1307		2,062.9015	2,062.9015	0.0395	0.0378	2,075.4560
Single Family Housing	28.7476	0.3100	2.6493	1.1274	0.0169		0.2142	0.2142		0.2142	0.2142		3,382.0742	3,382.0742	0.0648	0.0620	3,402.6569
Total		**0.4991**	**4.2652**	**1.8150**	**0.0272**		**0.3449**	**0.3449**		**0.3449**	**0.3449**		**5,444.9757**	**5,444.9757**	**0.1044**	**0.0998**	**5,478.1130**

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	25.2598	0.7654	66.3098	3.4900e-003		0.3655	0.3655		0.3655	0.3655	0.0000	119.1390	119.1390	0.1155	0.0000	121.5635
Unmitigated	25.2598	0.7654	66.3098	3.4900e-003		0.3655	0.3655		0.3655	0.3655	0.0000	119.1390	119.1390	0.1155	0.0000	121.5635

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.9801					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0091	0.7654	66.3098	3.4900e-003		0.3655	0.3655		0.3655	0.3655		119.1390	119.1390	0.1155		121.5635
Total	**25.2598**	**0.7654**	**66.3098**	**3.4900e-003**		**0.3655**	**0.3655**		**0.3655**	**0.3655**	**0.0000**	**119.1390**	**119.1390**	**0.1155**	**0.0000**	**121.5635**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.2706					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	20.9801					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0091	0.7654	66.3098	3.4900e-003		0.3655	0.3655		0.3655	0.3655		119.1390	119.1390	0.1155		121.5635
Total	**25.2598**	**0.7654**	**66.3098**	**3.4900e-003**		**0.3655**	**0.3655**		**0.3655**	**0.3655**	**0.0000**	**119.1390**	**119.1390**	**0.1155**	**0.0000**	**121.5635**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

Los Valles Existing Reduced Grading Alt

South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Condo/Townhouse	480.00	Dwelling Unit	30.00	480,000.00	1373
Single Family Housing	322.00	Dwelling Unit	104.55	579,600.00	921

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 322 single family homes, 480 townhomes

Construction Phase - grading 10/1/15-4/1/16 trenching 4/2/16-6/2/16 building/paving/coating 6/3/16-10/3/20

Trips and VMT - 0.25 mile hauling length

Grading - 1.1 million cubic yards imported and exported, 195 acres disturbed

Woodstoves - No fire places

Construction Off-road Equipment Mitigation - Water three times a day

Area Mitigation - No hearths

Off-road Equipment - 1 generator, 1 tractor, 1 welder

Off-road Equipment - 1 excavator, 0 graders, 3 rubber dozers, 4 scrapers, 1 tractors

Off-road Equipment - 2 forklifts, 2 tractors

Off-road Equipment - 1 roller

Off-road Equipment -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	220.00	1,131.00
tblConstructionPhase	NumDays	310.00	132.00
tblConstructionPhase	NumDays	220.00	1,131.00
tblConstructionPhase	NumDays	3,100.00	1,131.00
tblConstructionPhase	PhaseEndDate	2/3/2025	10/3/2020
tblConstructionPhase	PhaseEndDate	2/3/2025	10/3/2020
tblConstructionPhase	PhaseEndDate	10/2/2020	10/3/2020
tblConstructionPhase	PhaseStartDate	10/4/2020	6/3/2016
tblConstructionPhase	PhaseStartDate	10/4/2020	6/3/2016
tblFireplaces	NumberGas	408.00	0.00
tblFireplaces	NumberGas	273.70	0.00
tblFireplaces	NumberNoFireplace	48.00	0.00
tblFireplaces	NumberNoFireplace	32.20	0.00

tblFireplaces	NumberWood	24.00	0.00
tblFireplaces	NumberWood	16.10	0.00
tblGrading	AcresOfGrading	528.00	195.00
tblGrading	MaterialExported	0.00	1.10
tblGrading	MaterialImported	0.00	1.10
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblProjectCharacteristics	OperationalYear	2014	2021
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblWoodstoves	NumberCatalytic	24.00	0.00
tblWoodstoves	NumberCatalytic	16.10	0.00
tblWoodstoves	NumberNoncatalytic	24.00	0.00
tblWoodstoves	NumberNoncatalytic	16.10	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	0.3456	4.1581	2.8598	3.2300e-003	1.3041	0.1825	1.4866	0.6688	0.1679	0.8367	0.0000	305.7503	305.7503	0.0893	0.0000	307.6260
2016	1.4933	8.2204	8.3730	0.0138	1.8157	0.3987	2.2143	0.8055	0.3708	1.1763	0.0000	1,183.9328	1,183.9328	0.1947	0.0000	1,188.0203
2017	1.8990	6.7100	9.1290	0.0182	0.8775	0.3499	1.2274	0.2344	0.3282	0.5626	0.0000	1,476.1647	1,476.1647	0.1763	0.0000	1,479.8679
2018	1.7907	5.9138	8.6350	0.0183	0.8809	0.2969	1.1778	0.2353	0.2787	0.5140	0.0000	1,444.4815	1,444.4815	0.1727	0.0000	1,448.1075
2019	1.7070	5.2907	8.2246	0.0183	0.8809	0.2577	1.1386	0.2353	0.2419	0.4772	0.0000	1,407.0915	1,407.0915	0.1688	0.0000	1,410.6355
2020	1.2510	3.6533	6.0060	0.0139	0.6683	0.1737	0.8419	0.1785	0.1629	0.3415	0.0000	1,036.5539	1,036.5539	0.1257	0.0000	1,039.1946
Total	**8.4865**	**33.9463**	**43.2274**	**0.0857**	**6.4273**	**1.6593**	**8.0866**	**2.3578**	**1.5504**	**3.9082**	**0.0000**	**6,853.9746**	**6,853.9746**	**0.9275**	**0.0000**	**6,873.4518**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2015	0.3456	4.1581	2.8598	3.2300e-003	0.5137	0.1825	0.6962	0.2622	0.1679	0.4301	0.0000	305.7499	305.7499	0.0893	0.0000	307.6257
2016	1.4933	8.2204	8.3730	0.0138	1.0252	0.3987	1.4239	0.3988	0.3708	0.7697	0.0000	1,183.9320	1,183.9320	0.1947	0.0000	1,188.0196
2017	1.8990	6.7100	9.1290	0.0182	0.8775	0.3499	1.2274	0.2344	0.3282	0.5626	0.0000	1,476.1641	1,476.1641	0.1763	0.0000	1,479.8673
2018	1.7907	5.9138	8.6350	0.0183	0.8809	0.2969	1.1778	0.2353	0.2787	0.5140	0.0000	1,444.4809	1,444.4809	0.1727	0.0000	1,448.1069
2019	1.7070	5.2907	8.2246	0.0183	0.8809	0.2577	1.1386	0.2353	0.2419	0.4772	0.0000	1,407.0909	1,407.0909	0.1688	0.0000	1,410.6349
2020	1.2510	3.6533	6.0060	0.0139	0.6683	0.1737	0.8419	0.1785	0.1629	0.3415	0.0000	1,036.5535	1,036.5535	0.1257	0.0000	1,039.1941
Total	**8.4865**	**33.9463**	**43.2274**	**0.0857**	**4.8464**	**1.6593**	**6.5057**	**1.5446**	**1.5504**	**3.0949**	**0.0000**	**6,853.9712**	**6,853.9712**	**0.9275**	**0.0000**	**6,873.4484**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**24.60**	**0.00**	**19.55**	**34.49**	**0.00**	**20.81**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4944	0.0957	8.2887	4.4000e-004		0.0457	0.0457		0.0457	0.0457	0.0000	13.5101	13.5101	0.0131	0.0000	13.7851
Energy	0.0911	0.7784	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629	0.0000	2,192.1501	2,192.1501	0.0766	0.0288	2,202.6874
Mobile	3.1267	9.0079	36.4544	0.1186	8.0764	0.1557	8.2321	2.1614	0.1436	2.3050	0.0000	8,229.6739	8,229.6739	0.2840	0.0000	8,235.6384
Waste						0.0000	0.0000		0.0000	0.0000	121.4718	0.0000	121.4718	7.1788	0.0000	272.2262
Water						0.0000	0.0000		0.0000	0.0000	16.5776	299.4404	316.0180	1.7165	0.0431	365.4094
Total	**7.7122**	**9.8819**	**45.0743**	**0.1240**	**8.0764**	**0.2643**	**8.3407**	**2.1614**	**0.2522**	**2.4136**	**138.0495**	**10,734.7745**	**10,872.8239**	**9.2690**	**0.0719**	**11,089.7465**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	4.4944	0.0957	8.2887	4.4000e-004		0.0457	0.0457		0.0457	0.0457	0.0000	13.5101	13.5101	0.0131	0.0000	13.7851
Energy	0.0911	0.7784	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629	0.0000	2,192.1501	2,192.1501	0.0766	0.0288	2,202.6874
Mobile	3.1267	9.0079	36.4544	0.1186	8.0764	0.1557	8.2321	2.1614	0.1436	2.3050	0.0000	8,229.6739	8,229.6739	0.2840	0.0000	8,235.6384
Waste						0.0000	0.0000		0.0000	0.0000	121.4718	0.0000	121.4718	7.1788	0.0000	272.2262
Water						0.0000	0.0000		0.0000	0.0000	16.5776	299.4404	316.0180	1.7161	0.0430	365.3830
Total	**7.7122**	**9.8819**	**45.0743**	**0.1240**	**8.0764**	**0.2643**	**8.3407**	**2.1614**	**0.2522**	**2.4136**	**138.0495**	**10,734.7745**	**10,872.8239**	**9.2686**	**0.0718**	**11,089.7200**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.08**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2015	4/1/2016	5	132	
2	Trenching	Trenching	4/2/2016	6/2/2016	5	44	
3	Building	Building Construction	6/3/2016	10/3/2020	5	1131	
4	Paving	Paving	6/3/2016	10/3/2020	5	1131	
5	Architectural Coating	Architectural Coating	6/3/2016	10/3/2020	5	1131	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 195

Acres of Paving: 0

Residential Indoor: 2,145,690; Residential Outdoor: 715,230; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	162	0.38
Grading	Graders	0	8.00	174	0.41
Grading	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	4	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching	Cranes	0		226	0.29
Trenching	Forklifts	0		89	0.20
Trenching	Generator Sets	1		84	0.74
Trenching	Tractors/Loaders/Backhoes	1		97	0.37
Trenching	Welders	1		46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	1	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building	Cranes	1	7.00	226	0.29
Building	Forklifts	2	8.00	89	0.20
Building	Generator Sets	1	8.00	84	0.74
Building	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	9	23.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Trenching	3	8.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	92.00	0.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Building	7	462.00	86.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Grading - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2958	0.0000	1.2958	0.6666	0.0000	0.6666	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3422	4.1532	2.8083	3.1200e-003		0.1824	0.1824		0.1678	0.1678	0.0000	297.6692	297.6692	0.0889	0.0000	299.5354
Total	**0.3422**	**4.1532**	**2.8083**	**3.1200e-003**	**1.2958**	**0.1824**	**1.4782**	**0.6666**	**0.1678**	**0.8344**	**0.0000**	**297.6692**	**297.6692**	**0.0889**	**0.0000**	**299.5354**

3.2 Grading - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3800e-003	4.9500e-003	0.0515	1.0000e-004	8.3300e-003	7.0000e-005	8.4000e-003	2.2100e-003	7.0000e-005	2.2800e-003	0.0000	8.0810	8.0810	4.6000e-004	0.0000	8.0906
Total	**3.3800e-003**	**4.9500e-003**	**0.0515**	**1.0000e-004**	**8.3300e-003**	**7.0000e-005**	**8.4000e-003**	**2.2100e-003**	**7.0000e-005**	**2.2800e-003**	**0.0000**	**8.0810**	**8.0810**	**4.6000e-004**	**0.0000**	**8.0906**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5054	0.0000	0.5054	0.2600	0.0000	0.2600	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3422	4.1532	2.8083	3.1200e-003		0.1824	0.1824		0.1678	0.1678	0.0000	297.6689	297.6689	0.0889	0.0000	299.5351
Total	**0.3422**	**4.1532**	**2.8083**	**3.1200e-003**	**0.5054**	**0.1824**	**0.6878**	**0.2600**	**0.1678**	**0.4278**	**0.0000**	**297.6689**	**297.6689**	**0.0889**	**0.0000**	**299.5351**

3.2 Grading - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3800e-003	4.9500e-003	0.0515	1.0000e-004	8.3300e-003	7.0000e-005	8.4000e-003	2.2100e-003	7.0000e-005	2.2800e-003	0.0000	8.0810	8.0810	4.6000e-004	0.0000	8.0906
Total	**3.3800e-003**	**4.9500e-003**	**0.0515**	**1.0000e-004**	**8.3300e-003**	**7.0000e-005**	**8.4000e-003**	**2.2100e-003**	**7.0000e-005**	**2.2800e-003**	**0.0000**	**8.0810**	**8.0810**	**4.6000e-004**	**0.0000**	**8.0906**

3.2 Grading - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2958	0.0000	1.2958	0.6666	0.0000	0.6666	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3291	3.9495	2.6856	3.1200e-003		0.1730	0.1730		0.1591	0.1591	0.0000	294.3952	294.3952	0.0888	0.0000	296.2600
Total	**0.3291**	**3.9495**	**2.6856**	**3.1200e-003**	**1.2958**	**0.1730**	**1.4688**	**0.6666**	**0.1591**	**0.8257**	**0.0000**	**294.3952**	**294.3952**	**0.0888**	**0.0000**	**296.2600**

3.2 Grading - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0400e-003	4.4700e-003	0.0465	1.0000e-004	8.3300e-003	7.0000e-005	8.4000e-003	2.2100e-003	7.0000e-005	2.2800e-003	0.0000	7.8017	7.8017	4.2000e-004	0.0000	7.8106
Total	**3.0400e-003**	**4.4700e-003**	**0.0465**	**1.0000e-004**	**8.3300e-003**	**7.0000e-005**	**8.4000e-003**	**2.2100e-003**	**7.0000e-005**	**2.2800e-003**	**0.0000**	**7.8017**	**7.8017**	**4.2000e-004**	**0.0000**	**7.8106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5054	0.0000	0.5054	0.2600	0.0000	0.2600	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3291	3.9495	2.6856	3.1200e-003		0.1730	0.1730		0.1591	0.1591	0.0000	294.3949	294.3949	0.0888	0.0000	296.2597
Total	**0.3291**	**3.9495**	**2.6856**	**3.1200e-003**	**0.5054**	**0.1730**	**0.6783**	**0.2600**	**0.1591**	**0.4191**	**0.0000**	**294.3949**	**294.3949**	**0.0888**	**0.0000**	**296.2597**

3.2 Grading - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.0400e-003	4.4700e-003	0.0465	1.0000e-004	8.3300e-003	7.0000e-005	8.4000e-003	2.2100e-003	7.0000e-005	2.2800e-003	0.0000	7.8017	7.8017	4.2000e-004	0.0000	7.8106
Total	**3.0400e-003**	**4.4700e-003**	**0.0465**	**1.0000e-004**	**8.3300e-003**	**7.0000e-005**	**8.4000e-003**	**2.2100e-003**	**7.0000e-005**	**2.2800e-003**	**0.0000**	**7.8017**	**7.8017**	**4.2000e-004**	**0.0000**	**7.8106**

3.3 Trenching - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Trenching - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	1.0400e-003	0.0108	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8091	1.8091	1.0000e-004	0.0000	1.8111
Total	**7.1000e-004**	**1.0400e-003**	**0.0108**	**2.0000e-005**	**1.9300e-003**	**2.0000e-005**	**1.9500e-003**	**5.1000e-004**	**2.0000e-005**	**5.3000e-004**	**0.0000**	**1.8091**	**1.8091**	**1.0000e-004**	**0.0000**	**1.8111**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.3 Trenching - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	1.0400e-003	0.0108	2.0000e-005	1.9300e-003	2.0000e-005	1.9500e-003	5.1000e-004	2.0000e-005	5.3000e-004	0.0000	1.8091	1.8091	1.0000e-004	0.0000	1.8111
Total	**7.1000e-004**	**1.0400e-003**	**0.0108**	**2.0000e-005**	**1.9300e-003**	**2.0000e-005**	**1.9500e-003**	**5.1000e-004**	**2.0000e-005**	**5.3000e-004**	**0.0000**	**1.8091**	**1.8091**	**1.0000e-004**	**0.0000**	**1.8111**

3.4 Building - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2175	1.7897	1.1425	1.7000e-003		0.1197	0.1197		0.1130	0.1130	0.0000	152.5564	152.5564	0.0362	0.0000	153.3169
Total	**0.2175**	**1.7897**	**1.1425**	**1.7000e-003**		**0.1197**	**0.1197**		**0.1130**	**0.1130**	**0.0000**	**152.5564**	**152.5564**	**0.0362**	**0.0000**	**153.3169**

3.4 Building - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0578	0.5895	0.7567	1.4100e-003	0.0400	9.2000e-003	0.0492	0.0114	8.4600e-003	0.0199	0.0000	128.0739	128.0739	9.3000e-004	0.0000	128.0935
Worker	0.1399	0.2054	2.1364	4.7000e-003	0.3827	3.2600e-003	0.3860	0.1016	3.0000e-003	0.1046	0.0000	358.5411	358.5411	0.0193	0.0000	358.9463
Total	**0.1976**	**0.7949**	**2.8931**	**6.1100e-003**	**0.4226**	**0.0125**	**0.4351**	**0.1130**	**0.0115**	**0.1245**	**0.0000**	**486.6149**	**486.6149**	**0.0202**	**0.0000**	**487.0398**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2175	1.7897	1.1425	1.7000e-003		0.1197	0.1197		0.1130	0.1130	0.0000	152.5563	152.5563	0.0362	0.0000	153.3167
Total	**0.2175**	**1.7897**	**1.1425**	**1.7000e-003**		**0.1197**	**0.1197**		**0.1130**	**0.1130**	**0.0000**	**152.5563**	**152.5563**	**0.0362**	**0.0000**	**153.3167**

3.4 Building - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0578	0.5895	0.7567	1.4100e-003	0.0400	9.2000e-003	0.0492	0.0114	8.4600e-003	0.0199	0.0000	128.0739	128.0739	9.3000e-004	0.0000	128.0935
Worker	0.1399	0.2054	2.1364	4.7000e-003	0.3827	3.2600e-003	0.3860	0.1016	3.0000e-003	0.1046	0.0000	358.5411	358.5411	0.0193	0.0000	358.9463
Total	**0.1976**	**0.7949**	**2.8931**	**6.1100e-003**	**0.4226**	**0.0125**	**0.4351**	**0.1130**	**0.0115**	**0.1245**	**0.0000**	**486.6149**	**486.6149**	**0.0202**	**0.0000**	**487.0398**

3.4 Building - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3399	2.8491	1.9221	2.9300e-003		0.1859	0.1859		0.1755	0.1755	0.0000	260.0526	260.0526	0.0609	0.0000	261.3318
Total	**0.3399**	**2.8491**	**1.9221**	**2.9300e-003**		**0.1859**	**0.1859**		**0.1755**	**0.1755**	**0.0000**	**260.0526**	**260.0526**	**0.0609**	**0.0000**	**261.3318**

3.4 Building - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0910	0.9237	1.2348	2.4200e-003	0.0688	0.0141	0.0829	0.0196	0.0130	0.0326	0.0000	216.9543	216.9543	1.5600e-003	0.0000	216.9869
Worker	0.2157	0.3193	3.3192	8.0900e-003	0.6589	5.4000e-003	0.6643	0.1750	4.9800e-003	0.1800	0.0000	593.6551	593.6551	0.0307	0.0000	594.2991
Total	**0.3067**	**1.2430**	**4.5540**	**0.0105**	**0.7278**	**0.0195**	**0.7473**	**0.1946**	**0.0180**	**0.2126**	**0.0000**	**810.6094**	**810.6094**	**0.0322**	**0.0000**	**811.2860**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3399	2.8491	1.9221	2.9300e-003		0.1859	0.1859		0.1755	0.1755	0.0000	260.0523	260.0523	0.0609	0.0000	261.3315
Total	**0.3399**	**2.8491**	**1.9221**	**2.9300e-003**		**0.1859**	**0.1859**		**0.1755**	**0.1755**	**0.0000**	**260.0523**	**260.0523**	**0.0609**	**0.0000**	**261.3315**

3.4 Building - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0910	0.9237	1.2348	2.4200e-003	0.0688	0.0141	0.0829	0.0196	0.0130	0.0326	0.0000	216.9543	216.9543	1.5600e-003	0.0000	216.9869
Worker	0.2157	0.3193	3.3192	8.0900e-003	0.6589	5.4000e-003	0.6643	0.1750	4.9800e-003	0.1800	0.0000	593.6551	593.6551	0.0307	0.0000	594.2991
Total	**0.3067**	**1.2430**	**4.5540**	**0.0105**	**0.7278**	**0.0195**	**0.7473**	**0.1946**	**0.0180**	**0.2126**	**0.0000**	**810.6094**	**810.6094**	**0.0322**	**0.0000**	**811.2860**

3.4 Building - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2946	2.5298	1.8631	2.9400e-003		0.1573	0.1573		0.1487	0.1487	0.0000	258.3777	258.3777	0.0599	0.0000	259.6348
Total	**0.2946**	**2.5298**	**1.8631**	**2.9400e-003**		**0.1573**	**0.1573**		**0.1487**	**0.1487**	**0.0000**	**258.3777**	**258.3777**	**0.0599**	**0.0000**	**259.6348**

3.4 Building - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0854	0.8510	1.1875	2.4300e-003	0.0691	0.0134	0.0824	0.0197	0.0123	0.0320	0.0000	214.1350	214.1350	1.5500e-003	0.0000	214.1676
Worker	0.1945	0.2908	3.0176	8.1200e-003	0.6615	5.2800e-003	0.6668	0.1757	4.8800e-003	0.1806	0.0000	573.6948	573.6948	0.0286	0.0000	574.2948
Total	**0.2800**	**1.1418**	**4.2052**	**0.0106**	**0.7306**	**0.0186**	**0.7492**	**0.1954**	**0.0172**	**0.2126**	**0.0000**	**787.8298**	**787.8298**	**0.0301**	**0.0000**	**788.4624**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2946	2.5298	1.8631	2.9400e-003		0.1573	0.1573		0.1487	0.1487	0.0000	258.3774	258.3774	0.0599	0.0000	259.6344
Total	**0.2946**	**2.5298**	**1.8631**	**2.9400e-003**		**0.1573**	**0.1573**		**0.1487**	**0.1487**	**0.0000**	**258.3774**	**258.3774**	**0.0599**	**0.0000**	**259.6344**

3.4 Building - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0854	0.8510	1.1875	2.4300e-003	0.0691	0.0134	0.0824	0.0197	0.0123	0.0320	0.0000	214.1350	214.1350	1.5500e-003	0.0000	214.1676
Worker	0.1945	0.2908	3.0176	8.1200e-003	0.6615	5.2800e-003	0.6668	0.1757	4.8800e-003	0.1806	0.0000	573.6948	573.6948	0.0286	0.0000	574.2948
Total	**0.2800**	**1.1418**	**4.2052**	**0.0106**	**0.7306**	**0.0186**	**0.7492**	**0.1954**	**0.0172**	**0.2126**	**0.0000**	**787.8298**	**787.8298**	**0.0301**	**0.0000**	**788.4624**

3.4 Building - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2594	2.2826	1.8154	2.9400e-003		0.1354	0.1354		0.1280	0.1280	0.0000	255.7578	255.7578	0.0586	0.0000	256.9881
Total	**0.2594**	**2.2826**	**1.8154**	**2.9400e-003**		**0.1354**	**0.1354**		**0.1280**	**0.1280**	**0.0000**	**255.7578**	**255.7578**	**0.0586**	**0.0000**	**256.9881**

3.4 Building - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0808	0.7847	1.1472	2.4200e-003	0.0691	0.0127	0.0818	0.0197	0.0117	0.0314	0.0000	209.9589	209.9589	1.5200e-003	0.0000	209.9909
Worker	0.1786	0.2667	2.7671	8.1000e-003	0.6615	5.1800e-003	0.6667	0.1757	4.8000e-003	0.1805	0.0000	551.8603	551.8603	0.0267	0.0000	552.4220
Total	**0.2594**	**1.0513**	**3.9142**	**0.0105**	**0.7306**	**0.0179**	**0.7484**	**0.1954**	**0.0165**	**0.2119**	**0.0000**	**761.8193**	**761.8193**	**0.0283**	**0.0000**	**762.4129**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2594	2.2826	1.8154	2.9400e-003		0.1354	0.1354		0.1280	0.1280	0.0000	255.7575	255.7575	0.0586	0.0000	256.9878
Total	**0.2594**	**2.2826**	**1.8154**	**2.9400e-003**		**0.1354**	**0.1354**		**0.1280**	**0.1280**	**0.0000**	**255.7575**	**255.7575**	**0.0586**	**0.0000**	**256.9878**

3.4 Building - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0808	0.7847	1.1472	2.4200e-003	0.0691	0.0127	0.0818	0.0197	0.0117	0.0314	0.0000	209.9589	209.9589	1.5200e-003	0.0000	209.9909
Worker	0.1786	0.2667	2.7671	8.1000e-003	0.6615	5.1800e-003	0.6667	0.1757	4.8000e-003	0.1805	0.0000	551.8603	551.8603	0.0267	0.0000	552.4220
Total	**0.2594**	**1.0513**	**3.9142**	**0.0105**	**0.7306**	**0.0179**	**0.7484**	**0.1954**	**0.0165**	**0.2119**	**0.0000**	**761.8193**	**761.8193**	**0.0283**	**0.0000**	**762.4129**

3.4 Building - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1766	1.5785	1.3497	2.2300e-003		0.0891	0.0891		0.0842	0.0842	0.0000	191.4127	191.4127	0.0437	0.0000	192.3302
Total	**0.1766**	**1.5785**	**1.3497**	**2.2300e-003**		**0.0891**	**0.0891**		**0.0842**	**0.0842**	**0.0000**	**191.4127**	**191.4127**	**0.0437**	**0.0000**	**192.3302**

3.4 Building - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0581	0.5193	0.8439	1.8300e-003	0.0524	8.8000e-003	0.0612	0.0150	8.0900e-003	0.0231	0.0000	155.6917	155.6917	1.1300e-003	0.0000	155.7155
Worker	0.1269	0.1875	1.9536	6.1400e-003	0.5018	3.9100e-003	0.5057	0.1333	3.6200e-003	0.1369	0.0000	401.6466	401.6466	0.0192	0.0000	402.0502
Total	**0.1851**	**0.7068**	**2.7976**	**7.9700e-003**	**0.5542**	**0.0127**	**0.5669**	**0.1482**	**0.0117**	**0.1600**	**0.0000**	**557.3384**	**557.3384**	**0.0204**	**0.0000**	**557.7657**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1766	1.5785	1.3497	2.2300e-003		0.0891	0.0891		0.0842	0.0842	0.0000	191.4125	191.4125	0.0437	0.0000	192.3299
Total	**0.1766**	**1.5785**	**1.3497**	**2.2300e-003**		**0.0891**	**0.0891**		**0.0842**	**0.0842**	**0.0000**	**191.4125**	**191.4125**	**0.0437**	**0.0000**	**192.3299**

3.4 Building - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0581	0.5193	0.8439	1.8300e-003	0.0524	8.8000e-003	0.0612	0.0150	8.0900e-003	0.0231	0.0000	155.6917	155.6917	1.1300e-003	0.0000	155.7155
Worker	0.1269	0.1875	1.9536	6.1400e-003	0.5018	3.9100e-003	0.5057	0.1333	3.6200e-003	0.1369	0.0000	401.6466	401.6466	0.0192	0.0000	402.0502
Total	**0.1851**	**0.7068**	**2.7976**	**7.9700e-003**	**0.5542**	**0.0127**	**0.5669**	**0.1482**	**0.0117**	**0.1600**	**0.0000**	**557.3384**	**557.3384**	**0.0204**	**0.0000**	**557.7657**

3.5 Paving - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1324	1.4551	0.9667	1.4900e-003		0.0779	0.0779		0.0717	0.0717	0.0000	139.9916	139.9916	0.0422	0.0000	140.8784
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1324**	**1.4551**	**0.9667**	**1.4900e-003**		**0.0779**	**0.0779**		**0.0717**	**0.0717**	**0.0000**	**139.9916**	**139.9916**	**0.0422**	**0.0000**	**140.8784**

3.5 Paving - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9400e-003	5.7800e-003	0.0601	1.3000e-004	0.0108	9.0000e-005	0.0109	2.8600e-003	8.0000e-005	2.9400e-003	0.0000	10.0888	10.0888	5.4000e-004	0.0000	10.1002
Total	**3.9400e-003**	**5.7800e-003**	**0.0601**	**1.3000e-004**	**0.0108**	**9.0000e-005**	**0.0109**	**2.8600e-003**	**8.0000e-005**	**2.9400e-003**	**0.0000**	**10.0888**	**10.0888**	**5.4000e-004**	**0.0000**	**10.1002**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1324	1.4551	0.9667	1.4900e-003		0.0779	0.0779		0.0717	0.0717	0.0000	139.9915	139.9915	0.0422	0.0000	140.8782
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1324**	**1.4551**	**0.9667**	**1.4900e-003**		**0.0779**	**0.0779**		**0.0717**	**0.0717**	**0.0000**	**139.9915**	**139.9915**	**0.0422**	**0.0000**	**140.8782**

3.5 Paving - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9400e-003	5.7800e-003	0.0601	1.3000e-004	0.0108	9.0000e-005	0.0109	2.8600e-003	8.0000e-005	2.9400e-003	0.0000	10.0888	10.0888	5.4000e-004	0.0000	10.1002
Total	**3.9400e-003**	**5.7800e-003**	**0.0601**	**1.3000e-004**	**0.0108**	**9.0000e-005**	**0.0109**	**2.8600e-003**	**8.0000e-005**	**2.9400e-003**	**0.0000**	**10.0888**	**10.0888**	**5.4000e-004**	**0.0000**	**10.1002**

3.5 Paving - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2075	2.2614	1.6557	2.5600e-003		0.1207	0.1207		0.1110	0.1110	0.0000	237.3888	237.3888	0.0727	0.0000	238.9162
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2075**	**2.2614**	**1.6557**	**2.5600e-003**		**0.1207**	**0.1207**		**0.1110**	**0.1110**	**0.0000**	**237.3888**	**237.3888**	**0.0727**	**0.0000**	**238.9162**

3.5 Paving - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0700e-003	8.9800e-003	0.0934	2.3000e-004	0.0185	1.5000e-004	0.0187	4.9200e-003	1.4000e-004	5.0600e-003	0.0000	16.7046	16.7046	8.6000e-004	0.0000	16.7227
Total	**6.0700e-003**	**8.9800e-003**	**0.0934**	**2.3000e-004**	**0.0185**	**1.5000e-004**	**0.0187**	**4.9200e-003**	**1.4000e-004**	**5.0600e-003**	**0.0000**	**16.7046**	**16.7046**	**8.6000e-004**	**0.0000**	**16.7227**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2075	2.2614	1.6557	2.5600e-003		0.1207	0.1207		0.1110	0.1110	0.0000	237.3885	237.3885	0.0727	0.0000	238.9159
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2075**	**2.2614**	**1.6557**	**2.5600e-003**		**0.1207**	**0.1207**		**0.1110**	**0.1110**	**0.0000**	**237.3885**	**237.3885**	**0.0727**	**0.0000**	**238.9159**

3.5 Paving - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0700e-003	8.9800e-003	0.0934	2.3000e-004	0.0185	1.5000e-004	0.0187	4.9200e-003	1.4000e-004	5.0600e-003	0.0000	16.7046	16.7046	8.6000e-004	0.0000	16.7227
Total	**6.0700e-003**	**8.9800e-003**	**0.0934**	**2.3000e-004**	**0.0185**	**1.5000e-004**	**0.0187**	**4.9200e-003**	**1.4000e-004**	**5.0600e-003**	**0.0000**	**16.7046**	**16.7046**	**8.6000e-004**	**0.0000**	**16.7227**

3.5 Paving - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1766	1.9144	1.6390	2.5700e-003		0.1001	0.1001		0.0921	0.0921	0.0000	234.5688	234.5688	0.0730	0.0000	236.1024
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1766**	**1.9144**	**1.6390**	**2.5700e-003**		**0.1001**	**0.1001**		**0.0921**	**0.0921**	**0.0000**	**234.5688**	**234.5688**	**0.0730**	**0.0000**	**236.1024**

3.5 Paving - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4700e-003	8.1800e-003	0.0849	2.3000e-004	0.0186	1.5000e-004	0.0188	4.9400e-003	1.4000e-004	5.0800e-003	0.0000	16.1429	16.1429	8.0000e-004	0.0000	16.1598
Total	**5.4700e-003**	**8.1800e-003**	**0.0849**	**2.3000e-004**	**0.0186**	**1.5000e-004**	**0.0188**	**4.9400e-003**	**1.4000e-004**	**5.0800e-003**	**0.0000**	**16.1429**	**16.1429**	**8.0000e-004**	**0.0000**	**16.1598**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1766	1.9144	1.6389	2.5700e-003		0.1001	0.1001		0.0921	0.0921	0.0000	234.5686	234.5686	0.0730	0.0000	236.1021
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1766**	**1.9144**	**1.6389**	**2.5700e-003**		**0.1001**	**0.1001**		**0.0921**	**0.0921**	**0.0000**	**234.5686**	**234.5686**	**0.0730**	**0.0000**	**236.1021**

3.5 Paving - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.4700e-003	8.1800e-003	0.0849	2.3000e-004	0.0186	1.5000e-004	0.0188	4.9400e-003	1.4000e-004	5.0800e-003	0.0000	16.1429	16.1429	8.0000e-004	0.0000	16.1598
Total	**5.4700e-003**	**8.1800e-003**	**0.0849**	**2.3000e-004**	**0.0186**	**1.5000e-004**	**0.0188**	**4.9400e-003**	**1.4000e-004**	**5.0800e-003**	**0.0000**	**16.1429**	**16.1429**	**8.0000e-004**	**0.0000**	**16.1598**

3.5 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1565	1.6566	1.6258	2.5700e-003		0.0864	0.0864		0.0795	0.0795	0.0000	230.7717	230.7717	0.0730	0.0000	232.3050
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1565**	**1.6566**	**1.6258**	**2.5700e-003**		**0.0864**	**0.0864**		**0.0795**	**0.0795**	**0.0000**	**230.7717**	**230.7717**	**0.0730**	**0.0000**	**232.3050**

3.5 Paving - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0300e-003	7.5000e-003	0.0779	2.3000e-004	0.0186	1.5000e-004	0.0188	4.9400e-003	1.4000e-004	5.0800e-003	0.0000	15.5285	15.5285	7.5000e-004	0.0000	15.5443
Total	**5.0300e-003**	**7.5000e-003**	**0.0779**	**2.3000e-004**	**0.0186**	**1.5000e-004**	**0.0188**	**4.9400e-003**	**1.4000e-004**	**5.0800e-003**	**0.0000**	**15.5285**	**15.5285**	**7.5000e-004**	**0.0000**	**15.5443**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1565	1.6566	1.6258	2.5700e-003		0.0864	0.0864		0.0795	0.0795	0.0000	230.7714	230.7714	0.0730	0.0000	232.3047
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1565**	**1.6566**	**1.6258**	**2.5700e-003**		**0.0864**	**0.0864**		**0.0795**	**0.0795**	**0.0000**	**230.7714**	**230.7714**	**0.0730**	**0.0000**	**232.3047**

3.5 Paving - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0300e-003	7.5000e-003	0.0779	2.3000e-004	0.0186	1.5000e-004	0.0188	4.9400e-003	1.4000e-004	5.0800e-003	0.0000	15.5285	15.5285	7.5000e-004	0.0000	15.5443
Total	**5.0300e-003**	**7.5000e-003**	**0.0779**	**2.3000e-004**	**0.0186**	**1.5000e-004**	**0.0188**	**4.9400e-003**	**1.4000e-004**	**5.0800e-003**	**0.0000**	**15.5285**	**15.5285**	**7.5000e-004**	**0.0000**	**15.5443**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1111	1.1586	1.2334	1.9500e-003		0.0600	0.0600		0.0552	0.0552	0.0000	171.2424	171.2424	0.0554	0.0000	172.4054
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1111**	**1.1586**	**1.2334**	**1.9500e-003**		**0.0600**	**0.0600**		**0.0552**	**0.0552**	**0.0000**	**171.2424**	**171.2424**	**0.0554**	**0.0000**	**172.4054**

3.5 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5700e-003	5.2800e-003	0.0550	1.7000e-004	0.0141	1.1000e-004	0.0142	3.7500e-003	1.0000e-004	3.8500e-003	0.0000	11.3017	11.3017	5.4000e-004	0.0000	11.3131
Total	**3.5700e-003**	**5.2800e-003**	**0.0550**	**1.7000e-004**	**0.0141**	**1.1000e-004**	**0.0142**	**3.7500e-003**	**1.0000e-004**	**3.8500e-003**	**0.0000**	**11.3017**	**11.3017**	**5.4000e-004**	**0.0000**	**11.3131**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1111	1.1586	1.2334	1.9500e-003		0.0600	0.0600		0.0552	0.0552	0.0000	171.2421	171.2421	0.0554	0.0000	172.4052
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1111**	**1.1586**	**1.2334**	**1.9500e-003**		**0.0600**	**0.0600**		**0.0552**	**0.0552**	**0.0000**	**171.2421**	**171.2421**	**0.0554**	**0.0000**	**172.4052**

3.5 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.5700e-003	5.2800e-003	0.0550	1.7000e-004	0.0141	1.1000e-004	0.0142	3.7500e-003	1.0000e-004	3.8500e-003	0.0000	11.3017	11.3017	5.4000e-004	0.0000	11.3131
Total	**3.5700e-003**	**5.2800e-003**	**0.0550**	**1.7000e-004**	**0.0141**	**1.1000e-004**	**0.0142**	**3.7500e-003**	**1.0000e-004**	**3.8500e-003**	**0.0000**	**11.3017**	**11.3017**	**5.4000e-004**	**0.0000**	**11.3131**

3.6 Architectural Coating - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0278	0.1791	0.1422	2.2000e-004		0.0148	0.0148		0.0148	0.0148	0.0000	19.2771	19.2771	2.2700e-003	0.0000	19.3248
Total	**0.5811**	**0.1791**	**0.1422**	**2.2000e-004**		**0.0148**	**0.0148**		**0.0148**	**0.0148**	**0.0000**	**19.2771**	**19.2771**	**2.2700e-003**	**0.0000**	**19.3248**

3.6 Architectural Coating - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0279	0.0409	0.4254	9.4000e-004	0.0762	6.5000e-004	0.0769	0.0202	6.0000e-004	0.0208	0.0000	71.3978	71.3978	3.8400e-003	0.0000	71.4785
Total	**0.0279**	**0.0409**	**0.4254**	**9.4000e-004**	**0.0762**	**6.5000e-004**	**0.0769**	**0.0202**	**6.0000e-004**	**0.0208**	**0.0000**	**71.3978**	**71.3978**	**3.8400e-003**	**0.0000**	**71.4785**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.5533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0278	0.1791	0.1422	2.2000e-004		0.0148	0.0148		0.0148	0.0148	0.0000	19.2770	19.2770	2.2700e-003	0.0000	19.3248
Total	**0.5811**	**0.1791**	**0.1422**	**2.2000e-004**		**0.0148**	**0.0148**		**0.0148**	**0.0148**	**0.0000**	**19.2770**	**19.2770**	**2.2700e-003**	**0.0000**	**19.3248**

3.6 Architectural Coating - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0279	0.0409	0.4254	9.4000e-004	0.0762	6.5000e-004	0.0769	0.0202	6.0000e-004	0.0208	0.0000	71.3978	71.3978	3.8400e-003	0.0000	71.4785
Total	**0.0279**	**0.0409**	**0.4254**	**9.4000e-004**	**0.0762**	**6.5000e-004**	**0.0769**	**0.0202**	**6.0000e-004**	**0.0208**	**0.0000**	**71.3978**	**71.3978**	**3.8400e-003**	**0.0000**	**71.4785**

3.6 Architectural Coating - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9526					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	**0.9958**	**0.2841**	**0.2429**	**3.9000e-004**		**0.0225**	**0.0225**		**0.0225**	**0.0225**	**0.0000**	**33.1923**	**33.1923**	**3.5000e-003**	**0.0000**	**33.2659**

3.6 Architectural Coating - 2017

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0430	0.0636	0.6610	1.6100e-003	0.1312	1.0800e-003	0.1323	0.0349	9.9000e-004	0.0358	0.0000	118.2170	118.2170	6.1100e-003	0.0000	118.3453
Total	**0.0430**	**0.0636**	**0.6610**	**1.6100e-003**	**0.1312**	**1.0800e-003**	**0.1323**	**0.0349**	**9.9000e-004**	**0.0358**	**0.0000**	**118.2170**	**118.2170**	**6.1100e-003**	**0.0000**	**118.3453**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9526					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0432	0.2841	0.2429	3.9000e-004		0.0225	0.0225		0.0225	0.0225	0.0000	33.1923	33.1923	3.5000e-003	0.0000	33.2659
Total	**0.9958**	**0.2841**	**0.2429**	**3.9000e-004**		**0.0225**	**0.0225**		**0.0225**	**0.0225**	**0.0000**	**33.1923**	**33.1923**	**3.5000e-003**	**0.0000**	**33.2659**

3.6 Architectural Coating - 2017

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0430	0.0636	0.6610	1.6100e-003	0.1312	1.0800e-003	0.1323	0.0349	9.9000e-004	0.0358	0.0000	118.2170	118.2170	6.1100e-003	0.0000	118.3453
Total	**0.0430**	**0.0636**	**0.6610**	**1.6100e-003**	**0.1312**	**1.0800e-003**	**0.1323**	**0.0349**	**9.9000e-004**	**0.0358**	**0.0000**	**118.2170**	**118.2170**	**6.1100e-003**	**0.0000**	**118.3453**

3.6 Architectural Coating - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	**0.9953**	**0.2618**	**0.2420**	**3.9000e-004**		**0.0197**	**0.0197**		**0.0197**	**0.0197**	**0.0000**	**33.3200**	**33.3200**	**3.1700e-003**	**0.0000**	**33.3865**

3.6 Architectural Coating - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0387	0.0579	0.6009	1.6200e-003	0.1317	1.0500e-003	0.1328	0.0350	9.7000e-004	0.0360	0.0000	114.2423	114.2423	5.6900e-003	0.0000	114.3617
Total	**0.0387**	**0.0579**	**0.6009**	**1.6200e-003**	**0.1317**	**1.0500e-003**	**0.1328**	**0.0350**	**9.7000e-004**	**0.0360**	**0.0000**	**114.2423**	**114.2423**	**5.6900e-003**	**0.0000**	**114.3617**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0390	0.2618	0.2420	3.9000e-004		0.0197	0.0197		0.0197	0.0197	0.0000	33.3200	33.3200	3.1700e-003	0.0000	33.3865
Total	**0.9953**	**0.2618**	**0.2420**	**3.9000e-004**		**0.0197**	**0.0197**		**0.0197**	**0.0197**	**0.0000**	**33.3200**	**33.3200**	**3.1700e-003**	**0.0000**	**33.3865**

3.6 Architectural Coating - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0387	0.0579	0.6009	1.6200e-003	0.1317	1.0500e-003	0.1328	0.0350	9.7000e-004	0.0360	0.0000	114.2423	114.2423	5.6900e-003	0.0000	114.3617
Total	**0.0387**	**0.0579**	**0.6009**	**1.6200e-003**	**0.1317**	**1.0500e-003**	**0.1328**	**0.0350**	**9.7000e-004**	**0.0360**	**0.0000**	**114.2423**	**114.2423**	**5.6900e-003**	**0.0000**	**114.3617**

3.6 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3200	33.3200	2.8100e-003	0.0000	33.3791
Total	**0.9911**	**0.2395**	**0.2403**	**3.9000e-004**		**0.0168**	**0.0168**		**0.0168**	**0.0168**	**0.0000**	**33.3200**	**33.3200**	**2.8100e-003**	**0.0000**	**33.3791**

3.6 Architectural Coating - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0531	0.5510	1.6100e-003	0.1317	1.0300e-003	0.1328	0.0350	9.6000e-004	0.0359	0.0000	109.8943	109.8943	5.3300e-003	0.0000	110.0061
Total	**0.0356**	**0.0531**	**0.5510**	**1.6100e-003**	**0.1317**	**1.0300e-003**	**0.1328**	**0.0350**	**9.6000e-004**	**0.0359**	**0.0000**	**109.8943**	**109.8943**	**5.3300e-003**	**0.0000**	**110.0061**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.9563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0348	0.2395	0.2403	3.9000e-004		0.0168	0.0168		0.0168	0.0168	0.0000	33.3199	33.3199	2.8100e-003	0.0000	33.3790
Total	**0.9911**	**0.2395**	**0.2403**	**3.9000e-004**		**0.0168**	**0.0168**		**0.0168**	**0.0168**	**0.0000**	**33.3199**	**33.3199**	**2.8100e-003**	**0.0000**	**33.3790**

3.6 Architectural Coating - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0356	0.0531	0.5510	1.6100e-003	0.1317	1.0300e-003	0.1328	0.0350	9.6000e-004	0.0359	0.0000	109.8943	109.8943	5.3300e-003	0.0000	110.0061
Total	**0.0356**	**0.0531**	**0.5510**	**1.6100e-003**	**0.1317**	**1.0300e-003**	**0.1328**	**0.0350**	**9.6000e-004**	**0.0359**	**0.0000**	**109.8943**	**109.8943**	**5.3300e-003**	**0.0000**	**110.0061**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7255					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0240	0.1667	0.1813	2.9000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	25.2772	25.2772	1.9600e-003	0.0000	25.3183
Total	**0.7494**	**0.1667**	**0.1813**	**2.9000e-004**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**25.2772**	**25.2772**	**1.9600e-003**	**0.0000**	**25.3183**

3.6 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0253	0.0373	0.3890	1.2200e-003	0.0999	7.8000e-004	0.1007	0.0265	7.2000e-004	0.0273	0.0000	79.9816	79.9816	3.8300e-003	0.0000	80.0619
Total	**0.0253**	**0.0373**	**0.3890**	**1.2200e-003**	**0.0999**	**7.8000e-004**	**0.1007**	**0.0265**	**7.2000e-004**	**0.0273**	**0.0000**	**79.9816**	**79.9816**	**3.8300e-003**	**0.0000**	**80.0619**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7255					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0240	0.1667	0.1813	2.9000e-004		0.0110	0.0110		0.0110	0.0110	0.0000	25.2772	25.2772	1.9600e-003	0.0000	25.3183
Total	**0.7494**	**0.1667**	**0.1813**	**2.9000e-004**		**0.0110**	**0.0110**		**0.0110**	**0.0110**	**0.0000**	**25.2772**	**25.2772**	**1.9600e-003**	**0.0000**	**25.3183**

3.6 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0253	0.0373	0.3890	1.2200e-003	0.0999	7.8000e-004	0.1007	0.0265	7.2000e-004	0.0273	0.0000	79.9816	79.9816	3.8300e-003	0.0000	80.0619
Total	**0.0253**	**0.0373**	**0.3890**	**1.2200e-003**	**0.0999**	**7.8000e-004**	**0.1007**	**0.0265**	**7.2000e-004**	**0.0273**	**0.0000**	**79.9816**	**79.9816**	**3.8300e-003**	**0.0000**	**80.0619**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.1267	9.0079	36.4544	0.1186	8.0764	0.1557	8.2321	2.1614	0.1436	2.3050	0.0000	8,229.6739	8,229.6739	0.2840	0.0000	8,235.6384
Unmitigated	3.1267	9.0079	36.4544	0.1186	8.0764	0.1557	8.2321	2.1614	0.1436	2.3050	0.0000	8,229.6739	8,229.6739	0.2840	0.0000	8,235.6384

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	3,163.20	3,436.80	2913.60	10,820,851	10,820,851
Single Family Housing	3,081.54	3,245.76	2823.94	10,484,506	10,484,506
Total	6,244.74	6,682.56	5,737.54	21,305,356	21,305,356

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Condo/Townhouse	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,290.6733	1,290.6733	0.0593	0.0123	1,295.7244
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,290.6733	1,290.6733	0.0593	0.0123	1,295.7244
NaturalGas Mitigated	0.0911	0.7784	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629	0.0000	901.4768	901.4768	0.0173	0.0165	906.9630
NaturalGas Unmitigated	0.0911	0.7784	0.3312	4.9700e-003		0.0629	0.0629		0.0629	0.0629	0.0000	901.4768	901.4768	0.0173	0.0165	906.9630

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	6.40015e+006	0.0345	0.2949	0.1255	1.8800e-003		0.0238	0.0238		0.0238	0.0238	0.0000	341.5365	341.5365	6.5500e-003	6.2600e-003	343.6150
Single Family Housing	1.04929e+007	0.0566	0.4835	0.2057	3.0900e-003		0.0391	0.0391		0.0391	0.0391	0.0000	559.9403	559.9403	0.0107	0.0103	563.3480
Total		**0.0911**	**0.7784**	**0.3312**	**4.9700e-003**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**901.4768**	**901.4768**	**0.0173**	**0.0165**	**906.9630**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse	6.40015e+006	0.0345	0.2949	0.1255	1.8800e-003		0.0238	0.0238		0.0238	0.0238	0.0000	341.5365	341.5365	6.5500e-003	6.2600e-003	343.6150
Single Family Housing	1.04929e+007	0.0566	0.4835	0.2057	3.0900e-003		0.0391	0.0391		0.0391	0.0391	0.0000	559.9403	559.9403	0.0107	0.0103	563.3480
Total		**0.0911**	**0.7784**	**0.3312**	**4.9700e-003**		**0.0629**	**0.0629**		**0.0629**	**0.0629**	**0.0000**	**901.4768**	**901.4768**	**0.0173**	**0.0165**	**906.9630**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	2.11056e+006	603.9738	0.0278	5.7400e-003	606.3374
Single Family Housing	2.39965e+006	686.6995	0.0316	6.5300e-003	689.3869
Total		**1,290.6733**	**0.0593**	**0.0123**	**1,295.7244**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Single Family Housing	2.39965e+006	686.6995	0.0316	6.5300e-003	689.3869
Condo/Townhouse	2.11056e+006	603.9738	0.0278	5.7400e-003	606.3374
Total		**1,290.6733**	**0.0593**	**0.0123**	**1,295.7244**

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.4944	0.0957	8.2887	4.4000e-004		0.0457	0.0457		0.0457	0.0457	0.0000	13.5101	13.5101	0.0131	0.0000	13.7851
Unmitigated	4.4944	0.0957	8.2887	4.4000e-004		0.0457	0.0457		0.0457	0.0457	0.0000	13.5101	13.5101	0.0131	0.0000	13.7851

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4144					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.8289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2511	0.0957	8.2887	4.4000e-004		0.0457	0.0457		0.0457	0.0457	0.0000	13.5101	13.5101	0.0131	0.0000	13.7851
Total	**4.4944**	**0.0957**	**8.2887**	**4.4000e-004**		**0.0457**	**0.0457**		**0.0457**	**0.0457**	**0.0000**	**13.5101**	**13.5101**	**0.0131**	**0.0000**	**13.7851**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4144					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.8289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.2511	0.0957	8.2887	4.4000e-004		0.0457	0.0457		0.0457	0.0457	0.0000	13.5101	13.5101	0.0131	0.0000	13.7851
Total	**4.4944**	**0.0957**	**8.2887**	**4.4000e-004**		**0.0457**	**0.0457**		**0.0457**	**0.0457**	**0.0000**	**13.5101**	**13.5101**	**0.0131**	**0.0000**	**13.7851**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	316.0180	1.7161	0.0430	365.3830
Unmitigated	316.0180	1.7165	0.0431	365.4094

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	31.2739 / 19.7162	189.1380	1.0273	0.0258	218.6989
Single Family Housing	20.9796 / 13.2263	126.8801	0.6892	0.0173	146.7105
Total		**316.0180**	**1.7165**	**0.0431**	**365.4094**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse	31.2739 / 19.7162	189.1380	1.0271	0.0257	218.6831
Single Family Housing	20.9796 / 13.2263	126.8801	0.6890	0.0173	146.6999
Total		**316.0180**	**1.7161**	**0.0430**	**365.3830**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	121.4718	7.1788	0.0000	272.2262
Unmitigated	121.4718	7.1788	0.0000	272.2262

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	220.8	44.8204	2.6488	0.0000	100.4454
Single Family Housing	377.61	76.6514	4.5300	0.0000	171.7808
Total		**121.4718**	**7.1788**	**0.0000**	**272.2262**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse	220.8	44.8204	2.6488	0.0000	100.4454
Single Family Housing	377.61	76.6514	4.5300	0.0000	171.7808
Total		**121.4718**	**7.1788**	**0.0000**	**272.2262**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Vegetation

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**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 6/19/2014
** File: C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltCO\RGAltCO.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE
C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltCO\RGAltCO.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 8 PERIOD
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL RGAltCO.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     349887.570  3814179.790
385.830
** DESCRSRC Grading
   LOCATION VOL2         VOLUME     349370.560  3814249.570
383.120
** DESCRSRC Paving
   LOCATION VOL3         VOLUME     349694.090  3814627.020
410.120
** DESCRSRC Trenching
** Source Parameters **
   SRCPARAM VOL1              16.3     3.000    73.026     1.000
   SRCPARAM VOL2               0.0     3.000    67.126     1.000
   SRCPARAM VOL3               0.0     3.000    68.600     1.000
   SRCGROUP ALL
SO FINISHED
**
****************************************
```

```
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED RGAltCO.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE met\burk6.sfc
   PROFFILE met\burk6.PFL
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 175.0 METERS
   STARTEND 2005 1 1 1 2005 12 31 24
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST 8TH
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST RGALTCO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST RGALTCO.AD\08H1GALL.PLT 32
   PLOTFILE 1 ALL 8TH RGALTCO.AD\01H8GALL.PLT 33
   PLOTFILE PERIOD ALL RGALTCO.AD\PE00GALL.PLT 34
   SUMMFILE RGAltCO.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***
```

```
    ********   WARNING MESSAGES   ********
 SO W320      43  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      44  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltCO\RGAltCO.isc
***        06/19/14
                                   ***
***        14:19:42

PAGE   1
 **MODELOPTs:  RegDFAULT CONC
ELEV


                                            ***     MODEL SETUP
OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration
Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.

 **Model Assumes No FLAGPOLE Receptor Heights.

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR
     and Calculates PERIOD Averages

 **This Run Includes:      3 Source(s);       1 Source Group(s);
and    1619 Receptor(s)

 **The Model Assumes A Pollutant Type of:  CO

 **Model Set To Continue RUNning After the Setup Testing.

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by
Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for
Plotting (PLOTFILE Keyword)
```

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 175.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 4.0 MB of RAM.

**Detailed Error/Message File: RGAltCO.err
**File for Summary of Results: RGAltCO.sum

**MODELOPTs: RegDFAULT CONC
ELEV

*** VOLUME
SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
VOL1	0	0.16300E+02	349887.6	3814179.8	385.8	3.00	73.03	1.00	NO	
VOL2	0	0.00000E+00	349370.6	3814249.6	383.1	3.00	67.13	1.00	NO	
VOL3	0	0.00000E+00	349694.1	3814627.0	410.1	3.00	68.60	1.00	NO	

**MODELOPTs: RegDFAULT CONC
ELEV

*** SOURCE IDs
DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	VOL1 , VOL2 , VOL3 ,

**MODELOPTs: RegDFAULT CONC
ELEV

*** GRIDDED RECEPTOR
NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF
GRID ***
(METERS)

348170.3, 348245.3, 348320.3, 348395.3, 348470.3,
348545.3, 348620.3, 348695.3, 348770.3, 348845.3,
348920.3, 348995.3, 349070.3, 349145.3, 349220.3,
349295.3, 349370.3, 349445.3, 349520.3, 349595.3,
349670.3, 349745.3, 349820.3, 349895.3, 349970.3,
350045.3, 350120.3, 350195.3, 350270.3, 350345.3,
350420.3, 350495.3, 350570.3, 350645.3, 350720.3,
350795.3, 350870.3, 350945.3, 351020.3, 351095.3,

*** Y-COORDINATES OF
GRID ***
(METERS)

3813170.5, 3813245.5, 3813320.5, 3813395.5, 3813470.5,
3813545.5, 3813620.5, 3813695.5, 3813770.5, 3813845.5,
3813920.5, 3813995.5, 3814070.5, 3814145.5, 3814220.5,
3814295.5, 3814370.5, 3814445.5, 3814520.5, 3814595.5,
3814670.5, 3814745.5, 3814820.5, 3814895.5, 3814970.5,
3815045.5, 3815120.5, 3815195.5, 3815270.5, 3815345.5,
3815420.5, 3815495.5, 3815570.5, 3815645.5, 3815720.5,
3815795.5, 3815870.5, 3815945.5, 3816020.5, 3816095.5,

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	473.20	460.50	461.30	472.50	488.90	483.80	480.90	493.00	487.20
3816020.46	460.70	456.40	459.60	478.20	482.60	482.70	467.70	489.70	476.70
3815945.46	454.90	454.30	459.70	477.60	470.30	479.70	461.70	479.50	468.40
3815870.46	449.30	450.00	453.30	457.60	461.50	465.80	456.80	463.90	462.60
3815795.46	447.90	447.20	448.00	449.80	457.90	450.10	450.20	455.10	456.00
3815720.46	443.50	444.90	447.90	458.90	460.90	443.30	447.00	450.10	451.30
3815645.46	442.20	441.40	445.00	456.70	455.70	440.90	443.30	443.50	450.60
3815570.46	445.80	438.00	441.50	456.50	452.20	433.40	440.10	453.20	465.70
3815495.46	446.40	435.80	441.00	460.90	439.60	434.90	446.40	464.00	

477.90
3815420.46 | 435.50 433.00 442.70
460.10 432.60 434.20 451.80 466.20
455.00
3815345.46 | 432.00 429.60 442.10
452.30 427.20 434.10 443.40 441.70
451.60
3815270.46 | 427.20 427.30 440.90
440.80 422.60 429.70 441.30 457.80
474.20
3815195.46 | 423.40 424.00 432.50
438.90 420.10 421.20 430.50 450.20
468.80
3815120.46 | 420.10 422.00 428.30
438.40 427.20 414.40 422.50 434.00
451.60
3815045.46 | 416.90 418.60 421.80
429.50 427.60 410.70 414.40 420.70
436.20
3814970.46 | 415.70 419.80 426.90
432.40 434.80 412.80 408.60 418.90
431.60
3814895.46 | 431.90 435.20 444.00
438.40 431.30 418.80 403.60 406.20
415.50
3814820.46 | 429.20 425.60 436.80
427.20 423.30 421.60 402.20 402.70
414.50
3814745.46 | 415.60 411.60 420.40
414.20 414.30 417.00 403.20 400.80
402.20
3814670.46 | 402.20 402.60 407.60
410.40 403.70 402.40 397.10 395.30
398.10
3814595.46 | 399.20 396.10 393.90
395.80 399.80 393.00 392.60 393.00
398.60
3814520.46 | 397.70 395.20 392.10
391.10 390.40 388.10 388.20 388.30
403.30
3814445.46 | 396.40 394.20 392.00
391.00 389.20 387.10 385.90 385.60
391.40
3814370.46 | 404.00 397.00 394.70
392.30 388.60 387.90 386.20 384.00
383.20
3814295.46 | 422.40 410.90 401.90
394.90 394.00 391.70 387.00 384.50
382.90
3814220.46 | 430.30 413.50 404.10
406.70 403.00 400.10 390.40 386.10
382.60

3814145.46 | 419.10 413.30 419.50 427.40 420.90 402.90 393.80 386.50 384.20
3814070.46 | 418.60 432.90 452.10 446.80 424.20 403.10 395.20 396.40 386.50
3813995.46 | 437.90 454.80 469.40 447.60 431.20 411.40 408.70 404.50 393.10
3813920.46 | 421.60 429.20 436.50 467.70 439.20 419.80 423.60 415.40 402.00
3813845.46 | 406.90 412.90 432.60 456.50 447.60 446.90 436.80 428.00 413.20
3813770.46 | 402.70 404.70 413.90 434.30 429.90 433.20 429.60 425.20 409.90
3813695.46 | 396.10 402.30 416.70 423.90 417.90 415.80 409.20 406.40 392.80
3813620.46 | 393.70 396.60 409.10 420.60 411.40 403.50 398.80 394.50 395.90
3813545.46 | 394.30 408.10 423.50 425.00 409.80 403.70 407.10 397.80 401.70
3813470.46 | 404.30 421.70 412.10 412.50 415.10 420.70 419.90 403.60 408.30
3813395.46 | 398.10 404.00 397.20 400.40 403.90 419.00 422.90 411.50 420.80
3813320.46 | 386.70 390.40 393.30 395.10 403.90 407.80 424.70 429.30 427.30
3813245.46 | 391.80 393.50 399.40 406.80 423.60 427.90 435.80 447.70 442.10
3813170.46 | 400.50 405.00 415.00 425.60 429.50 423.60 442.20 446.30 429.20

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	487.70	509.30	487.20	504.50	495.50	509.20	498.40	475.30	487.10
3816020.46	487.40	501.20	479.60	494.80	483.50	496.40	476.20	467.40	483.20
3815945.46	474.90	478.50	470.60	490.40	471.80	494.00	475.10	459.60	473.90
3815870.46	465.10	467.50	468.80	469.10	464.00	471.50	470.20	455.20	449.70
3815795.46	458.40	464.00	458.80	458.10	458.00	461.60	463.80	462.60	449.70
3815720.46	456.70	457.50	449.80	452.30	454.10	455.60	458.30	456.70	447.00
3815645.46	456.00	461.00	450.70	447.60	450.10	452.20	459.00	462.70	457.70
3815570.46	465.80	464.80	452.30	442.90	447.60	458.10	477.00	483.20	475.50
3815495.46	479.80	467.10	459.70	440.30	449.90	464.30	473.40	475.70	

499.20
3815420.46 | 475.80 467.70 448.20
435.70 443.10 450.00 461.70 471.00
485.90
3815345.46 | 469.90 462.00 441.20
436.80 457.20 476.30 475.40 503.50
504.10
3815270.46 | 457.90 453.10 439.50
430.90 453.90 458.70 472.00 500.70
479.80
3815195.46 | 446.30 441.80 424.60
435.80 443.50 457.00 471.90 487.10
464.70
3815120.46 | 435.20 429.10 423.50
431.20 442.10 460.80 474.00 463.90
450.50
3815045.46 | 430.40 420.90 423.40
444.90 443.70 448.80 454.70 447.10
438.80
3814970.46 | 433.00 412.60 414.50
422.10 435.40 457.90 442.40 432.40
433.10
3814895.46 | 422.50 410.20 417.90
430.00 441.50 444.90 432.60 421.40
441.10
3814820.46 | 408.20 403.40 411.60
421.90 418.40 423.30 424.20 417.80
428.30
3814745.46 | 401.70 402.80 419.90
412.50 415.60 416.60 412.60 417.10
449.50
3814670.46 | 397.40 402.40 410.70
406.70 402.70 406.10 404.40 413.90
432.00
3814595.46 | 398.90 415.30 408.70
395.70 394.00 399.40 398.30 405.20
415.20
3814520.46 | 412.60 409.40 404.40
393.80 387.40 395.60 394.30 397.90
416.00
3814445.46 | 394.70 392.90 396.10
396.30 385.10 387.30 394.30 407.00
414.30
3814370.46 | 383.60 380.70 378.60
381.30 381.90 389.20 404.80 402.90
404.10
3814295.46 | 381.10 378.90 378.00
377.60 379.10 379.10 391.60 391.90
401.40
3814220.46 | 380.20 378.60 377.00
376.10 375.10 373.80 374.50 380.40
391.20

3814145.46 | 381.10 378.60 376.10
374.60 372.70 371.40 369.70 370.00
375.10
3814070.46 | 380.20 379.00 378.00
374.60 372.10 369.70 368.20 367.00
366.80
3813995.46 | 386.60 387.20 382.20
374.00 371.10 369.00 367.70 366.60
365.10
3813920.46 | 389.50 380.00 378.20
375.80 372.90 371.40 369.20 365.70
365.00
3813845.46 | 388.30 383.50 383.00
389.80 393.00 387.70 372.90 369.00
366.00
3813770.46 | 385.80 407.60 409.30
403.60 403.70 386.20 373.70 372.50
369.10
3813695.46 | 398.00 409.10 437.20
423.30 404.70 386.20 384.50 377.60
370.40
3813620.46 | 396.40 411.00 425.80
430.70 420.10 409.40 384.80 386.50
381.40
3813545.46 | 405.70 402.90 411.80
420.20 404.90 394.00 396.60 409.90
400.30
3813470.46 | 418.00 411.90 409.90
419.10 413.60 401.50 404.90 426.70
408.00
3813395.46 | 427.80 431.90 414.90
415.60 404.40 409.50 393.90 397.50
410.90
3813320.46 | 440.90 429.00 421.20
416.20 396.90 391.90 386.50 385.60
395.40
3813245.46 | 423.40 413.80 403.20
406.40 403.80 404.00 391.50 378.70
387.90
3813170.46 | 419.60 410.80 402.60
394.00 397.40 388.90 383.70 380.00
376.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	480.80	484.10	464.80	456.50	458.10	459.40	457.40	435.00	446.90
3816020.46	460.80	461.90	462.90	447.80	442.20	436.30	449.80	436.40	427.80
3815945.46	453.30	443.60	447.80	441.40	434.50	428.90	427.00	432.00	420.70
3815870.46	452.10	440.50	435.80	431.60	427.50	423.70	419.50	420.20	417.50
3815795.46	441.20	438.00	434.20	429.20	423.80	418.20	414.50	410.40	408.40
3815720.46	444.60	452.50	448.30	428.30	422.40	415.80	417.00	414.50	405.20
3815645.46	450.30	459.60	436.90	427.30	427.10	424.80	416.60	411.50	406.10
3815570.46	456.60	459.20	439.60	438.60	436.00	426.00	424.90	415.00	413.00
3815495.46	470.00	468.20	450.50	466.60	443.80	432.40	442.00	433.70	

424.00
3815420.46 | 485.80 486.80 482.20
458.10 449.10 449.60 458.50 440.80
438.50
3815345.46 | 518.10 506.80 505.40
477.20 472.70 477.40 486.10 458.50
464.40
3815270.46 | 498.00 488.80 497.60
493.90 510.40 497.60 496.10 492.80
497.50
3815195.46 | 468.40 483.80 486.10
471.20 483.30 491.50 472.30 479.60
510.80
3815120.46 | 456.50 471.50 494.50
461.60 467.40 484.90 463.10 478.30
499.50
3815045.46 | 449.10 467.80 470.10
468.20 449.80 467.10 455.00 476.30
490.00
3814970.46 | 464.40 468.80 447.60
465.40 446.30 449.20 454.00 467.40
499.10
3814895.46 | 450.50 449.70 436.50
458.90 441.30 437.30 466.60 504.50
513.10
3814820.46 | 451.10 442.20 428.20
441.00 432.60 441.40 475.50 488.70
481.30
3814745.46 | 461.30 449.00 426.80
431.60 423.20 437.30 452.70 457.70
455.40
3814670.46 | 430.40 420.40 424.30
419.60 415.60 423.00 430.00 437.40
442.80
3814595.46 | 419.60 407.70 406.00
410.10 410.10 418.70 425.50 431.40
441.80
3814520.46 | 420.90 401.90 402.40
400.80 411.80 440.00 442.30 451.30
450.00
3814445.46 | 415.90 396.50 393.00
397.70 407.60 418.40 432.50 426.30
452.40
3814370.46 | 400.50 386.90 390.90
404.40 426.50 415.70 412.00 426.90
421.60
3814295.46 | 391.10 383.90 397.40
417.30 408.00 391.70 412.90 414.40
426.10
3814220.46 | 386.90 381.00 404.40
418.40 405.40 386.80 411.50 400.20
419.60

3814145.46 | 376.60 378.10 390.60
400.90 386.20 392.30 414.80 396.00
397.10
3814070.46 | 369.60 373.60 372.40
386.70 376.60 381.90 402.40 401.40
390.30
3813995.46 | 365.10 364.70 365.20
365.80 367.70 389.80 394.70 379.10
395.60
3813920.46 | 364.00 363.10 362.10
360.40 362.10 369.60 378.60 370.90
380.20
3813845.46 | 363.60 360.80 359.60
358.10 357.00 362.20 363.50 371.50
375.60
3813770.46 | 363.60 360.10 357.70
356.20 355.10 357.00 359.00 363.00
379.20
3813695.46 | 364.10 361.10 357.60
355.10 354.00 354.60 355.30 382.30
375.00
3813620.46 | 374.60 370.30 357.70
355.10 352.70 351.10 352.70 354.70
353.50
3813545.46 | 393.50 374.30 362.40
359.70 353.70 349.70 349.50 348.60
348.60
3813470.46 | 389.40 378.60 368.10
368.20 358.90 350.10 347.60 346.10
346.10
3813395.46 | 400.00 386.40 386.00
377.00 363.40 352.50 349.20 347.40
344.60
3813320.46 | 389.80 391.60 403.30
393.10 377.50 364.10 360.30 349.80
343.00
3813245.46 | 377.40 381.30 381.90
400.40 396.20 382.20 366.00 359.00
352.60
3813170.46 | 377.30 368.10 370.20
384.20 392.00 396.90 381.90 369.20
356.30

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	435.70	453.50	453.60	426.90	443.30	434.90	459.60	441.80	402.90
3816020.46	426.70	424.60	426.40	425.80	419.00	418.80	428.70	420.40	413.40
3815945.46	420.70	416.40	409.40	404.10	409.00	405.20	409.50	397.50	404.20
3815870.46	413.70	409.80	400.50	395.40	400.90	398.10	404.00	388.00	396.50
3815795.46	407.40	404.50	401.00	393.70	390.50	391.60	389.00	384.70	381.70
3815720.46	401.50	399.80	396.60	390.40	386.20	385.20	390.40	380.00	377.70
3815645.46	402.30	395.70	393.10	388.20	383.90	378.70	376.80	371.70	369.30
3815570.46	414.50	400.30	395.90	395.90	386.30	378.40	380.40	372.20	366.50
3815495.46	435.70	417.20	407.90	420.20	402.90	392.00	385.20	376.80	

370.50
3815420.46 | 451.10 424.10 417.60
407.90 400.10 394.20 386.10 380.40
374.20
3815345.46 | 471.30 449.50 425.00
414.10 411.90 406.70 393.00 389.80
377.40
3815270.46 | 461.80 443.30 429.10
432.70 446.80 425.50 408.30 424.60
401.40
3815195.46 | 490.70 464.90 452.50
458.40 482.80 464.90 450.30 425.10
407.00
3815120.46 | 476.70 481.40 478.70
468.50 462.70 478.20 464.90 442.60
423.40
3815045.46 | 481.70 459.00 459.80
468.90 446.30 477.00 471.20 441.60
437.20
3814970.46 | 472.20 474.20 444.10
459.20 434.40 458.50 442.60 449.50
423.20
3814895.46 | 481.00 458.50 456.60
435.20 429.70 434.30 427.50 425.90
414.20
3814820.46 | 474.20 455.80 441.90
438.40 426.80 419.40 412.00 403.50
399.40
3814745.46 | 471.60 468.30 476.20
469.10 450.30 443.40 432.20 433.10
405.60
3814670.46 | 445.90 466.20 455.80
441.40 445.40 449.10 423.70 415.40
418.60
3814595.46 | 449.70 460.30 439.60
426.30 420.00 439.90 417.50 394.70
398.60
3814520.46 | 454.20 461.40 429.60
411.80 404.10 403.00 409.00 385.50
374.60
3814445.46 | 453.50 456.80 438.00
425.80 414.80 396.90 388.40 380.60
395.10
3814370.46 | 451.80 421.50 411.00
411.80 428.80 415.70 399.50 403.80
380.80
3814295.46 | 440.40 417.20 402.50
393.70 398.20 403.40 401.00 401.80
381.70
3814220.46 | 423.80 427.40 402.60
387.80 382.00 382.20 386.50 413.60
406.70

3814145.46 | 420.20 409.90 414.50
394.40 375.10 366.90 385.40 378.20
398.50
3814070.46 | 409.50 410.40 410.00
379.70 371.70 361.30 365.30 368.30
368.70
3813995.46 | 387.70 397.20 410.40
379.80 367.80 367.50 358.40 350.50
360.10
3813920.46 | 392.00 408.60 409.10
388.50 389.10 362.60 360.10 346.20
338.50
3813845.46 | 394.80 397.20 380.50
401.00 396.90 384.10 389.10 364.60
357.60
3813770.46 | 381.20 377.50 382.60
375.80 379.70 381.50 395.60 392.70
364.90
3813695.46 | 361.80 367.20 370.80
362.70 367.80 387.30 382.60 372.80
349.10
3813620.46 | 355.30 359.10 366.30
358.30 362.70 368.00 375.70 362.30
336.90
3813545.46 | 348.60 349.90 349.60
353.10 364.90 357.80 383.40 358.90
332.50
3813470.46 | 346.10 345.30 344.40
347.10 347.10 366.60 367.70 360.10
345.20
3813395.46 | 344.70 342.90 341.60
341.60 341.30 350.00 369.90 380.70
344.30
3813320.46 | 343.00 340.70 339.20
339.10 339.90 341.90 361.40 353.50
345.30
3813245.46 | 342.20 339.60 338.10
338.00 338.00 336.90 337.90 363.60
337.20
3813170.46 | 346.10 341.50 338.20
336.70 336.90 335.70 334.10 347.00
340.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	418.40	427.80	424.70	407.00
3816020.46	399.80	416.10	400.50	392.70
3815945.46	390.40	402.30	392.80	375.90
3815870.46	388.50	394.20	374.20	371.90
3815795.46	384.40	376.00	385.30	366.70
3815720.46	376.80	376.10	366.90	365.90
3815645.46	369.60	369.90	364.20	356.80
3815570.46	363.80	365.10	363.60	365.00
3815495.46	364.50	358.80	356.60	356.80
3815420.46	366.70	358.30	355.50	350.20
3815345.46	368.50	366.60	359.50	351.40
3815270.46	382.90	386.40	367.50	355.60
3815195.46	401.50	392.00	387.50	377.40
3815120.46	418.80	419.20	414.10	

391.90
3815045.46 | 425.90 416.10 398.80
399.40
3814970.46 | 422.80 425.70 419.20
404.50
3814895.46 | 404.80 418.20 409.90
403.50
3814820.46 | 396.00 404.80 409.00
395.30
3814745.46 | 393.60 385.40 396.60
404.80
3814670.46 | 397.50 397.60 385.60
375.40
3814595.46 | 386.20 391.80 393.80
379.30
3814520.46 | 366.80 365.90 375.80
387.60
3814445.46 | 389.80 372.30 356.30
376.90
3814370.46 | 372.10 372.50 350.00
361.10
3814295.46 | 369.20 350.60 346.20
356.10
3814220.46 | 370.90 367.50 345.80
338.50
3814145.46 | 391.50 364.20 372.50
346.10
3814070.46 | 380.70 386.70 375.80
349.00
3813995.46 | 348.70 348.50 361.30
356.40
3813920.46 | 338.30 335.60 335.70
336.40
3813845.46 | 339.20 335.40 327.20
326.70
3813770.46 | 364.90 359.80 335.40
323.40
3813695.46 | 342.50 338.10 322.60
320.10
3813620.46 | 327.30 320.20 318.70
318.10
3813545.46 | 325.30 319.10 318.00
318.00
3813470.46 | 320.20 317.20 317.00
317.00
3813395.46 | 319.60 317.60 317.00
317.00
3813320.46 | 319.60 318.10 317.00
316.00
3813245.46 | 319.60 316.20 316.00
316.00
3813170.46 | 320.00 316.00 316.00

315.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	760.00	760.00	760.00	760.00	609.00	609.00	609.00	609.00	609.00
3816020.46	760.00	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00
3815945.46	760.00	760.00	760.00	609.00	700.00	609.00	700.00	609.00	609.00
3815870.46	760.00	760.00	760.00	700.00	700.00	609.00	700.00	609.00	609.00
3815795.46	760.00	760.00	760.00	760.00	700.00	700.00	700.00	609.00	609.00
3815720.46	760.00	760.00	760.00	609.00	609.00	700.00	609.00	609.00	609.00
3815645.46	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815570.46	700.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815495.46	496.00	700.00	609.00	463.00	609.00	609.00	609.00	585.00	

482.00
3815420.46 | 700.00 700.00 574.00
465.00 609.00 609.00 609.00 482.00
609.00
3815345.46 | 496.00 609.00 482.00
465.00 609.00 609.00 609.00 609.00
585.00
3815270.46 | 496.00 574.00 482.00
481.00 609.00 609.00 585.00 481.00
481.00
3815195.46 | 496.00 496.00 482.00
481.00 609.00 609.00 609.00 481.00
481.00
3815120.46 | 496.00 496.00 482.00
481.00 482.00 609.00 609.00 524.00
481.00
3815045.46 | 496.00 495.00 482.00
481.00 481.00 609.00 609.00 585.00
524.00
3814970.46 | 495.00 481.00 481.00
481.00 481.00 574.00 609.00 574.00
524.00
3814895.46 | 452.00 452.00 452.00
452.00 481.00 481.00 585.00 585.00
524.00
3814820.46 | 452.00 452.00 452.00
452.00 481.00 481.00 574.00 574.00
524.00
3814745.46 | 452.00 452.00 452.00
481.00 481.00 481.00 524.00 524.00
524.00
3814670.46 | 524.00 475.00 475.00
481.00 481.00 524.00 524.00 524.00
524.00
3814595.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814520.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814445.46 | 527.00 524.00 517.00
481.00 481.00 524.00 524.00 524.00
524.00
3814370.46 | 524.00 524.00 475.00
475.00 481.00 481.00 524.00 524.00
524.00
3814295.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 524.00
524.00
3814220.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
524.00

3814145.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3814070.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813995.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813920.46 | 475.00 475.00 475.00
473.00 475.00 475.00 475.00 475.00
475.00
3813845.46 | 475.00 475.00 475.00
475.00 475.00 473.00 475.00 475.00
475.00
3813770.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813695.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813620.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813545.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813470.46 | 475.00 473.00 475.00
475.00 475.00 473.00 464.00 475.00
473.00
3813395.46 | 475.00 475.00 475.00
475.00 475.00 464.00 464.00 464.00
464.00
3813320.46 | 504.00 504.00 504.00
504.00 504.00 504.00 464.00 464.00
464.00
3813245.46 | 504.00 504.00 504.00
504.00 464.00 464.00 464.00 464.00
464.00
3813170.46 | 504.00 504.00 504.00
464.00 464.00 504.00 464.00 464.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28	
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	585.00	524.00	585.00	
3815495.46	479.80	609.00	609.00	609.00	609.00	609.00	585.00	524.00		

524.00
3815420.46 | 480.00 574.00 609.00
609.00 609.00 609.00 585.00 524.00
524.00
3815345.46 | 481.00 524.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815270.46 | 481.00 574.00 609.00
609.00 574.00 524.00 524.00 524.00
524.00
3815195.46 | 524.00 585.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815120.46 | 585.00 609.00 609.00
609.00 524.00 524.00 524.00 524.00
524.00
3815045.46 | 524.00 609.00 609.00
524.00 524.00 524.00 524.00 524.00
524.00
3814970.46 | 524.00 609.00 609.00
585.00 524.00 524.00 524.00 524.00
524.00
3814895.46 | 524.00 585.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814820.46 | 524.00 585.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814745.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814670.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814595.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814520.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814445.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814370.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814295.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814220.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00

3814145.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814070.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3813995.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813920.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813845.46 | 475.00 475.00 475.00
475.00 473.00 441.00 524.00 524.00
524.00
3813770.46 | 475.00 475.00 441.00
441.00 441.00 447.00 520.00 520.00
520.00
3813695.46 | 475.00 473.00 439.00
441.00 441.00 464.00 447.00 520.00
520.00
3813620.46 | 475.00 464.00 441.00
441.00 441.00 441.00 464.00 443.00
441.00
3813545.46 | 473.00 473.00 464.00
441.00 464.00 464.00 443.00 432.00
432.00
3813470.46 | 464.00 464.00 464.00
443.00 443.00 464.00 441.00 432.00
432.00
3813395.46 | 464.00 464.00 464.00
464.00 464.00 432.00 504.00 441.00
432.00
3813320.46 | 464.00 464.00 464.00
464.00 504.00 504.00 504.00 504.00
504.00
3813245.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00
3813170.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815495.46	524.00	524.00	609.00	524.00	609.00	609.00	609.00	609.00	

609.00
3815420.46 | 524.00 524.00 524.00
524.00 585.00 557.00 524.00 557.00
557.00
3815345.46 | 524.00 524.00 524.00
524.00 524.00 524.00 519.00 524.00
524.00
3815270.46 | 524.00 524.00 524.00
524.00 513.00 513.00 516.00 516.00
516.00
3815195.46 | 524.00 524.00 524.00
524.00 524.00 519.00 524.00 520.00
516.00
3815120.46 | 524.00 524.00 524.00
524.00 524.00 520.00 524.00 520.00
516.00
3815045.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3814970.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3814895.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814820.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814745.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814670.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
520.00
3814595.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
520.00
3814520.46 | 524.00 524.00 524.00
524.00 524.00 520.00 520.00 520.00
520.00
3814445.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814370.46 | 524.00 524.00 524.00
524.00 520.00 524.00 524.00 520.00
520.00
3814295.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814220.46 | 524.00 524.00 524.00
520.00 524.00 524.00 520.00 524.00
520.00

3814145.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814070.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813995.46 | 524.00 524.00 524.00
524.00 524.00 520.00 520.00 524.00
520.00
3813920.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 524.00
520.00
3813845.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3813770.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3813695.46 | 520.00 520.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813545.46 | 432.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813470.46 | 432.00 441.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813395.46 | 432.00 432.00 432.00
432.00 520.00 520.00 520.00 520.00
520.00
3813320.46 | 504.00 432.00 403.30
405.00 432.00 504.00 520.00 520.00
520.00
3813245.46 | 504.00 504.00 504.00
405.00 405.00 405.00 482.00 482.00
520.00
3813170.46 | 504.00 504.00 504.00
504.00 405.00 405.00 405.00 409.00
482.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	579.00	579.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815495.46	579.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	

609.00
3815420.46 | 524.00 609.00 609.00
609.00 609.00 609.00 609.00 609.00
609.00
3815345.46 | 520.00 524.00 534.00
579.00 579.00 579.00 609.00 579.00
609.00
3815270.46 | 520.00 524.00 524.00
524.00 520.00 520.00 552.00 520.00
552.00
3815195.46 | 516.00 520.00 520.00
520.00 487.00 520.00 520.00 520.00
520.00
3815120.46 | 520.00 520.00 520.00
520.00 520.00 485.00 487.00 520.00
520.00
3815045.46 | 520.00 520.00 520.00
520.00 520.00 485.00 485.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814895.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
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3814820.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814745.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814670.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814595.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814520.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
524.00
3814445.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814370.46 | 520.00 520.00 520.00
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3814295.46 | 520.00 520.00 520.00
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3814220.46 | 520.00 520.00 520.00
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520.00

3814145.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
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3813845.46 | 520.00 520.00 520.00
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3813770.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 406.00
520.00
3813695.46 | 520.00 520.00 520.00
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3813620.46 | 520.00 520.00 520.00
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3813545.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 386.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 406.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 386.00
520.00
3813170.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 409.00
409.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	609.00	579.00	579.00	579.00
3816020.46	609.00	579.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00
3815495.46	609.00	609.00	609.00	609.00
3815420.46	609.00	609.00	609.00	609.00
3815345.46	609.00	609.00	609.00	609.00
3815270.46	579.00	579.00	579.00	609.00
3815195.46	534.00	534.00	534.00	552.00
3815120.46	520.00	520.00	520.00	

520.00
3815045.46 | 520.00 520.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
520.00
3814895.46 | 520.00 520.00 520.00
520.00
3814820.46 | 520.00 520.00 520.00
520.00
3814745.46 | 520.00 520.00 520.00
520.00
3814670.46 | 520.00 520.00 520.00
520.00
3814595.46 | 520.00 520.00 520.00
520.00
3814520.46 | 524.00 520.00 520.00
520.00
3814445.46 | 520.00 520.00 520.00
520.00
3814370.46 | 520.00 520.00 520.00
520.00
3814295.46 | 520.00 520.00 520.00
520.00
3814220.46 | 520.00 520.00 520.00
520.00
3814145.46 | 520.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
520.00
3813845.46 | 520.00 520.00 520.00
520.00
3813770.46 | 520.00 520.00 520.00
520.00
3813695.46 | 520.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00
3813545.46 | 520.00 520.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00
3813170.46 | 520.00 520.00 520.00

520.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** DISCRETE
CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD,
ZELEV, ZHILL, ZFLAG)

(METERS)

(350508.9, 3814829.9, 424.8, 520.0, 0.0);
(350283.7, 3815266.5, 441.1, 524.0, 0.0);
(350539.8, 3814604.7, 430.8, 520.0, 0.0);
(350467.6, 3814245.4, 385.7, 520.0, 0.0);
(350008.7, 3813941.2, 374.5, 524.0, 0.0);
(350147.9, 3813936.0, 378.9, 520.0, 0.0);
(350557.0, 3814453.4, 397.3, 520.0, 0.0);
(349200.8, 3815251.0, 455.4, 524.0, 0.0);
(349173.3, 3815257.9, 461.5, 524.0, 0.0);
(348862.6, 3814174.1, 380.0, 524.0, 0.0);
(348862.6, 3815183.5, 439.9, 585.0, 0.0);
(350494.7, 3815179.7, 481.9, 487.0, 0.0);
(350487.0, 3814363.6, 425.7, 520.0, 0.0);
(350216.2, 3814363.6, 442.9, 520.0, 0.0);
(350216.2, 3814193.4, 425.3, 520.0, 0.0);
(349991.9, 3813969.1, 381.1, 520.0, 0.0);
(349794.7, 3813961.4, 363.8, 524.0, 0.0);
(349597.4, 3814065.8, 372.8, 524.0, 0.0);
(349121.7, 3814085.1, 372.9, 524.0, 0.0);

**MODELOPTs: RegDFAULT CONC
ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH
CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR
BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL1	349820.3	3814070.5	-28.63
VOL1	349895.3	3814070.5	-47.40
VOL1	349970.3	3814070.5	-19.91
VOL1	349745.3	3814145.5	-10.63
VOL1	349820.3	3814145.5	-81.46
VOL1	349895.3	3814145.5	-121.82
VOL1	349970.3	3814145.5	-67.45
VOL1	349745.3	3814220.5	-9.02
VOL1	349820.3	3814220.5	-78.38
VOL1	349895.3	3814220.5	-115.61
VOL1	349970.3	3814220.5	-64.84
VOL1	349820.3	3814295.5	-23.19
VOL1	349895.3	3814295.5	-41.08
VOL1	349970.3	3814295.5	-14.81

		VOL2	349295.3
3814145.5	-15.85		
		VOL2	349370.3
3814145.5	-40.21		
		VOL2	349445.3
3814145.5	-16.17		
		VOL2	349295.3
3814220.5	-63.61		
		VOL2	349370.3
3814220.5	-115.21		
		VOL2	349445.3
3814220.5	-64.13		
		VOL2	349295.3
3814295.5	-56.16		
		VOL2	349370.3
3814295.5	-98.43		
		VOL2	349445.3
3814295.5	-56.63		
		VOL2	349295.3
3814370.5	-1.91		
		VOL2	349370.3
3814370.5	-23.43		
		VOL2	349445.3
3814370.5	-2.20		
		VOL3	349595.3
3814520.5	-2.17		
		VOL3	349670.3
3814520.5	-38.30		
		VOL3	349745.3
3814520.5	-29.27		
		VOL3	349595.3
3814595.5	-43.76		
		VOL3	349670.3
3814595.5	-107.96		
		VOL3	349745.3
3814595.5	-87.35		
		VOL3	349820.3
3814595.5	-17.41		
		VOL3	349595.3
3814670.5	-39.55		
		VOL3	349670.3
3814670.5	-97.95		
		VOL3	349745.3
3814670.5	-80.35		
		VOL3	349820.3
3814670.5	-14.03		
		VOL3	349670.3
3814745.5	-26.68		
		VOL3	349745.3
3814745.5	-18.46		

**MODELOPTs: RegDFAULT CONC
ELEV

*** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

METEOROLOGICAL DATA PROCESSED BETWEEN
START DATE: 2005 1 1 1
AND
END DATE: 2005 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED
WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST
THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09,
5.14, 8.23, 10.80,

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltCO\RGAltCO.isc
***        06/19/14
                                   ***
***        14:19:42

PAGE  18
 **MODELOPTs:  RegDFAULT CONC
ELEV


                                    *** UP TO THE FIRST 24 HOURS
OF METEOROLOGICAL DATA ***

   Surface file:   met\burk6.sfc
Met Version:  12345
   Profile file:   met\burk6.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:        0                  Upper air
station no.:     3190
                  Name: UNKNOWN
Name: UNKNOWN
                  Year:   2005
Year:   2005

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN
Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 05 01 01   1 01   -3.2  0.063 -9.000 -9.000 -999.   37.      7.1
0.53   1.00   1.00    0.90  285.    9.1  279.9    5.5
 05 01 01   1 02   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  277.    9.1  279.9    5.5
 05 01 01   1 03   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  335.    9.1  279.2    5.5
 05 01 01   1 04   -2.6  0.063 -9.000 -9.000 -999.   37.      8.6
0.53   1.00   1.00    0.90  291.    9.1  278.8    5.5
 05 01 01   1 05   -3.0  0.063 -9.000 -9.000 -999.   37.      7.4
0.53   1.00   1.00    0.90  334.    9.1  278.1    5.5
 05 01 01   1 06   -0.5  0.028 -9.000 -9.000 -999.   11.      3.8
0.53   1.00   1.00    0.40  309.    9.1  278.8    5.5
 05 01 01   1 07   -2.6  0.063 -9.000 -9.000 -999.   37.      8.6
0.53   1.00   1.00    0.90  313.    9.1  278.8    5.5
 05 01 01   1 08   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   0.56    0.40  256.    9.1  279.2    5.5
 05 01 01   1 09    0.1  0.128  0.022  0.005    4.  105.  -1838.7
0.53   1.00   0.33    0.90  298.    9.1  282.5    5.5
 05 01 01   1 10    0.1  0.128  0.025  0.005    5.  105.  -1838.7
0.53   1.00   0.25    0.90  103.    9.1  286.4    5.5
 05 01 01   1 11    0.1  0.310  0.027  0.005    7.  397.  -8888.0
```

```
0.53   1.00   0.22    2.20  136.    9.1  287.0    5.5
 05 01 01   1 12    0.1  0.310  0.028  0.005    8.  397.  -8888.0
0.53   1.00   0.21    2.20  152.    9.1  287.0    5.5
 05 01 01   1 13    0.1  0.254  0.029  0.005    9.  295.  -8888.0
0.53   1.00   0.21    1.80  187.    9.1  285.9    5.5
 05 01 01   1 14    0.1  0.184  0.030  0.005    9.  182.  -5471.6
0.53   1.00   0.22    1.30  157.    9.1  287.0    5.5
 05 01 01   1 15    0.1  0.184  0.031  0.005   10.  181.  -5471.6
0.53   1.00   0.26    1.30  192.    9.1  286.4    5.5
 05 01 01   1 16    0.1  0.254  0.031  0.005   11.  294.  -8888.0
0.53   1.00   0.34    1.80  188.    9.1  285.9    5.5
 05 01 01   1 17   -4.9  0.092 -9.000 -9.000 -999.   88.     13.8
0.53   1.00   0.61    1.30  200.    9.1  285.4    5.5
 05 01 01   1 18   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  162.    9.1  284.9    5.5
 05 01 01   1 19   -3.0  0.063 -9.000 -9.000 -999.   37.      7.5
0.53   1.00   1.00    0.90  176.    9.1  284.9    5.5
 05 01 01   1 20   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  210.    9.1  284.2    5.5
 05 01 01   1 21   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  236.    9.1  284.2    5.5
 05 01 01   1 22   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  272.    9.1  283.8    5.5
 05 01 01   1 23   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  251.    9.1  283.1    5.5
 05 01 01   1 24   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  301.    9.1  282.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW
sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   279.9   99.0  -99.00  -
99.00
 05 01 01 01    9.1 1  285.    0.90  -999.0   99.0  -99.00  -
99.00

 F indicates top of profile (=1) or below (=0)
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	2.70171	3.27884	3.21358	2.73795	2.42999	2.48425	2.50911	2.23442	2.44563
3816020.46	3.48589	3.75450	3.47352	2.72360	2.65291	2.64902	2.92817	2.54646	2.71426
3815945.46	4.18457	4.17878	3.65450	2.86724	3.09484	2.85732	3.35078	2.83432	3.03648
3815870.46	5.09688	4.95214	4.46162	3.98356	3.67987	3.43946	3.86711	3.42079	3.41192
3815795.46	5.54551	5.65168	5.46485	5.09804	4.15292	4.86202	4.74017	4.16211	3.98056
3815720.46	6.62348	6.34585	5.79060	4.37488	4.18108	6.25445	5.50630	4.96271	4.67270
3815645.46	7.28282	7.41050	6.64252	4.84755	4.93088	7.22099	6.55583	6.33614	5.14707

3815570.46 | 7.01121 8.71883 7.79613
5.15407 5.69140 9.90063 7.77921 5.36814
4.40732
3815495.46 | 7.35456 9.94725 8.44294
5.09973 8.71333 10.09704 6.97225 4.81491
4.26764
3815420.46 | 10.56827 11.51582 8.61652
5.55535 11.66583 11.03516 6.48048 5.02994
5.96140
3815345.46 | 12.21843 13.45307 9.34062
7.09928 14.97222 11.85502 8.78029 9.16146
6.93013
3815270.46 | 14.48214 14.98483 10.15008
10.32572 18.92506 14.76763 10.09508 6.67054
5.49232
3815195.46 | 16.35366 16.94304 13.42213
11.41521 22.02747 21.47274 15.51345 8.55303
6.32799
3815120.46 | 17.78405 17.78461 15.26256
11.79853 17.54015 30.62091 22.01587 14.93327
9.08221
3815045.46 | 19.15803 19.29048 18.41703
15.28370 17.40813 37.65121 32.77990 25.56943
15.11839
3814970.46 | 19.06296 17.18317 14.45613
13.27840 13.40899 33.37488 44.49302 28.56563
18.86785
3814895.46 | 9.76262 9.57672 8.19857
10.38403 14.09082 23.94945 54.43560 53.37083
35.65084
3814820.46 | 9.67351 11.94682 9.09340
13.52855 17.01278 19.98053 54.56227 59.93274
36.61850
3814745.46 | 15.03242 20.27530 14.34481
21.10365 22.97893 22.15210 49.17737 60.77653
64.98969
3814670.46 | 24.79951 27.10825 24.07753
22.94012 35.72548 42.09423 56.49192 66.92932
70.75323
3814595.46 | 24.00495 29.39553 34.84658
36.95999 36.61967 49.96586 56.91710 64.48241
63.82948
3814520.46 | 22.45254 27.01244 32.61977
37.18270 46.30170 51.68669 57.79073 65.05127
44.75463
3814445.46 | 21.36266 25.39541 29.65806
33.81380 43.66291 48.61116 54.33612 61.09673
61.12079
3814370.46 | 13.76758 20.47915 24.62949
29.23618 40.93521 45.34373 50.59439 56.43680
63.57646
3814295.46 | 3.37736 7.81980 15.17002

23.51465 26.89679 32.42877 46.87927 52.19499
58.29868
3814220.46 | 1.67256 4.90994 10.66461
9.40234 13.24724 17.48866 43.09272 48.34250
53.34938
3814145.46 | 2.34789 3.83425 2.46716
1.62181 2.45991 11.37203 24.29962 44.79464
49.60311
3814070.46 | 2.04736 0.90872 0.45612
0.54850 1.58056 9.37514 19.26835 18.93522
46.49226
3813995.46 | 0.60449 0.36310 0.32544
0.46308 0.89728 3.57572 4.79555 7.69172
24.17656
3813920.46 | 1.23199 0.79490 0.57465
0.32617 0.54436 1.48503 1.18727 2.15044
9.02029
3813845.46 | 3.93667 2.25843 0.60854
0.33497 0.39972 0.42474 0.57363 0.85095
2.27546
3813770.46 | 5.20098 4.51047 1.88637
0.53900 0.66388 0.58356 0.69131 0.86716
2.85868
3813695.46 | 8.27743 5.05591 1.30017
0.78946 1.17576 1.40678 2.79397 4.01112
18.84083
3813620.46 | 9.68633 7.82657 2.45255
0.88974 2.03197 4.98045 8.62987 14.54757
13.48076
3813545.46 | 8.94067 2.57953 0.69427
0.65402 2.44179 4.88774 3.54291 10.00426
7.03482
3813470.46 | 3.57906 0.75793 1.82129
1.79525 1.40629 0.88741 0.96421 5.29275
3.19214
3813395.46 | 6.11198 3.90106 7.38732
5.88406 4.44688 0.98950 0.76875 2.12231
0.97850
3813320.46 | 17.21398 18.10914 10.05926
9.18415 4.31579 2.98707 0.69546 0.58765
0.67224
3813245.46 | 9.82109 9.10371 5.78389
3.07443 0.68121 0.56570 0.43364 0.33465
0.38493
3813170.46 | 4.71129 3.35279 1.29969
0.58617 0.50775 0.71707 0.35640 0.32638
0.51119

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	2.42703	2.02283	2.29129	1.91490	1.90772	1.77257	1.82463	2.19190	2.16223
3816020.46	2.57832	2.22891	2.55413	2.14059	2.29529	1.98096	2.25444	2.42280	2.30265
3815945.46	2.90485	2.83115	2.90060	2.53076	2.63837	2.15062	2.41615	2.74480	2.53040
3815870.46	3.30765	3.23413	3.15780	3.04952	3.03538	2.73717	2.66760	3.06032	3.39782
3815795.46	3.78072	3.54655	3.71372	3.65675	3.50686	3.21168	3.01997	3.00046	3.57253
3815720.46	4.15314	4.05282	4.51222	4.26639	4.00832	3.73696	3.45406	3.42032	3.96327
3815645.46	4.54332	4.19876	4.74263	4.96629	4.63063	4.27959	3.74568	3.49430	3.63685

3815570.46 | 4.39064 4.39178 4.98684
5.86439 5.24406 4.36446 3.67338 3.42415
3.48890
3815495.46 | 4.31882 4.68309 4.96190
6.70777 5.46373 4.56839 4.15440 3.92262
3.27357
3815420.46 | 4.72132 5.06503 6.41599
8.27111 6.73135 5.83493 4.97446 4.48261
4.02085
3815345.46 | 5.33309 5.82186 8.33466
8.91891 6.00209 5.25625 5.14860 4.12183
3.94081
3815270.46 | 6.67687 7.22365 9.72367
12.07900 6.89831 6.50622 5.88639 4.71858
5.21751
3815195.46 | 9.30445 10.39520 18.15528
11.65010 9.14698 7.39165 6.64297 5.97938
6.46137
3815120.46 | 14.27066 17.57812 21.30994
15.39218 10.65922 8.06831 7.44063 7.76310
8.32253
3815045.46 | 18.51084 26.51748 23.90748
11.50623 11.65702 10.42785 9.64996 10.34094
11.39934
3814970.46 | 18.40520 42.80011 39.17225
27.87211 16.60377 10.63842 13.15851 15.99214
15.01780
3814895.46 | 28.37080 52.25846 36.46325
23.06190 15.94487 14.71718 19.65190 27.71569
15.03279
3814820.46 | 56.05749 78.86317 53.17539
34.91701 41.01479 33.64805 31.58496 38.94506
24.30571
3814745.46 | 75.17021 80.63787 37.49524
56.13553 51.20951 50.76249 62.01471 48.92701
19.57115
3814670.46 | 82.87248 78.08698 55.32854
78.88380 112.40659 99.09630 118.36847 68.24388
32.92010
3814595.46 | 72.68334 34.81765 56.91148
129.90650 160.53641 154.29389 187.39920 131.00195
77.46525
3814520.46 | 29.18057 40.79755 65.36621
127.00313 158.98659 176.74532 225.03413 230.77933
87.25067
3814445.46 | 64.95804 80.34711 85.96853
102.73843 152.07078 185.76767 212.83684 117.86018
98.90825
3814370.46 | 72.67957 82.23393 94.20593
113.90800 137.61758 171.96494 88.85100 131.66109
155.36816
3814295.46 | 65.36943 73.55462 84.52458

98.88625 119.88205 146.19071 163.03801 213.09220
143.36596
3814220.46 | 59.07996 66.23644 74.94891
86.38936 100.93187 119.62338 148.36831 203.45861
225.42874
3814145.46 | 54.46774 60.12786 66.82983
75.75372 86.55036 101.01154 119.78550 148.98876
203.69830
3814070.46 | 50.05045 55.54107 62.21948
68.60853 77.12910 87.94245 103.07422 124.21428
155.78327
3813995.46 | 48.75222 54.59457 60.32789
62.96707 70.00490 79.40707 92.24753 109.59100
133.39257
3813920.46 | 45.82789 49.44710 54.44416
59.98747 66.30809 75.07792 85.40784 97.85020
116.93900
3813845.46 | 43.79991 48.34191 53.91242
61.19724 34.42785 80.84725 81.22627 90.35589
103.03834
3813770.46 | 41.91259 4.01900 3.41289
7.52187 7.83876 74.58033 74.55929 83.76901
92.30108
3813695.46 | 12.00891 3.28787 0.58026
1.12143 6.50633 68.15745 76.03592 78.98827
81.70302
3813620.46 | 13.82311 2.58205 0.88719
0.77832 1.39286 3.28403 68.37603 76.41176
81.42530
3813545.46 | 4.61836 6.70273 2.35982
1.25025 5.39830 23.87795 18.00355 2.66509
11.77418
3813470.46 | 1.25132 2.20318 2.73351
1.19582 1.71715 7.81227 4.81168 0.77582
3.48263
3813395.46 | 0.69813 0.60745 1.49889
1.32970 4.73920 2.36194 21.56921 14.70767
2.39012
3813320.46 | 0.42796 0.60684 0.82651
1.11948 11.95147 22.47231 45.46027 48.62215
19.35461
3813245.46 | 0.72046 1.37876 4.78631
3.16979 4.62427 4.77883 23.32144 41.67341
46.34466
3813170.46 | 0.79299 1.75435 4.82732
13.92363 10.01983 35.51921 37.46500 38.39234
38.77132

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	2.33241	2.41402	2.84112	3.16485	3.15051	3.14824	3.21001	4.49109	3.48118
3816020.46	2.81884	2.94676	3.03826	3.78185	4.18101	4.64113	3.66029	4.55772	5.62213
3815945.46	3.23139	4.13059	3.92804	4.49807	5.19944	5.84632	6.05752	5.30875	7.58384
3815870.46	3.43187	4.60314	5.39787	6.04033	6.60774	7.19445	8.26289	8.10247	9.14043
3815795.46	4.40734	5.09162	5.91207	6.82705	7.85303	9.36013	11.04027	14.23794	16.19969
3815720.46	4.29931	3.99902	4.52435	7.41581	8.73267	11.04423	10.23340	11.74359	20.51622
3815645.46	4.10918	3.90160	6.06204	8.10641	7.95737	8.25767	11.02222	14.71175	20.52661

3815570.46 | 4.05301 4.17350 5.99594
6.34401 6.73530 8.50795 8.62619 12.65022
13.79416
3815495.46 | 3.96767 4.20313 5.24877
4.82784 6.26319 7.73643 6.36303 7.13801
8.73482
3815420.46 | 4.00806 4.14353 4.52032
5.55717 6.32800 6.39937 5.93007 6.66437
6.29601
3815345.46 | 3.60007 3.88873 4.14086
5.42351 5.90572 6.00489 5.76890 6.06893
5.20366
3815270.46 | 4.43990 4.89562 4.72929
5.20370 5.11280 5.75289 5.80010 5.49195
4.70021
3815195.46 | 6.09462 5.58889 5.78637
6.81517 6.84629 6.59735 7.47678 6.62478
4.76022
3815120.46 | 7.55844 6.77412 5.90330
8.06401 8.38699 7.92971 8.73726 7.32260
5.41038
3815045.46 | 9.39840 7.94980 8.01158
8.71135 10.72007 9.91662 10.31323 8.16290
6.35702
3814970.46 | 9.84145 9.21511 10.94062
10.10475 12.69689 12.78378 11.82555 9.54592
6.40108
3814895.46 | 13.04720 12.68184 14.87488
12.28642 15.58200 16.77670 12.49708 8.38844
6.59805
3814820.46 | 15.74531 16.75220 21.19073
17.25811 20.85838 18.92485 13.45738 10.42466
8.96296
3814745.46 | 17.65751 19.39487 26.82751
24.23078 30.95449 23.88964 18.89321 15.00303
12.44047
3814670.46 | 33.59181 44.13071 36.36894
41.45679 48.47720 37.97601 29.51179 21.60321
16.20836
3814595.46 | 62.97008 105.37932 107.05756
79.04568 77.27137 54.03819 39.90243 28.29488
19.13787
3814520.46 | 75.29364 215.89100 193.51020
204.07302 97.49609 47.96895 39.40419 26.78453
20.31281
3814445.46 | 108.41727 437.06431 605.09045
408.67283 177.41305 104.36411 60.87041 48.15106
23.35371
3814370.46 | 271.24780 683.21765 897.62560
343.83292 139.89262 150.22507 135.21925 60.66750
44.84997
3814295.46 | 437.29264 700.11376 598.54266

222.59878 0.00000 0.00000 0.00000 94.15931
49.15215
3814220.46 | 411.09049 584.16842 230.60068
0.00000 0.00000 0.00000 0.00000 199.79670
65.36766
3814145.46 | 282.01396 422.33697 735.82845
0.00000 0.00000 0.00000 0.00000 549.08861
665.43094
3814070.46 | 207.51663 296.16342 421.62873
808.02333 0.00000 0.00000 0.00000 269.59397
917.06627
3813995.46 | 168.81999 220.77120 298.10827
406.78177 534.03969 767.42076 431.38805 736.17589
577.36099
3813920.46 | 142.24101 176.35128 221.04120
274.30003 327.98020 376.20505 451.54231 410.17164
439.98747
3813845.46 | 120.07364 141.74057 168.11422
195.66218 219.57137 238.48195 252.85130 272.37797
286.71552
3813770.46 | 101.67949 115.51893 131.39512
146.65521 158.70550 167.40481 174.75751 182.85979
221.65430
3813695.46 | 86.97528 96.04998 105.56610
114.35378 121.05408 125.70193 129.57626 169.06122
157.46501
3813620.46 | 82.80833 86.55610 86.80893
92.05995 95.93229 98.56331 100.88281 103.74985
106.76205
3813545.46 | 35.65551 77.48551 74.23577
76.97866 78.47901 79.91477 81.26915 82.81989
85.00173
3813470.46 | 70.02376 70.38073 66.31657
68.97675 66.66087 66.52024 67.26663 68.19815
69.64893
3813395.46 | 11.81919 65.70907 68.77627
65.03874 58.50772 56.71533 57.03572 57.57654
58.37956
3813320.46 | 54.23809 31.82335 7.26335
28.59412 58.00728 51.85159 51.08002 49.63843
49.82483
3813245.46 | 45.50469 49.22419 51.09315
9.71518 17.61751 54.03308 46.68238 44.85687
44.09226
3813170.46 | 40.87030 38.92833 40.66567
47.14268 25.48271 14.95699 47.90113 42.85662
39.50284

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	4.14275	2.68756	2.42735	4.28711	2.51541	2.96550	1.70304	2.27043	13.92426
3816020.46	5.55292	5.52394	4.75142	4.61462	6.17180	5.94013	3.56215	5.21904	8.27907
3815945.46	7.25615	8.39031	12.32484	16.19169	11.89731	14.20905	10.78194	18.60558	14.67405
3815870.46	10.85794	13.04857	20.56983	23.18000	18.82830	20.06647	15.57768	25.02664	19.77040
3815795.46	16.64967	18.69247	21.28260	25.53572	29.05247	24.84471	27.35523	26.50305	25.33718
3815720.46	23.96593	24.66681	26.40202	32.14745	31.25521	30.18587	29.01347	27.60149	26.25101
3815645.46	24.42567	30.21437	30.73520	34.63171	33.31604	31.36737	29.89222	27.85969	26.38631

3815570.46 | 11.75687 27.28882 30.75050
29.44490 35.94069 33.47616 32.53137 29.65474
27.44807
3815495.46 | 5.61322 9.73625 17.16795
7.38538 22.65349 32.30429 35.44410 32.49582
29.85074
3815420.46 | 4.60770 7.49502 9.26380
17.30116 28.15852 33.06360 38.02298 35.45820
32.52537
3815345.46 | 4.34152 4.36969 6.99512
11.50724 13.15995 19.00672 35.19323 38.61846
35.44054
3815270.46 | 4.87341 5.06273 6.41846
5.50715 4.02104 6.24501 16.93792 5.76629
28.67425
3815195.46 | 4.58531 4.55264 4.53072
4.13073 3.55622 3.52979 3.50847 5.85415
20.86977
3815120.46 | 5.31051 4.59913 4.36417
4.30615 4.10329 3.55724 3.36632 3.53868
6.34815
3815045.46 | 5.63644 5.71156 5.25632
4.67606 4.83590 3.73080 3.39472 3.66459
3.68088
3814970.46 | 6.56805 5.85069 6.48539
5.27087 5.96609 4.15920 4.11255 3.43792
6.70481
3814895.46 | 6.91049 7.12709 6.46704
6.95129 6.95520 5.47731 6.25628 6.31924
12.75853
3814820.46 | 8.10249 8.09130 7.81597
6.95695 7.94246 10.58110 17.05090 38.49822
51.36877
3814745.46 | 9.28208 8.24215 6.70500
5.94103 5.65121 5.18830 5.78102 5.32899
34.47854
3814670.46 | 12.88438 9.09741 8.14934
7.54042 6.22419 5.34492 8.99947 15.16088
11.99478
3814595.46 | 14.01936 10.28224 9.95283
10.76202 13.51104 6.45537 14.71256 90.99298
74.39479
3814520.46 | 14.95404 11.05901 12.60979
27.92185 59.06188 65.46732 32.64012 96.85612
79.65319
3814445.46 | 16.98467 12.90944 12.66237
13.62443 23.98493 132.05512 119.44078 101.98106
106.99106
3814370.46 | 20.24442 25.00842 42.99878
37.06594 12.30988 23.91763 116.50387 71.36924
98.07666
3814295.46 | 27.08214 36.32195 128.70821

274.28522 181.80026 93.25907 114.12646 97.39518
105.90422
3814220.46 | 39.63026 26.48060 152.38039
271.51291 213.36639 177.80403 154.17160 30.14083
60.14627
3814145.46 | 41.99862 79.93123 43.99450
366.10752 207.75760 158.26312 162.07967 130.96597
145.07073
3814070.46 | 89.35895 73.11785 69.93747
273.71216 201.76896 154.62801 135.71704 120.91435
106.37703
3813995.46 | 544.48177 401.93950 61.73011
259.39725 186.54100 158.27123 127.81335 108.12375
98.88841
3813920.46 | 495.21154 67.29438 63.58715
247.07675 208.77840 143.31914 123.06225 103.35615
90.46887
3813845.46 | 301.44257 255.67767 235.40735
164.51542 229.45766 163.40896 143.67721 105.78149
90.26105
3813770.46 | 225.47131 203.08384 200.10893
167.26226 157.96873 144.20956 181.71026 169.50596
89.54486
3813695.46 | 141.50140 144.13554 143.19536
124.81990 120.82485 131.57704 117.92334 98.30103
76.43702
3813620.46 | 109.51367 111.02551 113.96256
103.63170 100.58087 98.82266 99.45819 81.65479
69.21482
3813545.46 | 87.28255 88.71588 88.19433
86.59874 88.97607 80.62715 94.54558 72.29714
63.13605
3813470.46 | 71.47629 73.00857 73.52580
73.00981 71.07017 75.95299 73.42863 65.79437
58.32946
3813395.46 | 59.73409 61.10214 62.05318
62.18010 61.30020 60.71557 66.86284 70.19490
52.82018
3813320.46 | 50.77414 51.86799 52.90388
53.49036 53.39577 52.69182 55.80751 51.50137
48.06134
3813245.46 | 43.85247 44.65955 45.60726
46.38279 46.67794 46.34369 45.59612 49.75169
42.94121
3813170.46 | 38.65877 39.05859 39.76046
40.50566 41.03266 41.07194 40.65107 41.02652
39.35283

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	5.90050	3.60782	3.91095	10.66442
3816020.46	16.19111	6.72678	14.85532	16.77938
3815945.46	22.14863	15.00502	18.08140	19.41539
3815870.46	23.39032	19.09050	20.83717	19.90209
3815795.46	24.63590	22.89202	22.94969	20.26882
3815720.46	25.13799	24.11610	22.04950	21.16613
3815645.46	25.41671	24.50549	22.83142	21.11826
3815570.46	25.92928	25.12145	23.95043	23.23633
3815495.46	27.54977	25.54809	24.23136	23.30765
3815420.46	29.61153	26.92101	25.39302	23.69495
3815345.46	31.82395	30.01353	27.43519	25.10020

3815270.46	37.19674	35.65451	30.52956	27.06306
3815195.46	30.54573	37.12857	35.95988	32.88401
3815120.46	8.00356	7.46594	10.64394	36.07065
3815045.46	5.40253	9.57149	35.95886	34.33333
3814970.46	6.60981	5.52527	8.18806	28.21941
3814895.46	30.50077	9.43965	19.19174	32.91310
3814820.46	56.59969	33.33302	22.47356	49.19937
3814745.46	64.62273	57.75493	55.43524	34.07341
3814670.46	66.41095	62.43544	57.01338	49.57533
3814595.46	72.77022	74.09400	68.43311	54.01980
3814520.46	67.38194	61.05638	60.66493	59.02733
3814445.46	83.32748	68.70382	55.59331	59.44195
3814370.46	80.95139	73.24404	57.14959	55.45665
3814295.46	83.90327	66.80250	59.49419	56.33525
3814220.46	89.94916	77.99668	62.17418	55.43287
3814145.46	143.29014	78.85591	76.10314	58.23719
3814070.46	104.97704	95.50054	80.17337	60.15695
3813995.46	83.47683	74.45236	71.63707	62.91906
3813920.46	80.34415	71.73439	64.60021	58.56972
3813845.46	77.07366	69.20532	62.36791	56.71914
3813770.46	81.38387	71.40140	60.06697	54.54453
3813695.46	68.81610	62.53819	56.74445	52.07772
3813620.46	63.41534	58.25657	53.65941	49.53471
3813545.46	58.62542	54.40724	50.52972	46.95524
3813470.46	53.77289	50.46258	47.29886	44.28685
3813395.46	49.12495	46.54297	44.01442	41.55022

3813320.46	44.78745	42.75810	40.74908	38.75995
3813245.46	40.84892	39.20381	37.60017	36.01273
3813170.46	37.32759	35.98937	34.68105	33.38383

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC
350508.88	3814829.88	8.45065
350283.70	3815266.49	5.16031
350539.82	3814604.70	7.85114
350467.63	3814245.45	230.53681
350008.68	3813941.20	489.72132
350147.91	3813936.04	439.98068
350557.01	3814453.44	128.64482
349200.78	3815251.02	6.91417
349173.28	3815257.89	6.51835
348862.58	3814174.11	57.31215
348862.58	3815183.55	11.31516
350494.71	3815179.68	3.62329
350486.97	3814363.62	13.99942
350216.24	3814363.62	20.88879
350216.24	3814193.45	34.59356
349991.92	3813969.12	674.03079
349794.67	3813961.39	394.12832
349597.42	3814065.81	291.62855
349121.71	3814085.15	75.68087

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348170.28 348245.28
348320.28 348395.28 348470.28
- -
- -
-

3816095.5 | 241.55417 (05070207) 256.75480 (05031509)
275.76615 (05022008) 268.37549 (05022008) 203.31399
(05111210)
3816020.5 | 260.35629 (05070207) 246.69370 (05070207)
265.35601 (05031509) 267.94029 (05031508) 248.94781
(05031508)
3815945.5 | 264.48055 (05100408) 267.42305 (05070207)
248.87742 (05070207) 271.05295 (05031509) 275.39526
(05022008)
3815870.5 | 246.74745 (05100408) 271.83262 (05100408)
273.95171 (05070207) 256.28822 (05031509) 280.45998
(05031509)
3815795.5 | 271.89478 (05052207) 253.58174 (05100408)
279.14594 (05100408) 281.02998 (05070207) 268.51590
(05031509)
3815720.5 | 263.73948 (05052207) 279.67506 (05052207)
260.26556 (05100408) 284.71313 (05100408) 285.84628
(05070207)
3815645.5 | 238.70498 (05121724) 267.94395 (05052207)
287.18249 (05052207) 266.82928 (05052207) 292.86878
(05100408)
3815570.5 | 271.82728 (05081607) 287.90415 (05121724)

271.49331 (05052207)   292.86109 (05052207)   276.80341
(05052207)
 3815495.5 | 282.55218 (05031311)   314.50817 (05030424)
256.36130 (05081607)   270.71060 (05052207)   304.05389
(05052207)
 3815420.5 | 302.42543 (05102501)   357.12543 (05122620)
296.72757 (05081607)   270.22641 (05081607)   364.86750
(05010218)
 3815345.5 | 372.47031 (05070706)   401.55625 (05102501)
299.81649 (05031311)   304.39578 (05081607)   454.44428
(05030424)
 3815270.5 | 444.19126 (05022004)   450.64662 (05070706)
262.22708 (05031311)   303.17101 (05031311)   566.25941
(05011018)
 3815195.5 | 575.22230 (05063006)   555.48773 (05063006)
348.67510 (05070706)   282.52807 (05070706)   641.02698
(05030501)
 3815120.5 | 682.70293 (05031307)   585.03144 (05031307)
499.98395 (05063006)   337.46803 (05063006)   468.00942
(05070706)
 3815045.5 | 739.31474 (05123120)   706.27778 (05031307)
611.82974 (05031307)   469.55043 (05063006)   522.56276
(05063006)
 3814970.5 | 943.97393 (05062806)   648.35003 (05062806)
471.17465 (05123120)   395.12987 (05070406)   356.40803
(05063006)
 3814895.5 | 445.45140 (05052706)   374.81883 (05052706)
299.24023 (05122309)   280.75762 (05120309)   396.76000
(05123120)
 3814820.5 | 477.80286 (05102207)   549.09158 (05052706)
415.49054 (05052706)   514.72058 (05052706)   607.20937
(05062806)
 3814745.5 | 1009.45928 (05032507)   1127.56116 (05032507)
689.95820 (05102207)   957.90715 (05050724)   1005.84653
(05050724)
 3814670.5 | 1917.54843 (05030804)   1923.30188 (05030804)
1607.43351 (05032507)   1395.54336 (05032507)   2003.57516
(05042924)
 3814595.5 | 2020.80145 (05062204)   2053.80609 (05062204)
1951.96144 (05062204)   2242.07298 (05030804)   2354.61559
(05030804)
 3814520.5 | 2011.46254 (05122820)   1970.70117 (05122820)
1684.82864 (05122820)   1635.89593 (05062204)   946.77579
(05031001)
 3814445.5 | 2019.80281 (05122823)   1963.33959 (05122823)
1758.21473 (05051403)   1668.74458 (05051403)   962.30899
(05030701)
 3814370.5 | 1822.98874 (05051902)   2137.01454 (05052203)
2122.49898 (05052203)   1930.61198 (05052203)   971.26926
(05110622)
 3814295.5 | 580.86607 (05061001)   1235.61108 (05010205)
2116.72313 (05041424)   2257.35266 (05041424)   2302.77173

(05100303)
3814220.5 | 414.66860 (05060406) 965.59946 (05010205) 1901.79309 (05123021) 1624.26733 (05010205) 2135.75876 (05123021)
3814145.5 | 525.43006 (05093001) 814.57780 (05093001) 511.84213 (05093001) 336.24276 (05090724) 461.42035 (05093001)
3814070.5 | 557.00921 (05041301) 253.28905 (05051401) 178.58089 (05091607) 189.40060 (05091607) 424.44781 (05021924)
3813995.5 | 216.87700 (05021924) 225.33620 (05021011) 244.59198 (05021011) 273.46898 (05021011) 362.17010 (05123122)
3813920.5 | 596.41899 (05123122) 433.04764 (05123122) 332.11488 (05021011) 335.46842 (05021011) 348.61649 (05021011)
3813845.5 | 1536.78671 (05061924) 896.13733 (05111322) 300.20100 (05021011) 281.07368 (05021011) 288.84056 (05120409)
3813770.5 | 1775.89506 (05011219) 1730.73916 (05010622) 928.32923 (05010622) 336.38234 (05120409) 348.93201 (05120409)
3813695.5 | 1826.00427 (05010622) 1806.16205 (05010622) 643.29814 (05020519) 364.72939 (05020519) 506.71036 (05020519)
3813620.5 | 1319.06114 (05010622) 1311.99976 (05020519) 945.14594 (05121703) 487.30671 (05121703) 1168.78124 (05121703)
3813545.5 | 1328.50894 (05121703) 1303.01151 (05121703) 493.25588 (05121703) 462.09759 (05121703) 1348.39269 (05121703)
3813470.5 | 1674.69657 (05121703) 581.45245 (05121703) 1094.49973 (05121703) 920.90423 (05112218) 684.58588 (05112218)
3813395.5 | 1778.42526 (05030805) 1759.26242 (05030805) 2013.22248 (05030805) 1978.50781 (05062302) 1898.06977 (05062302)
3813320.5 | 548.16696 (05011702) 589.82576 (05030624) 1690.43451 (05062302) 1903.75429 (05062302) 1846.05502 (05112219)
3813245.5 | 1325.65893 (05062302) 1591.12932 (05062302) 1878.56451 (05112219) 1550.08681 (05112219) 341.69473 (05123022)
3813170.5 | 1657.97730 (05062302) 1627.33859 (05112219) 728.89457 (05112219) 327.52439 (05123022) 285.58413 (05032524)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348545.28 348620.28
348695.28 348770.28 348845.28
- -
- -
-

3816095.5 | 257.55647 (05111210) 269.04908 (05111210)
135.97025 (05122615) 275.63629 (05041708) 275.75060
(05101210)
3816020.5 | 227.84722 (05111210) 274.36444 (05111210)
276.68876 (05062907) 280.90443 (05081707) 280.68001
(05041708)
3815945.5 | 245.29625 (05031508) 254.18629 (05111210)
283.06199 (05111210) 281.68786 (05062907) 286.93857
(05081707)
3815870.5 | 312.28852 (05022008) 336.64805 (05022008)
274.98860 (05111210) 289.79753 (05111210) 290.79729
(05081707)
3815795.5 | 339.57934 (05022008) 413.00149 (05022008)
332.69617 (05022008) 294.11311 (05111210) 300.07109
(05062907)
3815720.5 | 283.70476 (05031509) 393.41717 (05022008)
424.02069 (05022008) 334.54080 (05022008) 306.58935
(05111210)
3815645.5 | 320.24555 (05060206) 310.21036 (05022008)
455.52063 (05022008) 424.04284 (05022008) 292.97577
(05111210)
3815570.5 | 492.28280 (05060206) 325.00072 (05060206)

306.12315 (05031509)   329.78856 (05022008)   320.13818
(05022008)
 3815495.5 | 406.06128 (05060206)   311.22036 (05100408)
305.14306 (05070207)   313.22460 (05031509)   314.67974
(05031508)
 3815420.5 | 344.85705 (05060205)   296.81760 (05052207)
316.29746 (05100408)   313.44941 (05070207)   324.03868
(05031509)
 3815345.5 | 345.39928 (05010218)   319.77323 (05052207)
310.22237 (05052207)   328.51219 (05100408)   316.98724
(05070207)
 3815270.5 | 417.97846 (05030424)   281.80271 (05052207)
324.98270 (05052207)   314.80060 (05052207)   337.21047
(05100408)
 3815195.5 | 616.02058 (05122620)   405.96223 (05030424)
285.55642 (05081607)   331.31094 (05052207)   333.28396
(05052207)
 3815120.5 | 1000.49358 (05030501)   584.41283 (05122620)
349.24222 (05011018)   309.09433 (05081607)   347.88972
(05052207)
 3815045.5 | 1123.34996 (05051301)   984.07657 (05030501)
620.15539 (05122620)   352.67653 (05081607)   412.24737
(05121724)
 3814970.5 | 1067.17860 (05031307)   1377.69713 (05101923)
705.15261 (05070706)   388.79073 (05102501)   365.25734
(05110709)
 3814895.5 | 720.48277 (05031307)   2034.11018 (05100304)
1723.60736 (05071403)   844.74545 (05022004)   613.42961
(05070706)
 3814820.5 | 619.37630 (05062806)   2229.89632 (05012221)
2228.29378 (05042206)   1002.96183 (05031307)   1419.53185
(05031307)
 3814745.5 | 867.51273 (05062806)   2141.53734 (05110701)
2475.59970 (05010621)   2383.01889 (05012221)   2508.25834
(05042206)
 3814670.5 | 2202.39951 (05031006)   2532.66538 (05031006)
2665.95045 (05122303)   2837.06234 (05031702)   3005.41960
(05010621)
 3814595.5 | 2158.44367 (05030804)   2256.73763 (05042924)
2491.34891 (05042924)   2855.63436 (05031006)   2891.27407
(05010206)
 3814520.5 | 1012.31091 (05062202)   1083.32006 (05101222)
1164.33202 (05122721)   2306.01188 (05032507)   1393.71289
(05032507)
 3814445.5 | 1030.48671 (05030701)   1104.36360 (05030803)
1184.59982 (05031001)   2409.81215 (05062204)   3147.62872
(05062204)
 3814370.5 | 1040.30006 (05110622)   1116.53638 (05032603)
1200.75830 (05032603)   1290.50334 (05041701)   1400.52125
(05041701)
 3814295.5 | 2079.83483 (05100303)   1125.60097 (05122421)
1211.22085 (05032601)   1307.32682 (05032601)   1408.23366

(05032601)
3814220.5 | 2513.65290 (05123021) 1127.65005 (05122121) 1219.60736 (05122121) 1310.78788 (05122121) 1408.87599 (05122121)
3814145.5 | 2056.32646 (05062503) 2442.49987 (05062503) 1215.82719 (05093001) 1313.40719 (05093001) 1413.03586 (05093001)
3814070.5 | 2160.54159 (05061821) 2664.29052 (05061821) 2868.44289 (05071402) 1314.03098 (05030702) 1404.58853 (05030702)
3813995.5 | 1040.86914 (05123122) 1330.18854 (05123023) 2008.40866 (05123023) 2746.58508 (05123023) 1359.71591 (05073102)
3813920.5 | 598.17766 (05123122) 466.60438 (05123122) 698.00803 (05073102) 2453.30954 (05111322) 1369.10600 (05122304)
3813845.5 | 322.94553 (05120409) 354.26454 (05120409) 376.91712 (05120409) 869.21614 (05010622) 1345.23608 (05020519)
3813770.5 | 348.36757 (05120409) 338.27810 (05120409) 323.36220 (05121005) 1172.85944 (05121703) 1310.93353 (05082604)
3813695.5 | 635.42768 (05121703) 1326.88869 (05121703) 1823.47594 (05121703) 2328.29995 (05121703) 2923.41091 (05030805)
3813620.5 | 2047.78599 (05121703) 2335.14184 (05121703) 2533.22886 (05030805) 2780.03708 (05030805) 2899.05735 (05062302)
3813545.5 | 1984.81428 (05030805) 1565.88900 (05030805) 2542.69163 (05062302) 2390.34372 (05062302) 1811.72868 (05112219)
3813470.5 | 445.13391 (05031420) 470.36352 (05032119) 2004.95159 (05112219) 1404.77708 (05112219) 548.82491 (05123022)
3813395.5 | 522.27742 (05030624) 390.05538 (05030624) 981.37850 (05041101) 457.37418 (05123022) 360.49021 (05120310)
3813320.5 | 1453.99843 (05112219) 355.28313 (05032524) 310.68282 (05120310) 354.91697 (05120310) 341.61547 (05120310)
3813245.5 | 312.58148 (05032524) 314.76387 (05120310) 339.24683 (05120310) 317.87539 (05120310) 397.49759 (05062804)
3813170.5 | 376.09755 (05082724) 327.80254 (05120310) 293.33372 (05120310) 293.90085 (05062804) 339.94548 (05062804)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348920.28 348995.28
349070.28 349145.28 349220.28
- -
- -
-

3816095.5 | 140.14831 (05122210) 283.27773 (05051409)
142.64506 (05011209) 143.60940 (05052008) 128.63276
(05052008)
3816020.5 | 142.40421 (05061908) 281.21294 (05051409)
146.80831 (05122615) 292.52162 (05102108) 141.86109
(05052008)
3815945.5 | 289.86796 (05101210) 294.82672 (05122210)
294.63515 (05051409) 299.43641 (05011209) 150.58042
(05052008)
3815870.5 | 297.42658 (05041708) 300.23482 (05061908)
296.75051 (05051409) 301.66108 (05011209) 305.12655
(05102108)
3815795.5 | 303.18610 (05081707) 306.55912 (05101210)
310.20490 (05122210) 312.15688 (05051409) 312.85411
(05102108)
3815720.5 | 301.47062 (05062907) 314.56811 (05041708)
317.24254 (05061908) 314.92192 (05051409) 320.75691
(05011209)
3815645.5 | 311.80003 (05062907) 318.72761 (05081707)
338.50025 (05053106) 326.62677 (05122210) 326.88830
(05051409)
3815570.5 | 312.96135 (05111210) 323.49847 (05062907)

345.36741 (05053106) 338.84159 (05053106) 331.15747
(05051409)
3815495.5 | 296.93655 (05022008) 329.59398 (05111210)
331.73393 (05081707) 342.34214 (05053106) 340.26117
(05122210)
3815420.5 | 336.09752 (05022008) 403.59918 (05022008)
343.62654 (05062907) 349.92075 (05053106) 349.98149
(05053106)
3815345.5 | 339.93468 (05022008) 571.71327 (05022008)
471.32804 (05022008) 348.77159 (05062907) 351.60903
(05041708)
3815270.5 | 326.84263 (05070207) 576.44163 (05022008)
711.46550 (05022008) 359.86073 (05111210) 362.58488
(05081707)
3815195.5 | 351.80017 (05100408) 646.43496 (05022008)
663.66846 (05022008) 539.05965 (05022008) 371.59109
(05062907)
3815120.5 | 551.95033 (05060206) 794.60469 (05060206)
597.58005 (05022008) 625.47457 (05022008) 369.46833
(05111210)
3815045.5 | 650.78032 (05052206) 733.03789 (05060206)
378.38739 (05070207) 520.41996 (05022008) 557.58962
(05022008)
3814970.5 | 1024.65301 (05030424) 1030.00844 (05052206)
794.92767 (05060206) 413.02484 (05060206) 403.94492
(05031509)
3814895.5 | 1329.15242 (05060304) 765.30276 (05030424)
412.72974 (05010218) 404.57934 (05052207) 419.37166
(05070207)
3814820.5 | 2246.83599 (05073103) 1222.79377 (05030501)
650.25997 (05011018) 764.23782 (05010218) 776.93603
(05060206)
3814745.5 | 2393.70427 (05020823) 753.90358 (05063006)
1129.77048 (05030501) 890.42192 (05122620) 847.85392
(05121724)
3814670.5 | 2489.60860 (05012221) 1367.00115 (05031307)
1815.72695 (05031307) 2605.07548 (05030501) 1966.74037
(05030501)
3814595.5 | 1014.00841 (05062806) 1660.20407 (05062806)
3668.95229 (05012221) 3865.35278 (05062005) 3496.08196
(05101923)
3814520.5 | 1581.35858 (05032507) 2276.23187 (05050724)
3704.17780 (05122303) 1911.53050 (05031106) 4293.27017
(05012221)
3814445.5 | 3145.56497 (05030804) 3609.41182 (05030804)
3801.20712 (05042924) 1988.24506 (05032602) 2204.55446
(05081902)
3814370.5 | 1512.17135 (05030701) 1631.53750 (05030803)
1824.46745 (05031001) 2019.77817 (05062202) 2288.61772
(05122721)
3814295.5 | 1514.19064 (05080803) 1645.04677 (05080803)
1805.25261 (05110622) 2028.38657 (05032603) 2259.57861

(05041701)
3814220.5 | 1520.40663 (05122121) 1645.30827 (05051803) 1797.14294 (05051803) 1967.16611 (05051803) 2152.91707 (05051803)
3814145.5 | 1519.91102 (05093001) 1631.61120 (05093001) 1767.32692 (05062401) 1913.71435 (05062401) 2092.61906 (05062401)
3814070.5 | 1517.40101 (05030702) 1639.86286 (05030702) 1748.74173 (05072202) 1875.50791 (05072202) 2001.33484 (05072202)
3813995.5 | 1514.94544 (05073102) 1661.07474 (05073102) 1707.87470 (05073102) 1813.85364 (05122304) 1962.51813 (05122304)
3813920.5 | 1476.68012 (05122304) 1583.00488 (05020519) 1700.11756 (05020519) 1754.55188 (05020519) 1947.22076 (05082604)
3813845.5 | 1408.79753 (05020519) 1556.91667 (05082604) 1735.41588 (05082604) 3789.71035 (05030805) 1953.90251 (05011702)
3813770.5 | 1750.92840 (05121703) 1427.56179 (05121703) 2270.40741 (05030805) 2257.24134 (05062302) 2004.93820 (05030624)
3813695.5 | 1208.69008 (05112218) 179.84973 (05032119) 405.50036 (05032119) 1981.47114 (05041101) 1881.65763 (05123022)
3813620.5 | 965.88179 (05030624) 301.66974 (05032524) 349.26187 (05120310) 463.28245 (05032524) 1104.38545 (05082603)
3813545.5 | 2317.89846 (05041101) 916.21673 (05123022) 463.30444 (05082724) 1983.09279 (05012020) 3329.68198 (05012020)
3813470.5 | 882.35871 (05123022) 1090.90633 (05082724) 521.41457 (05062804) 617.25424 (05010208) 2591.78032 (05010208)
3813395.5 | 367.07098 (05120310) 641.82427 (05062804) 509.41167 (05062804) 2022.85790 (05010208) 1513.74461 (05010208)
3813320.5 | 311.13298 (05062804) 358.72640 (05062804) 758.51690 (05010208) 2799.89100 (05010208) 2262.72347 (05020504)
3813245.5 | 571.63586 (05012020) 1872.71011 (05010208) 1898.52715 (05010208) 1958.86834 (05010208) 2044.03143 (05020504)
3813170.5 | 1070.46120 (05010208) 2210.83648 (05010208) 2137.03940 (05010208) 2519.80354 (05020504) 855.03147 (05020504)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349295.28 349370.28
349445.28 349520.28 349595.28
- -
- -
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3816095.5 | 138.50324 (05111710) 285.87827 (05111710)
293.27957 (05012211) 295.61564 (05011712) 294.70058
(05060707)
3816020.5 | 265.01804 (05111710) 299.69906 (05111710)
297.03791 (05122809) 303.78938 (05011712) 304.87230
(05060707)
3815945.5 | 248.63188 (05052008) 306.61103 (05111710)
306.54499 (05122809) 311.39799 (05020512) 313.11063
(05060707)
3815870.5 | 283.22348 (05052008) 304.83159 (05111710)
312.94364 (05122809) 317.90495 (05020512) 326.03778
(05061206)
3815795.5 | 310.04669 (05052008) 291.70619 (05111710)
319.44708 (05111710) 365.52913 (05060906) 346.17600
(05061206)
3815720.5 | 324.40899 (05052008) 277.08550 (05052008)
331.14587 (05111710) 351.90398 (05060906) 332.79436
(05011712)
3815645.5 | 330.38109 (05102108) 311.75613 (05052008)
330.38937 (05111710) 339.05524 (05122809) 338.61464
(05011712)
3815570.5 | 334.11174 (05011209) 332.50184 (05052008)

317.28274 (05111710)   340.15950 (05122809)   347.07731
(05020512)
 3815495.5 | 336.91730 (05051409)   342.67172 (05052008)
169.91761 (05052008)   349.64413 (05111710)   351.40714
(05020512)
 3815420.5 | 349.69706 (05051409)   352.27867 (05011209)
337.21598 (05052008)   352.47283 (05111710)   355.17545
(05012211)
 3815345.5 | 356.30497 (05122210)   211.63614 (05011209)
221.43889 (05052008)   216.72404 (05122311)   230.30475
(05010410)
 3815270.5 | 363.63778 (05061908)   228.61922 (05080607)
370.31765 (05102108)   214.87353 (05052008)   366.31347
(05111710)
 3815195.5 | 374.06051 (05041708)   372.42108 (05122210)
386.13254 (05011209)   382.52929 (05052008)   385.06650
(05111710)
 3815120.5 | 377.16281 (05062907)   392.96452 (05101210)
405.72596 (05051409)   408.97773 (05052008)   395.16341
(05111710)
 3815045.5 | 401.67190 (05111210)   413.19421 (05081707)
483.83586 (05053106)   428.74387 (05011209)   391.44752
(05052008)
 3814970.5 | 655.99083 (05022008)   551.82239 (05022008)
592.64189 (05053106)   433.93493 (05051409)   432.92859
(05052008)
 3814895.5 | 802.45957 (05022008)   1067.00293 (05022008)
475.27101 (05053106)   467.06240 (05122210)   478.44007
(05102108)
 3814820.5 | 782.35930 (05060206)   1316.66560 (05022008)
854.17242 (05022008)   490.35192 (05041708)   516.07820
(05051409)
 3814745.5 | 1360.46977 (05060206)   1129.27084 (05060206)
572.46850 (05022008)   492.85158 (05062907)   540.48450
(05122210)
 3814670.5 | 2281.63122 (05052206)   1293.64234 (05060206)
830.27124 (05022008)   1026.01873 (05022008)   944.63548
(05053106)
 3814595.5 | 3908.95456 (05091424)   2064.44603 (05060304)
1234.70537 (05060206)   1296.90927 (05022008)   2220.16966
(05022008)
 3814520.5 | 4651.48331 (05040702)   4277.20386 (05051301)
913.26268 (05011018)   863.38464 (05022008)   3281.89589
(05060206)
 3814445.5 | 4851.01340 (05031702)   1784.53801 (05062806)
1171.63553 (05063006)   986.70610 (05063006)   5567.09110
(05052206)
 3814370.5 | 2635.98921 (05032507)   2911.72429 (05032507)
2547.77868 (05062806)   3677.83305 (05031307)   4626.61947
(05033003)
 3814295.5 | 4732.55350 (05051403)   5379.58258 (05062204)
3532.78305 (05032507)   6756.86843 (05030804)   5001.78385

(05081902)
3814220.5 | 2430.04164 (05051803) 2997.52795 (05122421) 6066.64777 (05100303) 4382.08689 (05032601) 5035.05180 (05032603)
3814145.5 | 2288.94938 (05062401) 2595.15703 (05041024) 3201.81655 (05041024) 3843.22083 (05030702) 4742.97227 (05030702)
3814070.5 | 2190.46496 (05073102) 2459.99918 (05073102) 2796.20836 (05122304) 3343.62425 (05020519) 4132.15227 (05082604)
3813995.5 | 2145.41192 (05020519) 2313.48541 (05082604) 2645.90356 (05011702) 2931.53886 (05011702) 3533.68319 (05030624)
3813920.5 | 2096.80967 (05011702) 2116.37785 (05011702) 2488.78035 (05030624) 2788.86542 (05123022) 3093.03793 (05082603)
3813845.5 | 2072.42887 (05030624) 2160.72594 (05030624) 2325.43564 (05082724) 2435.07179 (05082603) 2120.11520 (05010208)
3813770.5 | 2002.30681 (05123022) 2143.27265 (05082724) 2094.52106 (05082603) 1712.91359 (05010208) 1885.78696 (05020504)
3813695.5 | 2044.61056 (05082603) 1926.82235 (05082603) 1525.58597 (05010208) 1515.18077 (05020504) 1980.74403 (05062805)
3813620.5 | 1681.75673 (05082603) 1476.86850 (05010208) 1539.63946 (05010208) 1647.14960 (05062805) 2152.05445 (05062805)
3813545.5 | 3350.92900 (05010208) 1385.05078 (05010208) 3228.89275 (05020504) 4313.60467 (05062303) 2058.60699 (05062805)
3813470.5 | 2227.77110 (05010208) 366.05522 (05020118) 1261.30697 (05062303) 1928.41787 (05062805) 1818.68466 (05062805)
3813395.5 | 3004.96788 (05020504) 3486.67398 (05020504) 846.20206 (05062303) 3213.67833 (05020221) 1504.07037 (05062805)
3813320.5 | 1036.49124 (05020504) 1216.38998 (05062805) 3274.09682 (05020221) 1529.40496 (05062805) 2698.14878 (05031105)
3813245.5 | 2556.19569 (05021005) 1257.30325 (05062805) 1443.89000 (05062805) 1220.03904 (05062805) 1307.18498 (05111802)
3813170.5 | 1030.10186 (05062805) 1259.88614 (05062805) 1225.69029 (05062805) 970.97462 (05062805) 1166.23296 (05111802)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349670.28 349745.28
349820.28 349895.28 349970.28
- -
- -
-

3816095.5 | 297.42588 (05071508) 295.59250 (05012212)
291.64750 (05111811) 301.34836 (05051107) 299.53453
(05081908)
3816020.5 | 305.32410 (05062008) 305.61576 (05012212)
339.68990 (05061106) 337.93397 (05070306) 307.77669
(05013009)
3815945.5 | 315.10461 (05062008) 315.16322 (05012212)
397.80105 (05061106) 454.46190 (05070306) 415.60890
(05102305)
3815870.5 | 388.17113 (05011017) 385.02625 (05011020)
457.89771 (05061106) 567.79973 (05070306) 685.27490
(05102305)
3815795.5 | 407.77952 (05011017) 430.28338 (05011020)
541.62370 (05102519) 749.96781 (05012503) 998.98212
(05102305)
3815720.5 | 335.45327 (05042109) 450.59749 (05011017)
581.68039 (05102519) 898.70756 (05012503) 820.91757
(05102305)
3815645.5 | 368.38825 (05011017) 491.63512 (05011017)
504.19156 (05061106) 561.43532 (05070306) 842.35084
(05102305)
3815570.5 | 367.71822 (05061206) 381.02904 (05061506)

435.95613 (05061106)   539.80614 (05070306)   489.82133
(05060222)
 3815495.5 | 357.58418 (05060707)   356.42834 (05071508)
388.60316 (05061106)   428.43806 (05061106)   361.88845
(05022510)
 3815420.5 | 359.50435 (05041610)   366.99537 (05062008)
373.20216 (05061106)   370.91736 (05051107)   368.98786
(05022510)
 3815345.5 | 262.10005 (05061206)   372.24275 (05062008)
354.70196 (05012212)   372.50850 (05051107)   369.01008
(05022510)
 3815270.5 | 280.96068 (05061206)   310.14550 (05122512)
242.13823 (05012212)   251.14547 (05081008)   250.55204
(05022510)
 3815195.5 | 386.57093 (05020512)   398.05237 (05042109)
381.44111 (05012212)   269.06005 (05051107)   395.70628
(05022510)
 3815120.5 | 283.97066 (05012211)   417.28318 (05060707)
410.46142 (05012212)   400.77006 (05051107)   413.00139
(05022510)
 3815045.5 | 423.03835 (05122809)   427.51359 (05060707)
445.19180 (05012212)   431.17133 (05051107)   436.98813
(05030710)
 3814970.5 | 467.05971 (05060906)   449.30371 (05041610)
479.64172 (05061506)   472.18636 (05101708)   461.29335
(05120811)
 3814895.5 | 508.66036 (05060906)   481.17050 (05011712)
539.22433 (05061506)   571.19503 (05061106)   469.47629
(05120811)
 3814820.5 | 539.75522 (05060906)   613.80671 (05060906)
644.14424 (05061506)   585.06619 (05061106)   476.47253
(05120811)
 3814745.5 | 596.19263 (05052008)   734.23087 (05060906)
816.16680 (05061506)   664.55041 (05061106)   560.73662
(05120811)
 3814670.5 | 751.58236 (05053106)   939.67080 (05060906)
1113.34369 (05011017)   889.72782 (05061106)   699.53005
(05012410)
 3814595.5 | 2158.81411 (05062306)   1335.09721 (05052306)
1475.41272 (05011017)   1055.97829 (05061106)   811.70972
(05012410)
 3814520.5 | 2933.74504 (05050506)   3497.42504 (05062306)
1436.32604 (05060906)   850.29367 (05101708)   818.45692
(05021012)
 3814445.5 | 7519.89747 (05121422)   5300.93859 (05062306)
1841.40385 (05060906)   1292.10649 (05061106)   1449.15877
(05110208)
 3814370.5 | 8355.46109 (05040303)   3246.31083 (05022008)
1320.96684 (05052008)   1826.50368 (05110208)   3372.42834
(05110208)
 3814295.5 | 5432.00287 (05031307)   1839.41000 (05022008)
0.00000 (00000000)   0.00000 (00000000)   0.00000

(00000000)
3814220.5 | 2766.85105 (05032507) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814145.5 | 6705.92051 (05072202) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814070.5 | 4881.42640 (05011702) 8265.92431 (05123022)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3813995.5 | 4177.94742 (05082603) 4365.40486 (05062805)
5635.93711 (05062805) 7301.66724 (05112702) 7892.30217
(05061006)
3813920.5 | 2824.53055 (05082603) 3993.74694 (05062805)
4402.89735 (05111802) 4248.73431 (05120408) 5093.11374
(05020102)
3813845.5 | 2706.88515 (05062805) 3278.78363 (05062805)
3525.51313 (05111802) 3307.59777 (05120408) 3512.22781
(05112702)
3813770.5 | 2615.95078 (05062805) 2528.44169 (05111802)
2836.12394 (05111802) 2710.30556 (05120408) 2895.09154
(05112702)
3813695.5 | 2288.73896 (05062805) 2327.73668 (05111802)
2287.04800 (05111802) 2289.06577 (05120408) 2382.85001
(05112702)
3813620.5 | 1852.87529 (05062805) 2105.49422 (05111802)
1848.48185 (05111802) 1966.43885 (05120408) 1960.30152
(05112702)
3813545.5 | 1577.97146 (05111802) 1916.53440 (05111802)
1648.41759 (05120408) 1719.71659 (05120408) 1646.59141
(05101701)
3813470.5 | 1650.94416 (05111802) 1836.34754 (05111802)
1540.41341 (05120408) 1528.73670 (05120408) 1399.48859
(05101701)
3813395.5 | 1841.09192 (05111802) 1777.33428 (05111802)
1468.77142 (05120408) 1385.65508 (05120408) 1202.84750
(05101701)
3813320.5 | 2321.29514 (05120403) 3565.59471 (05011802)
1543.86526 (05120408) 1367.99050 (05120408) 1102.91765
(05101701)
3813245.5 | 1567.16237 (05111802) 2792.18673 (05011802)
2709.93347 (05021608) 1440.52423 (05120408) 1008.17447
(05101701)
3813170.5 | 1313.89764 (05111802) 1192.91161 (05111802)
2272.06258 (05011804) 3351.46900 (05011804) 1015.35150
(05011923)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350045.28 350120.28
350195.28 350270.28 350345.28
- -
- -
-

3816095.5 | 330.43482 (05060222) 302.88689 (05120811)
388.58166 (05032307) 283.34778 (05012410) 295.41385
(05021012)
3816020.5 | 314.15324 (05060222) 463.94536 (05032307)
572.01991 (05032307) 513.32416 (05111019) 449.02918
(05020721)
3815945.5 | 379.69685 (05060222) 706.20421 (05032307)
755.76703 (05032307) 832.00158 (05071206) 1364.57052
(05122621)
3815870.5 | 695.44781 (05070206) 885.88484 (05032307)
1082.42434 (05032307) 1325.99707 (05071206) 2019.62621
(05111718)
3815795.5 | 1363.97840 (05070206) 1528.17719 (05032307)
1522.52475 (05022401) 1817.86754 (05042201) 2058.97449
(05102705)
3815720.5 | 1051.20797 (05070206) 1815.43819 (05032307)
2144.00294 (05062801) 2221.29692 (05111319) 2183.51097
(05060902)
3815645.5 | 1301.17321 (05070206) 1817.28280 (05032307)
2151.18656 (05090302) 2284.45009 (05111718) 2003.31980
(05060902)
3815570.5 | 1012.76844 (05070206) 1254.77057 (05032307)

950.15658 (05071206) 2363.01553 (05111718) 2381.66701
(05112321)
 3815495.5 | 364.28719 (05120811)   666.92043 (05032307)
355.32149 (05021012)   951.12638 (05020708)   1581.86648
(05060224)
 3815420.5 | 371.86590 (05120811)   368.44099 (05012410)
366.19146 (05021012)   615.56027 (05020708)   830.80148
(05032807)
 3815345.5 | 376.92398 (05030709)   363.68068 (05012410)
366.02282 (05021012)   363.73110 (05060807)   599.67301
(05032807)
 3815270.5 | 266.33188 (05052911)   230.12433 (05050608)
384.74524 (05010609)   383.27145 (05121709)   465.59879
(05032807)
 3815195.5 | 386.38402 (05030709)   258.08125 (05050608)
381.77255 (05060807)   388.77015 (05121709)   390.73406
(05120511)
 3815120.5 | 403.33223 (05012410)   282.85492 (05050608)
392.61047 (05060807)   387.67062 (05072208)   528.92282
(05110208)
 3815045.5 | 418.90434 (05012410)   402.39261 (05010609)
406.58334 (05121709)   421.39610 (05120511)   777.91807
(05110208)
 3814970.5 | 437.85292 (05012410)   333.53490 (05010609)
421.85328 (05121709)   648.71585 (05110208)   1037.91984
(05110208)
 3814895.5 | 369.00212 (05021012)   363.79799 (05060807)
503.18197 (05110208)   943.80486 (05110208)   1230.02295
(05110208)
 3814820.5 | 466.56681 (05021012)   458.99179 (05121709)
805.52049 (05110208)   1218.82168 (05110208)   1265.34139
(05110208)
 3814745.5 | 542.50917 (05010609)   636.07220 (05110208)
1147.07033 (05110208)   1360.76148 (05110208)   1101.76339
(05110208)
 3814670.5 | 657.52685 (05060807)   1011.27430 (05110208)
1408.59978 (05110208)   1276.26710 (05110208)   790.97163
(05110208)
 3814595.5 | 834.40169 (05110208)   1392.62480 (05110208)
1445.17233 (05110208)   975.89569 (05110208)   927.89271
(05120308)
 3814520.5 | 1356.58993 (05110208)   1617.76195 (05110208)
1203.33652 (05110208)   705.12574 (05120308)   1078.05760
(05040407)
 3814445.5 | 1951.38961 (05110208)   1565.17472 (05110208)
867.99980 (05111609)   1148.05710 (05111609)   1323.45706
(05111609)
 3814370.5 | 2337.82821 (05110208)   1644.68925 (05120308)
1595.51770 (05111609)   1512.27521 (05111609)   2918.26470
(05010409)
 3814295.5 | 3331.76570 (05111609)   2274.27851 (05111609)
1817.20564 (05111709)   3086.05330 (05010409)   3274.92316

(05060506)
3814220.5 | 4115.32119 (05053006) 3082.28437 (05111709)
1587.41881 (05111709) 1363.29442 (05053006) 3239.74377
(05021408)
3814145.5 | 6951.00346 (05020808) 5916.73665 (05020808)
1744.67879 (05040307) 2222.21069 (05040307) 1768.45273
(05040307)
3814070.5 | 3736.86880 (05112208) 5971.03624 (05011404)
2186.38534 (05112208) 1631.63748 (05093007) 1728.88377
(05112308)
3813995.5 | 5629.89768 (05120624) 6562.22154 (05032224)
4488.75904 (05111904) 5154.53873 (05022803) 1909.45596
(05112208)
3813920.5 | 4116.59135 (05020404) 4328.36161 (05120601)
6802.41086 (05120701) 1826.74174 (05112108) 1807.45545
(05112208)
3813845.5 | 3524.27432 (05013106) 3485.67533 (05011503)
6013.98723 (05120607) 4848.02862 (05111622) 2762.07471
(05011505)
3813770.5 | 2844.17675 (05013105) 3252.58153 (05121906)
3073.12699 (05112205) 2694.68184 (05011507) 2590.11134
(05120603)
3813695.5 | 3119.96479 (05020102) 2682.60027 (05031504)
2196.76705 (05011607) 2146.59302 (05012004) 2087.77739
(05011507)
3813620.5 | 2019.56770 (05112702) 2018.12336 (05120406)
1918.90921 (05122003) 1837.21310 (05011503) 1834.25648
(05120402)
3813545.5 | 1819.40023 (05112702) 1784.53176 (05122205)
1693.60338 (05031504) 1624.45139 (05020404) 1528.56972
(05012002)
3813470.5 | 1624.14693 (05112702) 1594.99826 (05020102)
1539.65406 (05120406) 1470.38360 (05011605) 1396.38142
(05120605)
3813395.5 | 1442.08087 (05112702) 1388.48246 (05020102)
1398.57573 (05013105) 1331.09036 (05031504) 1281.69238
(05121906)
3813320.5 | 1278.61568 (05112702) 1251.47174 (05112702)
1274.05241 (05122205) 1230.81407 (05013106) 1181.33452
(05011605)
3813245.5 | 1193.34893 (05101701) 1212.15024 (05112702)
1166.81677 (05020102) 1128.66956 (05120406) 1083.26077
(05031504)
3813170.5 | 1179.44361 (05101701) 1154.82051 (05112702)
1054.37162 (05020102) 1053.02617 (05013105) 1014.61316
(05013106)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350420.28 350495.28
350570.28 350645.28 350720.28
- -
- -
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3816095.5 | 531.52199 (05020708) 293.96027 (05060807)
397.45014 (05032807) 270.21633 (05072208) 289.16426
(05120511)
3816020.5 | 569.86780 (05020708) 713.77594 (05060224)
669.38943 (05032807) 415.77358 (05012619) 646.72312
(05050523)
3815945.5 | 1748.36620 (05053104) 1337.61977 (05060224)
1640.30411 (05082003) 1340.56324 (05111001) 1819.92116
(05042705)
3815870.5 | 1905.05052 (05060902) 1965.36690 (05022621)
1906.36268 (05082003) 1752.11421 (05082304) 676.22460
(05080202)
3815795.5 | 1852.37677 (05112321) 752.37899 (05081305)
1495.72707 (05072203) 732.19770 (05083106) 714.33289
(05080202)
3815720.5 | 804.96772 (05081305) 782.86729 (05111217)
787.45382 (05081521) 762.15068 (05080202) 742.28776
(05081523)
3815645.5 | 863.07600 (05081305) 825.84988 (05081521)
820.30733 (05083106) 792.72413 (05080202) 752.91287
(05092804)
3815570.5 | 2342.80728 (05052123) 899.29950 (05081521)

856.82107 (05080202)   843.00388 (05081523)   868.43021
(05110208)
 3815495.5 | 643.29489 (05012619)   2128.27961 (05042705)
1909.21216 (05092124)   981.56760 (05110208)   1008.70706
(05110208)
 3815420.5 | 1657.79138 (05111001)   2462.31010 (05081905)
2347.41810 (05030905)   1136.49042 (05110208)   1112.84906
(05110208)
 3815345.5 | 1014.19614 (05050523)   1216.82736 (05110806)
1642.58602 (05123107)   2232.41851 (05100105)   1568.99662
(05110208)
 3815270.5 | 509.03415 (05061406)   743.26746 (05110208)
977.40194 (05110208)   1982.76702 (05110208)   834.54066
(05110208)
 3815195.5 | 644.85402 (05110208)   945.03725 (05110208)
1061.87179 (05110208)   934.65866 (05110208)   659.74755
(05110208)
 3815120.5 | 878.55606 (05110208)   1090.40391 (05110208)
1033.43582 (05110208)   767.28633 (05110208)   458.95452
(05110208)
 3815045.5 | 1085.23132 (05110208)   1123.19521 (05110208)
886.54737 (05110208)   550.09364 (05110208)   578.38728
(05120308)
 3814970.5 | 1193.22452 (05110208)   1014.36862 (05110208)
659.07451 (05110208)   600.52799 (05120308)   598.31480
(05120308)
 3814895.5 | 1144.30993 (05110208)   787.65821 (05110208)
729.88537 (05120308)   908.72371 (05120308)   790.97195
(05040407)
 3814820.5 | 936.13696 (05110208)   908.43643 (05120308)
1147.03447 (05120308)   1389.83236 (05040407)   2426.76311
(05062606)
 3814745.5 | 638.83695 (05110208)   710.96133 (05120308)
658.42738 (05040407)   820.64831 (05040407)   608.10681
(05111609)
 3814670.5 | 838.21851 (05120308)   661.44286 (05040407)
593.60709 (05111609)   806.74064 (05111609)   1939.31984
(05111609)
 3814595.5 | 1103.38978 (05040407)   1639.03901 (05111609)
1023.61722 (05111609)   2258.64688 (05111609)   3605.36194
(05092105)
 3814520.5 | 2157.00723 (05111609)   2444.30621 (05021308)
2850.11830 (05021308)   2340.38602 (05111409)   1708.09371
(05011124)
 3814445.5 | 1333.25729 (05111609)   2566.92244 (05111409)
4195.76797 (05013123)   2084.58433 (05010409)   1707.59508
(05091923)
 3814370.5 | 2886.80219 (05010409)   1336.40893 (05010409)
2408.19158 (05111709)   3493.60986 (05122907)   2583.70049
(05060806)
 3814295.5 | 5525.44251 (05040502)   4197.49606 (05101507)
2861.26869 (05092707)   3181.65790 (05092707)   2926.22930

(05121707)
3814220.5 | 3026.19219 (05101620) 2590.02358 (05101620) 2289.36275 (05101620) 2065.45818 (05031524) 1296.40755 (05033107)
3814145.5 | 5555.26234 (05112907) 2374.19956 (05092004) 1913.71699 (05092004) 2047.44565 (05121104) 1776.45874 (05121104)
3814070.5 | 2843.33836 (05031423) 2267.51946 (05040205) 1824.87210 (05111720) 1705.56820 (05111720) 1586.20943 (05111720)
3813995.5 | 2740.15239 (05112120) 2094.34420 (05092606) 1895.26568 (05122407) 1589.89793 (05040103) 1394.71326 (05021702)
3813920.5 | 2713.38619 (05011404) 2415.06922 (05030124) 1736.37803 (05101304) 1562.15662 (05112120) 1338.78458 (05100522)
3813845.5 | 3406.31856 (05120108) 4335.43476 (05121404) 2061.72251 (05020223) 1874.50136 (05090404) 1453.55661 (05101304)
3813770.5 | 2202.98789 (05031506) 2094.44721 (05122002) 1924.09569 (05111904) 3877.32974 (05010507) 3393.85269 (05013007)
3813695.5 | 1779.20541 (05120603) 1731.55850 (05032805) 1862.77119 (05120524) 1695.45316 (05032022) 1449.57805 (05111906)
3813620.5 | 1604.38066 (05011507) 1551.18113 (05011824) 1527.29067 (05022507) 1540.03424 (05011505) 1268.79930 (05122002)
3813545.5 | 1452.41526 (05111722) 1489.19522 (05011524) 1321.19545 (05011824) 1528.62699 (05022507) 1180.99094 (05031506)
3813470.5 | 1326.23375 (05112205) 1253.93230 (05120624) 1346.46590 (05011524) 1286.30740 (05011824) 1137.11858 (05022507)
3813395.5 | 1218.57151 (05112002) 1156.58866 (05012004) 1127.89034 (05120624) 1243.77523 (05011524) 1267.84634 (05011824)
3813320.5 | 1130.74786 (05011607) 1080.65499 (05011503) 1031.98843 (05120402) 1094.03714 (05120624) 985.11111 (05011524)
3813245.5 | 1050.80243 (05121906) 1009.05693 (05120605) 962.23953 (05012002) 923.18810 (05120402) 1012.68726 (05120601)
3813170.5 | 979.45361 (05011605) 944.24816 (05020404) 904.18253 (05112002) 865.31046 (05112205) 860.77664 (05120402)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350795.28 350870.28
350945.28 351020.28 351095.28
- -
- -
-

3816095.5 | 1637.55987 (05042705) 741.13990 (05121706)
474.76340 (05052506) 563.88146 (05110208) 1359.46587
(05012522)
3816020.5 | 1048.35693 (05102206) 1680.05103 (05030905)
1031.72454 (05110208) 1661.54155 (05032024) 1308.03283
(05110208)
3815945.5 | 1659.05321 (05091501) 874.62029 (05110208)
1708.89792 (05112922) 1347.99671 (05100105) 828.39817
(05110208)
3815870.5 | 1788.50205 (05030905) 993.55560 (05110208)
1592.20161 (05061905) 845.13302 (05110208) 788.85945
(05110208)
3815795.5 | 740.26852 (05110208) 910.74894 (05110208)
885.16047 (05110208) 971.21454 (05110208) 717.68810
(05110208)
3815720.5 | 821.94308 (05110208) 909.29549 (05110208)
911.27545 (05110208) 772.65976 (05110208) 647.13303
(05110208)
3815645.5 | 854.32123 (05110208) 895.41124 (05110208)
847.14917 (05110208) 697.73160 (05110208) 595.51022
(05021101)
3815570.5 | 902.76596 (05110208) 862.32717 (05110208)

764.93957 (05110208)   667.68987 (05021101)   616.24969
(05021101)
 3815495.5 | 960.15707 (05110208)   827.75233 (05110208)
694.84631 (05021101)   636.12593 (05021101)   591.91778
(05100519)
 3815420.5 | 969.74928 (05110208)   788.61698 (05102703)
701.61812 (05021101)   627.74314 (05100519)   608.37427
(05021519)
 3815345.5 | 921.68120 (05110208)   824.18928 (05021101)
726.84405 (05100519)   694.91817 (05021519)   663.17951
(05021519)
 3815270.5 | 2308.95220 (05020120)   852.02207 (05100519)
859.61602 (05021519)   797.14974 (05021519)   708.65031
(05102324)
 3815195.5 | 1756.03687 (05032323)   2310.44716 (05092503)
1945.97933 (05122503)   899.63126 (05102324)   830.64210
(05112119)
 3815120.5 | 797.79117 (05120308)   923.25117 (05120308)
768.54955 (05120308)   1034.34975 (05040407)   1832.77670
(05032202)
 3815045.5 | 682.56231 (05120308)   706.15750 (05120308)
1082.80466 (05040407)   2464.96930 (05121521)   2359.99100
(05041303)
 3814970.5 | 773.62235 (05040407)   952.66944 (05040407)
834.68722 (05040407)   832.75008 (05062006)   1975.79525
(05032422)
 3814895.5 | 1307.19957 (05040407)   2078.14200 (05062006)
932.61027 (05111609)   1419.94470 (05021206)   2098.33659
(05110807)
 3814820.5 | 2930.65498 (05091405)   2970.63442 (05102002)
2055.37928 (05110807)   1731.28948 (05111609)   2531.19194
(05051103)
 3814745.5 | 2057.78733 (05021206)   2888.96181 (05043002)
1329.64778 (05111609)   2767.47006 (05040501)   2034.33938
(05121708)
 3814670.5 | 2104.08784 (05111609)   3109.41473 (05040501)
2969.90383 (05042302)   1321.28910 (05111409)   1102.09377
(05010409)
 3814595.5 | 3232.60329 (05042302)   1437.95756 (05111409)
2549.79569 (05030904)   2733.28457 (05051905)   1202.66919
(05010409)
 3814520.5 | 1472.75661 (05120323)   1268.51374 (05091923)
1159.49355 (05111709)   1196.00188 (05111709)   1418.42346
(05111709)
 3814445.5 | 3564.00739 (05101423)   1727.32518 (05111709)
1267.43063 (05011707)   1026.59970 (05011707)   1102.58070
(05011707)
 3814370.5 | 1581.30113 (05031523)   1382.93719 (05031523)
1292.40953 (05031523)   1008.18844 (05031523)   1017.16207
(05112603)
 3814295.5 | 1649.50793 (05080804)   1367.99941 (05080804)
1091.95035 (05080804)   995.19255 (05011703)   983.74396

(05011703)
3814220.5 | 2095.61933 (05033107) 1403.62376 (05031524) 1256.75624 (05031524) 1007.08419 (05031524) 917.69410 (05031524)
3814145.5 | 3444.90863 (05040504) 2912.96541 (05032623) 1212.05746 (05121104) 1211.69143 (05121104) 935.01984 (05121104)
3814070.5 | 1446.99883 (05111404) 1485.04041 (05111404) 1395.04063 (05111404) 1239.07188 (05111404) 946.68541 (05111404)
3813995.5 | 1350.33537 (05031423) 1167.64262 (05031423) 1080.28239 (05040205) 1088.80278 (05111720) 979.60019 (05111720)
3813920.5 | 1218.10500 (05092606) 1120.59298 (05122407) 1031.02001 (05040103) 956.01465 (05021702) 883.86202 (05021702)
3813845.5 | 1250.28164 (05112120) 1090.79047 (05112120) 1003.40684 (05100522) 927.27861 (05092606) 864.39690 (05122407)
3813770.5 | 1306.40280 (05090404) 1218.39904 (05030124) 1084.27463 (05101304) 905.99571 (05112120) 842.73523 (05112120)
3813695.5 | 1136.72495 (05120401) 1033.86593 (05020223) 958.79971 (05011404) 882.72560 (05030124) 824.89094 (05101304)
3813620.5 | 1057.62661 (05111904) 979.08232 (05111906) 916.05688 (05120401) 852.86601 (05020223) 803.41193 (05011404)
3813545.5 | 1010.57853 (05120524) 940.86922 (05032022) 871.03743 (05111904) 828.09852 (05111906) 778.71095 (05120401)
3813470.5 | 986.90919 (05032805) 901.68370 (05011505) 846.38991 (05122002) 797.61396 (05111904) 736.61600 (05111906)
3813395.5 | 939.74121 (05040203) 857.27791 (05032805) 812.46870 (05031506) 768.91936 (05120524) 727.03240 (05032022)
3813320.5 | 899.28067 (05013002) 821.42270 (05040203) 777.21641 (05031104) 739.87999 (05031506) 700.85867 (05120524)
3813245.5 | 838.20500 (05011524) 783.92974 (05013002) 744.29974 (05120603) 708.79754 (05022507) 674.81020 (05032805)
3813170.5 | 808.66247 (05120601) 747.60062 (05011524) 713.62905 (05013002) 681.52107 (05120603) 651.38095 (05022507)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
350508.88	3814829.88	959.36885	(05120308)
350283.70	3815266.49	408.27944	(05032807)
350539.82	3814604.70	895.42146	(05111609)
350467.63	3814245.45	2753.80669	(05080804)
350008.68	3813941.20	4747.94374	(05011605)
350147.91	3813936.04	4134.43162	(05013002)
350557.01	3814453.44	4146.06668	(05042604)
349200.78	3815251.02	363.86987	(05062907)
349173.28	3815257.89	360.15553	(05111210)
348862.58	3814174.11	1435.66602	(05092224)
348862.58	3815183.55	334.40791	(05052207)
350494.71	3815179.68	980.73292	(05110208)
350486.97	3814363.62	1327.81872	(05010409)
350216.24	3814363.62	1618.10349	(05111609)
350216.24	3814193.45	1492.01904	(05053006)
349991.92	3813969.12	6048.80024	(05031504)
349794.67	3813961.39	4867.34463	(05062805)
349597.42	3814065.81	4098.51981	(05082604)
349121.71	3814085.15	1838.22050	(05030702)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348170.28 348245.28
348320.28 348395.28 348470.28
- -
- -
-

3816095.5 | 113.30486 (05051622) 157.48505 (05100408)
136.68134 (05022206) 136.93797 (05111210) 156.65858
(05031509)
3816020.5 | 143.03653 (05072023) 141.88788 (05030519)
155.62502 (05100408) 121.14966 (05022206) 153.86615
(05030513)
3815945.5 | 154.40913 (05101601) 160.89399 (05072023)
141.41270 (05051622) 149.73172 (05100408) 133.79290
(05070207)
3815870.5 | 175.55661 (05021223) 168.83130 (05031305)
167.92104 (05072023) 151.28533 (05022008) 149.98255
(05100408)
3815795.5 | 178.62886 (05092021) 187.93438 (05101601)
185.23928 (05050802) 182.52802 (05072023) 175.68718
(05022008)
3815720.5 | 176.09357 (05052206) 192.67204 (05092021)
190.64807 (05101601) 158.79339 (05101601) 162.69508
(05030519)
3815645.5 | 201.97762 (05030424) 195.91121 (05121724)
196.58126 (05092021) 171.42681 (05101601) 171.11385
(05101601)
3815570.5 | 190.54224 (05102521) 219.48619 (05052207)

206.36755 (05121724)   165.23058 (05070207)   188.85958
(05101601)
 3815495.5 | 180.07107 (05022001)   262.93896 (05110709)
216.74915 (05052207)   150.96909 (05031311)   227.84322
(05092021)
 3815420.5 | 248.41331 (05123119)   270.76583 (05060304)
219.35380 (05021920)   164.29865 (05010219)   279.94255
(05052207)
 3815345.5 | 295.66476 (05030501)   310.26428 (05030521)
214.40705 (05102521)   164.59508 (05022001)   365.94160
(05073106)
 3815270.5 | 379.47740 (05032421)   383.39915 (05022004)
237.86897 (05050101)   230.02423 (05050101)   436.97016
(05042403)
 3815195.5 | 426.64774 (05050723)   395.93107 (05052121)
288.90819 (05050723)   249.46297 (05031311)   559.20258
(05123119)
 3815120.5 | 531.96668 (05081006)   482.96968 (05060522)
334.44044 (05031307)   238.43960 (05060302)   396.11169
(05030521)
 3815045.5 | 639.75552 (05010424)   578.31100 (05091224)
511.45985 (05063006)   336.42206 (05060522)   342.39829
(05022003)
 3814970.5 | 690.04879 (05122722)   506.69746 (05062124)
339.66796 (05062806)   299.42617 (05021321)   319.27768
(05060522)
 3814895.5 | 293.75450 (05102207)   248.90608 (05071806)
217.05415 (05102502)   240.97598 (05102502)   291.52506
(05010424)
 3814820.5 | 317.33288 (05050724)   374.63895 (05102523)
260.04837 (05060602)   346.66809 (05041923)   415.00304
(05123120)
 3814745.5 | 703.67922 (05102207)   986.80380 (05040302)
534.13779 (05050119)   778.63761 (05062704)   822.62734
(05102207)
 3814670.5 | 1392.79628 (05090102)   1600.18128 (05110118)
1351.29659 (05042924)   1070.92412 (05102523)   1566.66938
(05010206)
 3814595.5 | 1442.05975 (05090401)   1477.20242 (05062202)
1467.31109 (05101222)   1707.31674 (05082702)   1945.00756
(05110118)
 3814520.5 | 1457.94910 (05030701)   1461.35925 (05062201)
1366.48191 (05062201)   1361.66697 (05040221)   944.84319
(05101201)
 3814445.5 | 1448.56577 (05032603)   1443.90291 (05032603)
1374.47615 (05041701)   1364.53218 (05072602)   955.74327
(05052001)
 3814370.5 | 1361.15600 (05032601)   1586.82953 (05051403)
1721.69133 (05051403)   1595.67490 (05041424)   967.56845
(05112522)
 3814295.5 | 412.22877 (05051803)   949.03519 (05091920)
1520.81429 (05101123)   1734.37970 (05110423)   1873.63042

(05110423)
3814220.5 | 255.32830 (05122418) 810.52002 (05122121) 1437.25733 (05110123) 1301.64575 (05012320) 1591.82248 (05012320)
3814145.5 | 430.72772 (05012320) 662.21276 (05090724) 416.71115 (05122305) 266.56451 (05122310) 373.07066 (05122305)
3814070.5 | 492.45360 (05012119) 183.15193 (05102423) 117.00919 (05021513) 120.51077 (05120410) 338.19993 (05062401)
3813995.5 | 127.13805 (05082602) 90.29711 (05123013) 87.79708 (05020203) 110.30771 (05123013) 192.15913 (05030702)
3813920.5 | 308.15431 (05021011) 171.84309 (05051802) 106.37719 (05120409) 80.22820 (05112708) 106.18119 (05060407)
3813845.5 | 820.99108 (05072202) 500.44576 (05073005) 132.27476 (05122304) 71.80113 (05120417) 87.54363 (05112708)
3813770.5 | 1257.47156 (05122120) 1156.37810 (05073102) 595.76626 (05073102) 148.81472 (05020519) 190.78545 (05010622)
3813695.5 | 1048.43131 (05061924) 739.12616 (05061924) 282.88814 (05120417) 255.59073 (05122304) 320.52098 (05122304)
3813620.5 | 728.92676 (05011219) 838.42576 (05011702) 449.29857 (05122304) 153.01527 (05020218) 263.59175 (05010622)
3813545.5 | 572.97771 (05122304) 255.91898 (05121005) 136.57448 (05030805) 145.94897 (05121005) 341.37035 (05032119)
3813470.5 | 331.73765 (05062302) 126.00714 (05121005) 275.68123 (05032119) 406.88115 (05032119) 318.34324 (05030624)
3813395.5 | 446.38740 (05032119) 549.52518 (05032119) 775.87948 (05032119) 922.91824 (05032119) 833.02027 (05041101)
3813320.5 | 426.85550 (05032119) 436.64280 (05082604) 777.93750 (05031420) 731.86965 (05031420) 753.20830 (05030805)
3813245.5 | 663.30440 (05031420) 655.52168 (05031420) 733.61369 (05123022) 387.75610 (05112218) 137.15457 (05082724)
3813170.5 | 534.77559 (05123022) 466.82598 (05112218) 175.58818 (05082724) 106.78747 (05123012) 99.17597 (05020123)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348545.28 348620.28
348695.28 348770.28 348845.28
- -
- -
-

3816095.5 | 115.98588 (05020619) 120.03190 (05120218)
114.02623 (05022410) 203.86069 (05062907) 219.84966
(05081707)
3816020.5 | 146.50336 (05031509) 127.35831 (05022008)
119.92522 (05102503) 187.45746 (05061908) 222.10138
(05122210)
3815945.5 | 146.42981 (05030513) 148.26294 (05041823)
124.58857 (05102503) 144.14546 (05080907) 208.56711
(05122615)
3815870.5 | 142.48295 (05022206) 172.23770 (05091102)
152.95658 (05081707) 153.76321 (05102503) 185.41291
(05061908)
3815795.5 | 173.09202 (05022206) 180.74418 (05101524)
189.44191 (05031509) 167.83350 (05020619) 168.77594
(05030402)
3815720.5 | 227.06448 (05022121) 189.34755 (05022206)
193.57155 (05101524) 189.92617 (05091102) 168.61460
(05020619)
3815645.5 | 243.63074 (05031509) 224.26228 (05022121)
207.62703 (05022206) 204.73919 (05091102) 178.86308
(05041823)
3815570.5 | 306.79761 (05101807) 256.62465 (05030306)

215.35029 (05100408)   166.47160 (05022206)   200.83279
(05062907)
 3815495.5 | 286.95387 (05050802)   213.08359 (05030519)
169.80826 (05072023)   194.07097 (05022008)   179.68510
(05022410)
 3815420.5 | 270.54649 (05060206)   204.52050 (05092021)
169.81989 (05022821)   199.29106 (05022008)   207.18495
(05100408)
 3815345.5 | 276.03762 (05052206)   217.80623 (05060205)
251.02387 (05022523)   214.77277 (05030519)   175.93474
(05051622)
 3815270.5 | 320.86697 (05073106)   234.21804 (05121724)
184.13870 (05022205)   160.61861 (05051623)   205.96691
(05072023)
 3815195.5 | 492.77808 (05102501)   323.12218 (05021920)
212.63960 (05010219)   177.25263 (05123123)   252.34304
(05092021)
 3815120.5 | 799.01936 (05030521)   448.95237 (05010703)
325.62896 (05122620)   223.44440 (05051706)   282.33540
(05022523)
 3815045.5 | 1045.57398 (05022004)   802.44749 (05072106)
549.49466 (05102521)   292.15112 (05021920)   345.21567
(05031107)
 3814970.5 | 887.20875 (05060524)   1216.25436 (05040702)
644.40520 (05022004)   342.50926 (05091101)   329.10371
(05022001)
 3814895.5 | 604.00449 (05021321)   2028.85658 (05060524)
1653.58397 (05031307)   783.88241 (05050723)   517.68225
(05072106)
 3814820.5 | 479.03764 (05022321)   2029.02926 (05012018)
2144.30936 (05012221)   826.45688 (05060522)   1343.04857
(05051301)
 3814745.5 | 664.44348 (05010206)   2090.14451 (05122722)
2334.42292 (05012221)   2186.67485 (05012018)   2406.34747
(05012221)
 3814670.5 | 1957.67554 (05050724)   2359.43608 (05042924)
2449.29592 (05050724)   2751.33823 (05010619)   2835.46762
(05012221)
 3814595.5 | 1930.66453 (05031006)   2109.13912 (05111321)
2111.68922 (05111321)   2572.60342 (05050724)   2738.75359
(05111002)
 3814520.5 | 1006.32825 (05110422)   1072.68308 (05092523)
1151.29114 (05110422)   2071.44072 (05110118)   956.75949
(05010217)
 3814445.5 | 1019.22677 (05062201)   1094.06705 (05110624)
1178.25050 (05062201)   1997.26599 (05102107)   2415.54695
(05051403)
 3814370.5 | 1026.74856 (05051123)   1090.95020 (05123108)
1184.26542 (05123019)   1270.78582 (05091902)   1397.23248
(05110624)
 3814295.5 | 1808.36081 (05010205)   1088.88303 (05051123)
1185.83436 (05051123)   1290.33370 (05051123)   1398.47076

(05072103)
3814220.5 | 1800.32025 (05122305) 1069.51438 (05122301) 1160.89091 (05122301) 1252.45756 (05122301) 1349.78005 (05092224)
3814145.5 | 1566.79512 (05060724) 1832.94300 (05062401) 1137.75159 (05122305) 1226.69778 (05122305) 1317.31666 (05122305)
3814070.5 | 1636.23611 (05041024) 1922.40715 (05041301) 2067.20064 (05051802) 1233.63528 (05062401) 1319.91871 (05021923)
3813995.5 | 866.33591 (05030702) 1032.34763 (05051802) 1501.99252 (05021923) 1881.09379 (05061821) 1134.65139 (05122304)
3813920.5 | 350.18372 (05021923) 251.24969 (05072202) 561.76333 (05061924) 1753.34851 (05122120) 974.85080 (05010622)
3813845.5 | 88.99009 (05112708) 109.76104 (05091608) 204.64894 (05010622) 441.35909 (05121005) 909.32389 (05010622)
3813770.5 | 129.68852 (05091608) 152.78488 (05020218) 200.64663 (05122120) 550.47658 (05122304) 821.01256 (05030805)
3813695.5 | 292.95562 (05073005) 382.58933 (05073005) 510.37612 (05062302) 949.72137 (05020519) 1217.41727 (05112219)
3813620.5 | 578.41256 (05020519) 619.25679 (05032119) 1093.41556 (05112219) 1315.10898 (05031420) 1357.22169 (05031420)
3813545.5 | 685.60574 (05032119) 696.36228 (05030624) 1204.39563 (05041101) 1044.43214 (05031420) 936.60619 (05030805)
3813470.5 | 191.00638 (05112219) 169.31357 (05041101) 935.80859 (05123022) 482.95456 (05082724) 283.69916 (05082603)
3813395.5 | 214.00160 (05030805) 168.27380 (05031420) 407.37532 (05032119) 247.46979 (05112219) 149.48536 (05022224)
3813320.5 | 397.75324 (05082724) 130.22239 (05082603) 118.68588 (05020123) 147.43487 (05022224) 88.67777 (05022302)
3813245.5 | 127.22825 (05082603) 104.62677 (05020123) 68.67909 (05062804) 77.98555 (05020123) 93.11499 (05022302)
3813170.5 | 177.45049 (05062804) 81.60326 (05020108) 69.24834 (05092822) 85.58714 (05022302) 123.75054 (05082724)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348920.28 348995.28
349070.28 349145.28 349220.28
- -
- -
-

3816095.5 | 115.89706 (05101210) 199.78549 (05122412)
111.01320 (05052906) 115.10998 (05122603) 104.14089
(05080708)
3816020.5 | 114.64454 (05050701) 214.10825 (05011209)
119.19646 (05011022) 135.85390 (05121803) 107.36376
(05090510)
3815945.5 | 241.42013 (05081707) 249.07574 (05101210)
207.49750 (05122412) 149.23684 (05041824) 123.58296
(05042419)
3815870.5 | 228.75874 (05122210) 229.67931 (05051409)
233.89432 (05011209) 168.85727 (05061908) 156.92012
(05121803)
3815795.5 | 221.49743 (05111210) 268.98243 (05053106)
267.37313 (05101210) 222.88912 (05122412) 173.95656
(05032419)
3815720.5 | 181.39362 (05061908) 251.42017 (05122615)
279.61210 (05041708) 256.54685 (05090409) 201.83945
(05041824)
3815645.5 | 173.48382 (05102503) 246.46776 (05053106)
284.32993 (05122210) 286.49261 (05122615) 234.50792
(05061908)
3815570.5 | 190.82484 (05050807) 202.01859 (05030402)

276.94438 (05062907)   302.87983 (05041708)   278.01948
(05090409)
 3815495.5 | 221.04867 (05031509)   198.34451 (05030402)
273.99162 (05101210)   293.48779 (05122615)   300.42708
(05122615)
 3815420.5 | 216.05137 (05022410)   227.39357 (05091102)
301.24247 (05081707)   284.70665 (05080907)   318.31016
(05122615)
 3815345.5 | 207.92989 (05100408)   260.13693 (05111210)
292.47585 (05030402)   220.90606 (05061908)   294.71814
(05122210)
 3815270.5 | 284.35068 (05022008)   265.96086 (05102706)
354.64957 (05121805)   240.26656 (05030402)   283.18573
(05061908)
 3815195.5 | 270.03922 (05110710)   449.53549 (05040803)
301.12365 (05042404)   283.40559 (05091102)   236.30809
(05102503)
 3815120.5 | 368.79879 (05021223)   532.79815 (05022007)
347.22057 (05030306)   289.86422 (05101524)   269.16400
(05081707)
 3815045.5 | 543.41116 (05021302)   525.82656 (05051624)
291.63149 (05030519)   316.84041 (05100408)   303.90884
(05030513)
 3814970.5 | 940.87665 (05010218)   782.36698 (05060301)
571.04938 (05051624)   343.14778 (05030513)   319.59321
(05100408)
 3814895.5 | 1121.25594 (05102501)   666.62282 (05060304)
369.64811 (05051706)   331.28290 (05092021)   334.18233
(05050807)
 3814820.5 | 2151.18806 (05101923)   1039.57391 (05032421)
519.14930 (05102501)   695.52328 (05060205)   519.23134
(05010218)
 3814745.5 | 2309.53495 (05100304)   621.07294 (05021321)
971.24260 (05030521)   779.81689 (05030501)   781.10758
(05102521)
 3814670.5 | 2323.85516 (05010619)   1135.75963 (05063006)
1573.11179 (05101923)   2442.38171 (05012321)   1645.39387
(05102501)
 3814595.5 | 770.53731 (05102207)   1227.97938 (05010424)
3496.17782 (05062005)   3781.02623 (05042206)   3356.95053
(05060524)
 3814520.5 | 1232.34670 (05102520)   2009.10743 (05102819)
3492.19980 (05122722)   1903.55342 (05062124)   4140.96054
(05010621)
 3814445.5 | 2649.28732 (05102819)   3286.22399 (05102107)
3658.84402 (05040302)   1979.18073 (05053022)   2199.29210
(05101102)
 3814370.5 | 1497.52316 (05062201)   1617.62370 (05062624)
1811.57461 (05090401)   2015.68471 (05012019)   2272.61598
(05110422)
 3814295.5 | 1506.39901 (05041523)   1642.27133 (05110623)
1791.78811 (05100923)   2004.84245 (05052001)   2243.61671

(05091902)
3814220.5 | 1453.22280 (05092224) 1579.33472 (05122421) 1742.76304 (05110521) 1923.54064 (05091920) 2126.20745 (05091920)
3814145.5 | 1414.55921 (05012320) 1516.27063 (05012320) 1639.67229 (05012320) 1794.16124 (05030702) 1996.12525 (05030702)
3814070.5 | 1438.86979 (05021923) 1543.16103 (05041301) 1608.43839 (05041024) 1737.12897 (05073102) 1832.82053 (05082602)
3813995.5 | 1277.12741 (05030702) 1345.09571 (05021923) 1314.07839 (05021923) 1307.11627 (05010622) 1446.71576 (05072202)
3813920.5 | 1008.05610 (05011219) 1117.12731 (05011702) 1177.79922 (05010622) 1215.83431 (05121703) 1294.52234 (05030805)
3813845.5 | 934.97960 (05121703) 969.19893 (05030805) 1181.74896 (05030805) 1812.76236 (05030624) 1445.67927 (05121703)
3813770.5 | 633.46569 (05020519) 659.94016 (05032119) 1381.39725 (05030624) 1410.39318 (05032119) 1351.63025 (05032119)
3813695.5 | 752.94476 (05030624) 104.11470 (05020218) 189.72274 (05020124) 1015.85963 (05032119) 1227.01484 (05012020)
3813620.5 | 664.40919 (05030805) 171.11274 (05020124) 151.99226 (05123022) 246.69320 (05022224) 567.23909 (05100518)
3813545.5 | 860.88349 (05082603) 437.87477 (05012020) 233.64680 (05022224) 739.81745 (05032524) 801.15531 (05112219)
3813470.5 | 436.30047 (05030624) 520.50164 (05012622) 227.66558 (05032524) 260.83073 (05120310) 382.42789 (05021005)
3813395.5 | 125.00649 (05020202) 239.26540 (05123022) 225.85359 (05120310) 307.92246 (05020118) 206.14854 (05062303)
3813320.5 | 101.93725 (05020108) 152.66443 (05082724) 138.46651 (05012622) 371.44298 (05020118) 519.76186 (05122319)
3813245.5 | 201.77747 (05022224) 229.53117 (05100518) 140.85034 (05022224) 100.14480 (05022224) 217.17767 (05062805)
3813170.5 | 161.44904 (05022224) 148.62917 (05062303) 378.26256 (05100624) 245.13763 (05010106) 462.29215 (05082504)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349295.28 349370.28
349445.28 349520.28 349595.28
- -
- -
-

3816095.5 | 105.46334 (05121811) 161.87499 (05011712)
213.42431 (05122311) 209.16732 (05010410) 230.65756
(05102411)
3816020.5 | 137.60403 (05091105) 156.08228 (05050820)
207.03854 (05060906) 227.70361 (05061206) 228.95785
(05020512)
3815945.5 | 153.41215 (05122809) 169.00428 (05020512)
222.42342 (05060906) 246.39550 (05060707) 256.81696
(05020512)
3815870.5 | 159.57056 (05102318) 178.72737 (05041902)
213.85930 (05050820) 238.96695 (05061206) 256.82762
(05062008)
3815795.5 | 165.98430 (05091105) 168.11554 (05091105)
219.84135 (05050820) 263.66698 (05061206) 288.22340
(05110923)
3815720.5 | 182.73605 (05121803) 188.74238 (05090409)
219.19925 (05041902) 278.80305 (05122311) 266.93106
(05060906)
3815645.5 | 192.83849 (05032419) 187.14148 (05102318)
195.24275 (05041902) 267.25195 (05011712) 278.30124
(05060906)
3815570.5 | 176.39730 (05080907) 194.21469 (05080607)

181.35060 (05012117)   243.98050 (05011712)   284.68949
(05060707)
 3815495.5 | 240.61926 (05061908)   187.19206 (05121803)
147.68484 (05102108)   215.21420 (05011712)   268.69131
(05111710)
 3815420.5 | 302.68399 (05090409)   201.07003 (05032419)
183.61272 (05051409)   184.57642 (05041902)   283.27763
(05041610)
 3815345.5 | 317.29200 (05122615)   172.12965 (05052906)
153.45864 (05042419)   149.57520 (05102108)   181.14637
(05092018)
 3815270.5 | 321.27690 (05081707)   199.44026 (05061908)
210.00845 (05032419)   168.10073 (05122603)   235.19613
(05041610)
 3815195.5 | 311.87073 (05122615)   335.22192 (05122615)
273.07883 (05061908)   249.78743 (05080607)   250.80306
(05011712)
 3815120.5 | 279.62232 (05061908)   357.55849 (05122615)
357.48047 (05080907)   272.47258 (05121803)   266.85753
(05020512)
 3815045.5 | 285.29370 (05031508)   364.91574 (05080907)
398.96467 (05080607)   308.23843 (05041824)   314.27306
(05010410)
 3814970.5 | 337.18653 (05091102)   401.46826 (05030402)
416.24130 (05122210)   385.11060 (05122412)   333.37757
(05080607)
 3814895.5 | 380.31806 (05102706)   619.97061 (05020621)
421.15167 (05101210)   430.67687 (05122615)   349.69952
(05032419)
 3814820.5 | 540.81494 (05022121)   721.11480 (05020621)
453.08675 (05091102)   443.96690 (05122615)   464.50671
(05122412)
 3814745.5 | 994.42191 (05050802)   812.56871 (05022121)
431.54165 (05022410)   401.46531 (05061908)   512.08654
(05041708)
 3814670.5 | 2013.02083 (05112424)   938.15473 (05050802)
513.34536 (05050807)   523.02887 (05091102)   670.35669
(05102522)
 3814595.5 | 3867.82614 (05110401)   1871.78441 (05011018)
890.85842 (05050802)   694.30341 (05051624)   1513.06860
(05102522)
 3814520.5 | 4609.18277 (05071403)   4197.78101 (05071104)
833.54222 (05070706)   689.03617 (05022205)   2641.89643
(05010917)
 3814445.5 | 4800.76936 (05111618)   1582.81572 (05022003)
954.90226 (05042405)   889.77522 (05102521)   5495.71218
(05042921)
 3814370.5 | 1906.43486 (05102207)   2328.25252 (05102819)
2096.98927 (05052706)   3087.87282 (05092301)   4609.23860
(05081605)
 3814295.5 | 4183.41803 (05082702)   4909.11835 (05082702)
2663.39154 (05122317)   6652.53902 (05102819)   5000.21708

(05113020)
3814220.5 | 2396.97773 (05032601) 2975.03666 (05041523) 5869.48578 (05123021) 4359.46857 (05072103) 5027.87195 (05100923)
3814145.5 | 2216.91050 (05051802) 2548.65223 (05051802) 3141.58376 (05093001) 3766.34792 (05072202) 4638.33760 (05060724)
3814070.5 | 2014.32455 (05073005) 2155.54020 (05030702) 2326.08823 (05021923) 2795.63815 (05072202) 3448.95520 (05030624)
3813995.5 | 1542.43400 (05010622) 1698.25516 (05121703) 1998.13823 (05121703) 2352.88908 (05062302) 2858.05450 (05041101)
3813920.5 | 1455.29011 (05031420) 1633.19827 (05062302) 1871.41241 (05062302) 1972.26694 (05062302) 2194.23785 (05010208)
3813845.5 | 1481.40566 (05031420) 1496.96302 (05032524) 1610.92643 (05062804) 1622.40237 (05041101) 1688.01584 (05082502)
3813770.5 | 1268.67378 (05062302) 1411.18174 (05032524) 1218.32278 (05032524) 1222.80039 (05062303) 1398.58735 (05082504)
3813695.5 | 1258.07053 (05032524) 1050.76585 (05032524) 953.54289 (05062303) 1045.95572 (05100624) 1353.32704 (05122323)
3813620.5 | 865.11985 (05032524) 979.28660 (05082504) 934.69721 (05100624) 1067.58869 (05101424) 1381.97816 (05020504)
3813545.5 | 921.17911 (05021005) 236.71892 (05012622) 707.69841 (05122323) 2750.19345 (05062805) 1076.03621 (05020504)
3813470.5 | 333.11654 (05062804) 83.86038 (05022224) 422.37999 (05122323) 1169.42609 (05020504) 1033.02793 (05062303)
3813395.5 | 562.12213 (05082504) 823.53684 (05031105) 444.84603 (05031105) 1164.29156 (05020504) 958.51858 (05012101)
3813320.5 | 595.02568 (05100624) 732.83168 (05122323) 1946.15634 (05020504) 764.50403 (05021005) 1720.59474 (05111802)
3813245.5 | 902.58727 (05031105) 766.88561 (05122323) 656.63360 (05020504) 607.50828 (05012101) 864.68586 (05011802)
3813170.5 | 600.68797 (05122323) 657.62241 (05020504) 546.65729 (05031419) 630.73021 (05012101) 659.81476 (05122323)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349670.28 349745.28
349820.28 349895.28 349970.28
- -
- -
-

3816095.5 | 253.53340 (05122512) 221.58259 (05061506)
223.14935 (05101708) 271.68121 (05081908) 279.36092
(05022510)
3816020.5 | 258.81116 (05060707) 250.90110 (05113009)
237.20753 (05102519) 306.96270 (05122413) 286.09567
(05080707)
3815945.5 | 278.15594 (05012212) 267.39644 (05062008)
277.57319 (05031710) 326.33248 (05102519) 320.59692
(05013009)
3815870.5 | 315.18691 (05110924) 325.30113 (05021309)
364.81672 (05032223) 422.85311 (05102519) 527.18927
(05060222)
3815795.5 | 330.85781 (05042109) 345.46254 (05061106)
439.60000 (05070306) 618.75336 (05030323) 741.87218
(05110324)
3815720.5 | 284.15050 (05061206) 352.02005 (05061106)
471.95165 (05030323) 721.72004 (05030323) 646.71962
(05102204)
3815645.5 | 322.81911 (05061506) 373.18129 (05110924)
381.81511 (05011020) 426.19668 (05030323) 691.98119
(05070206)
3815570.5 | 318.53306 (05011712) 343.86001 (05113009)

300.63254 (05102418)   387.76884 (05032223)   400.94437
(05031518)
 3815495.5 | 308.91767 (05020512)   315.74889 (05122512)
301.36265 (05081008)   362.71748 (05101708)   314.28570
(05122413)
 3815420.5 | 294.20905 (05012211)   325.35979 (05060707)
306.14763 (05051107)   351.89918 (05081908)   314.21769
(05122413)
 3815345.5 | 186.83752 (05092307)   343.12372 (05060707)
304.88576 (05031710)   354.95945 (05081908)   311.89974
(05122810)
 3815270.5 | 216.10717 (05122809)   241.00019 (05102411)
207.51417 (05092307)   240.73376 (05081908)   221.55941
(05120811)
 3815195.5 | 302.11322 (05061206)   345.23146 (05012212)
331.83566 (05113009)   259.51565 (05081908)   364.17958
(05060510)
 3815120.5 | 248.66439 (05111710)   379.69054 (05102411)
363.38501 (05111811)   388.52024 (05081908)   395.12385
(05122312)
 3815045.5 | 351.97135 (05060906)   391.65095 (05020512)
413.14656 (05113009)   420.20008 (05111811)   410.92269
(05122312)
 3814970.5 | 374.71806 (05011712)   400.87074 (05062008)
452.08600 (05113009)   462.59483 (05081908)   424.10417
(05112910)
 3814895.5 | 408.84971 (05050820)   447.31282 (05122809)
498.57981 (05113009)   506.95041 (05081908)   421.27106
(05101009)
 3814820.5 | 482.77206 (05122603)   517.94603 (05041610)
557.67738 (05102411)   546.04893 (05081908)   435.69193
(05022510)
 3814745.5 | 527.71842 (05032419)   593.02260 (05020512)
631.18289 (05113009)   606.33879 (05081008)   502.68896
(05022510)
 3814670.5 | 630.19068 (05122210)   695.40189 (05122311)
936.83401 (05070506)   710.43532 (05111811)   634.94048
(05021012)
 3814595.5 | 1782.57616 (05021218)   1244.22359 (05021904)
1313.14246 (05121722)   847.54400 (05031710)   755.13771
(05122810)
 3814520.5 | 2464.49595 (05022422)   2970.32279 (05122619)
1189.82853 (05102205)   844.14030 (05112910)   789.24837
(05012410)
 3814445.5 | 7504.01479 (05091201)   4766.04486 (05042922)
1592.02868 (05030322)   1239.04313 (05051107)   1011.30884
(05120211)
 3814370.5 | 8243.87552 (05092101)   2070.59372 (05090922)
1282.93137 (05122809)   1611.39493 (05080707)   1587.48102
(05042508)
 3814295.5 | 4800.98073 (05032507)   1556.71494 (05100408)
0.00000 (00000000)   0.00000 (00000000)   0.00000

(00000000)
3814220.5 | 2003.68208 (05010803) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814145.5 | 6523.14469 (05062401) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814070.5 | 4258.51179 (05073005) 7829.40890 (05122319)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3813995.5 | 3215.77793 (05082502) 4235.56631 (05040123)
5288.39667 (05092201) 6789.46412 (05020304) 7624.57538
(05010105)
3813920.5 | 2519.68433 (05082502) 3236.73493 (05122323)
3502.72990 (05082504) 3660.71764 (05082504) 4899.59225
(05011708)
3813845.5 | 2026.07650 (05101424) 2380.17645 (05021005)
2490.88270 (05100624) 2562.26484 (05082502) 3109.73306
(05011708)
3813770.5 | 1899.49900 (05020504) 1998.07108 (05120403)
1868.90229 (05082502) 1905.79337 (05082502) 2314.09244
(05120903)
3813695.5 | 1439.18143 (05111802) 1660.22966 (05122323)
1515.49751 (05011923) 1517.53055 (05120903) 1857.21771
(05020102)
3813620.5 | 1163.82576 (05012101) 1258.18402 (05122323)
1295.71330 (05011923) 1188.87299 (05082502) 1540.26724
(05030420)
3813545.5 | 1157.25346 (05012101) 957.39748 (05101424)
1129.73540 (05011923) 978.96764 (05082502) 1283.34853
(05030420)
3813470.5 | 1119.66557 (05011802) 797.63860 (05082502)
1014.32504 (05011923) 822.53799 (05082504) 1091.76705
(05011804)
3813395.5 | 1070.49161 (05122323) 755.92448 (05011804)
929.24663 (05120403) 702.53826 (05082504) 937.34131
(05020304)
3813320.5 | 826.33023 (05031105) 1104.20396 (05031419)
930.38495 (05120403) 608.27106 (05082502) 832.68332
(05011803)
3813245.5 | 648.14989 (05101424) 704.83777 (05031419)
848.46469 (05111802) 648.36881 (05082504) 802.84463
(05021608)
3813170.5 | 457.62110 (05031105) 620.14461 (05031419)
761.14192 (05111802) 495.01774 (05020304) 825.18244
(05120903)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350045.28 350120.28
350195.28 350270.28 350345.28
- -
- -
-

3816095.5 | 278.28430 (05122312) 221.85960 (05101009)
262.29339 (05060510) 160.79696 (05122810) 193.90513
(05060807)
3816020.5 | 278.61681 (05122312) 337.06379 (05041901)
327.14669 (05031223) 431.06808 (05111003) 344.81926
(05020703)
3815945.5 | 287.02378 (05122810) 493.74270 (05021905)
484.15423 (05071206) 705.62500 (05040405) 1250.80463
(05082903)
3815870.5 | 509.25550 (05061603) 626.91978 (05110117)
839.99586 (05022401) 1155.33709 (05082903) 1856.81976
(05061804)
3815795.5 | 1092.59628 (05012721) 1292.28414 (05070206)
1475.52527 (05091523) 1658.10758 (05111718) 1924.63139
(05122621)
3815720.5 | 783.28665 (05061603) 1689.03134 (05082203)
2043.11364 (05082622) 1995.01699 (05090302) 2066.77490
(05111718)
3815645.5 | 1012.94833 (05022722) 1660.03185 (05110403)
1955.51111 (05101920) 2091.65398 (05122621) 1903.62672
(05080503)
3815570.5 | 766.75130 (05110117) 859.34528 (05022807)

822.28481 (05040405) 2235.75876 (05061804) 2307.76969
(05060902)
 3815495.5 | 311.58635 (05060222)   415.93756 (05020721)
297.96635 (05111019)   692.36808 (05011917)   1441.88172
(05082424)
 3815420.5 | 301.46951 (05022510)   284.45187 (05122810)
265.27647 (05012410)   454.97216 (05050522)   696.44862
(05011517)
 3815345.5 | 292.40539 (05022510)   262.87305 (05122810)
235.21415 (05012410)   264.47341 (05120211)   451.90292
(05041905)
 3815270.5 | 223.95990 (05030710)   185.70691 (05052109)
277.93070 (05121709)   301.44028 (05050520)   374.91491
(05120511)
 3815195.5 | 284.06946 (05052911)   199.62446 (05060807)
322.73958 (05121709)   282.95383 (05041409)   371.04916
(05042508)
 3815120.5 | 302.48864 (05021012)   225.73478 (05012410)
308.83030 (05050608)   309.92589 (05042508)   382.66772
(05090107)
 3815045.5 | 352.28382 (05120211)   293.36273 (05121709)
271.67281 (05021710)   395.07161 (05042508)   387.31641
(05012011)
 3814970.5 | 362.61237 (05122810)   287.03289 (05121709)
344.87705 (05060807)   414.59272 (05091307)   390.73136
(05102010)
 3814895.5 | 308.07305 (05060807)   311.89981 (05050608)
400.76871 (05042508)   433.39076 (05042508)   412.15296
(05081107)
 3814820.5 | 412.83978 (05012410)   367.44751 (05021710)
451.86513 (05091307)   458.94013 (05102010)   465.62568
(05010412)
 3814745.5 | 475.51275 (05121709)   505.72915 (05090107)
459.97348 (05042508)   463.11371 (05082607)   447.04935
(05030510)
 3814670.5 | 608.71078 (05050608)   611.57606 (05120511)
564.92207 (05081107)   500.02608 (05112016)   472.89261
(05052108)
 3814595.5 | 708.49792 (05021710)   664.42657 (05110409)
605.52401 (05121210)   522.47105 (05041108)   558.37802
(05082808)
 3814520.5 | 721.14878 (05072208)   691.29206 (05082607)
613.27906 (05110508)   555.18138 (05052108)   613.76822
(05103112)
 3814445.5 | 1023.47541 (05100109)   740.79127 (05112016)
676.59388 (05091707)   606.29668 (05111509)   642.28863
(05013011)
 3814370.5 | 1175.03930 (05030510)   1094.52371 (05091707)
742.50926 (05083007)   821.50921 (05122116)   1260.01815
(05121708)
 3814295.5 | 1618.20991 (05112211)   1159.39743 (05092509)
863.80511 (05111408)   1120.55476 (05031318)   2865.41605

(05092707)
3814220.5 | 3910.03796 (05111409) 1742.89406 (05060606) 1237.13469 (05040507) 951.72839 (05010409) 2818.74879 (05101724)
3814145.5 | 6594.94396 (05021208) 5592.88922 (05021406) 1089.91752 (05012409) 1435.80078 (05033107) 1035.98889 (05122708)
3814070.5 | 2949.14865 (05120108) 5934.44847 (05121103) 1561.16844 (05112308) 1487.13522 (05062106) 1385.67134 (05111908)
3813995.5 | 5610.27197 (05122104) 6521.24899 (05122808) 4409.47093 (05122002) 5129.30462 (05022323) 1377.13360 (05032007)
3813920.5 | 4106.37220 (05112104) 4312.83954 (05122405) 6797.95889 (05020905) 1445.68835 (05021607) 1393.98735 (05100707)
3813845.5 | 3414.12593 (05122024) 3467.48757 (05012002) 6004.66458 (05011606) 4844.62808 (05123024) 2735.96194 (05111804)
3813770.5 | 2764.17082 (05011708) 3237.53901 (05011722) 3060.35436 (05012005) 2676.73548 (05011601) 2562.50409 (05011621)
3813695.5 | 2825.49853 (05112702) 2581.05286 (05122024) 2179.27685 (05020404) 2130.05504 (05112205) 2068.64717 (05120601)
3813620.5 | 1778.91111 (05101701) 1903.25355 (05020102) 1906.00256 (05122107) 1822.35105 (05120605) 1814.54774 (05012005)
3813545.5 | 1394.90720 (05011708) 1653.22106 (05013106) 1611.90300 (05122024) 1613.64478 (05112104) 1515.33261 (05112205)
3813470.5 | 1212.75195 (05020305) 1351.23653 (05112702) 1422.32057 (05031504) 1445.52181 (05121906) 1380.81274 (05112002)
3813395.5 | 1056.64202 (05010506) 1096.95670 (05101701) 1337.64504 (05013106) 1254.77651 (05122024) 1274.66157 (05112105)
3813320.5 | 948.40272 (05112704) 991.22322 (05011708) 1111.80966 (05013106) 1087.42750 (05011605) 1145.36753 (05121906)
3813245.5 | 892.56220 (05030420) 883.37904 (05020305) 928.98140 (05112702) 1036.29884 (05020102) 1012.30209 (05122103)
3813170.5 | 874.96422 (05030420) 819.61079 (05020305) 794.35322 (05120406) 959.11567 (05013106) 887.40358 (05011708)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350420.28 350495.28
350570.28 350645.28 350720.28
- -
- -
-

3816095.5 | 320.98989 (05061523) 200.75203 (05041905)
282.16789 (05011917) 178.02844 (05032807) 237.45017
(05061406)
3816020.5 | 376.61751 (05060224) 550.30956 (05032222)
595.22440 (05121804) 316.05982 (05111217) 504.80677
(05071506)
3815945.5 | 1655.78404 (05090301) 1247.09094 (05090301)
1421.47651 (05060901) 1132.00736 (05020622) 1634.94916
(05022623)
3815870.5 | 1805.67246 (05080503) 1866.93171 (05082003)
1739.07260 (05092601) 1595.63962 (05020622) 650.86889
(05081523)
3815795.5 | 1790.97168 (05060902) 675.57717 (05032222)
1384.35806 (05042705) 696.50555 (05060501) 682.41226
(05040722)
3815720.5 | 747.27764 (05121804) 719.62596 (05120517)
725.06819 (05030423) 734.99923 (05081523) 717.27104
(05092804)
3815645.5 | 797.97072 (05061601) 780.11425 (05011517)
777.35096 (05060501) 760.37191 (05040722) 705.16777
(05111018)
3815570.5 | 2146.34618 (05062603) 823.22215 (05120517)

827.99366 (05081523) 819.75974 (05081424) 705.21324
(05102407)
3815495.5 | 559.79510 (05032222) 2021.50958 (05060521)
1750.03977 (05031923) 832.01618 (05111018) 707.86157
(05031906)
3815420.5 | 1449.69894 (05040122) 2341.61570 (05060521)
2178.59041 (05022623) 827.49633 (05111018) 758.66238
(05092804)
3815345.5 | 857.01327 (05121706) 1079.35950 (05102307)
1566.98695 (05030905) 2192.06017 (05012522) 856.39291
(05041820)
3815270.5 | 372.63245 (05031308) 338.61794 (05031308)
455.98861 (05033118) 1409.97772 (05122618) 428.22532
(05032618)
3815195.5 | 347.91130 (05012011) 305.09758 (05022409)
339.08730 (05051408) 355.36728 (05101909) 396.11396
(05020704)
3815120.5 | 350.01983 (05031308) 333.84321 (05081107)
346.84501 (05022409) 363.02489 (05041108) 326.63074
(05050707)
3815045.5 | 360.62280 (05120110) 378.38346 (05010412)
371.84075 (05101411) 326.84893 (05101410) 348.50829
(05082808)
3814970.5 | 396.14343 (05051408) 406.82853 (05050707)
353.76734 (05081907) 365.57717 (05082808) 370.39668
(05121016)
3814895.5 | 436.59287 (05101909) 424.62009 (05112016)
404.76407 (05051807) 408.63702 (05092710) 398.19865
(05041707)
3814820.5 | 448.95448 (05101909) 439.01941 (05110508)
619.27517 (05102403) 1021.48781 (05120308) 2294.40958
(05051001)
3814745.5 | 416.58915 (05052108) 439.39058 (05100708)
415.37848 (05080309) 403.60330 (05091319) 388.83900
(05083007)
3814670.5 | 499.59451 (05082808) 461.71462 (05032308)
428.86065 (05073007) 500.25625 (05120306) 830.25167
(05021308)
3814595.5 | 540.16852 (05032308) 621.74581 (05120307)
474.46775 (05083007) 750.91699 (05111023) 3593.59221
(05062304)
3814520.5 | 1116.58234 (05032422) 2298.13978 (05051702)
2646.41051 (05010322) 1519.96751 (05122617) 1570.66690
(05060520)
3814445.5 | 604.67205 (05122116) 987.00892 (05121708)
4142.64725 (05112818) 1787.86142 (05011124) 1560.12905
(05122508)
3814370.5 | 1172.78991 (05092107) 635.60429 (05031318)
1042.92543 (05031318) 3477.11402 (05090601) 2449.78706
(05042903)
3814295.5 | 5510.71825 (05121401) 4175.71062 (05100502)
2497.76930 (05030106) 3096.32647 (05012707) 2830.12187

(05122623)
3814220.5 | 2937.57941 (05101702) 2467.04723 (05080804)
2159.81407 (05051024) 1963.70448 (05121004) 1006.43394
(05012823)
3814145.5 | 5553.37379 (05112921) 2319.10609 (05042824)
1882.05545 (05042824) 1993.26892 (05121308) 1724.40068
(05042824)
3814070.5 | 2791.49481 (05030123) 2191.40606 (05111022)
1769.27326 (05012908) 1627.25775 (05111022) 1522.56380
(05021104)
3813995.5 | 2633.12657 (05021323) 2052.62454 (05112120)
1848.55857 (05021702) 1534.87185 (05092606) 1344.88988
(05120221)
3813920.5 | 2679.48177 (05120817) 2371.17042 (05121106)
1646.58270 (05090404) 1471.89079 (05101304) 1296.06481
(05031522)
3813845.5 | 3332.83887 (05021421) 4330.32288 (05040206)
2033.91657 (05120817) 1837.83720 (05013020) 1362.98689
(05112120)
3813770.5 | 2170.99384 (05092605) 2062.99728 (05120904)
1867.04743 (05120904) 3866.39350 (05103103) 3381.32940
(05120520)
3813695.5 | 1757.57268 (05020319) 1708.74312 (05112204)
1837.27721 (05122002) 1629.44344 (05120524) 1392.22590
(05012008)
3813620.5 | 1585.84832 (05031501) 1525.17427 (05122403)
1498.97705 (05122403) 1512.03992 (05111804) 1250.93142
(05120904)
3813545.5 | 1445.63510 (05111705) 1473.59564 (05031501)
1285.15445 (05122403) 1508.21501 (05020319) 1148.80397
(05031104)
3813470.5 | 1314.79366 (05012005) 1247.58216 (05111722)
1333.40936 (05031501) 1247.38834 (05013023) 1114.55962
(05031104)
3813395.5 | 1207.95453 (05120605) 1142.74630 (05112004)
1118.90137 (05120601) 1230.64424 (05122101) 1233.85389
(05013023)
3813320.5 | 1122.93138 (05031503) 1064.16347 (05112002)
1012.66192 (05112205) 1090.59462 (05122106) 973.42136
(05111901)
3813245.5 | 1043.18290 (05011722) 998.56694 (05011604)
950.16338 (05012003) 911.33686 (05111722) 1006.66331
(05122405)
3813170.5 | 936.69420 (05121906) 934.19988 (05112104)
895.42966 (05120605) 854.41931 (05012005) 843.14868
(05120604)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350795.28 350870.28
350945.28 351020.28 351095.28
- -
- -
-

3816095.5 | 1480.23909 (05020622) 646.36479 (05050720)
352.24967 (05052606) 372.88511 (05021205) 1260.63115
(05062902)
3816020.5 | 890.46348 (05081905) 1596.79863 (05110806)
689.80880 (05040304) 1626.47440 (05052705) 1209.15937
(05061824)
3815945.5 | 1573.36529 (05050601) 586.78509 (05040722)
1626.82242 (05012522) 1297.89313 (05120720) 464.12122
(05102407)
3815870.5 | 1656.78911 (05123107) 593.98383 (05111018)
1545.82461 (05100105) 493.98200 (05031906) 509.48128
(05041820)
3815795.5 | 650.57351 (05040722) 576.10645 (05032521)
541.67443 (05051606) 560.49518 (05102703) 540.08846
(05030320)
3815720.5 | 650.81234 (05111018) 576.85558 (05031906)
561.85945 (05102703) 565.31297 (05021101) 539.60445
(05061721)
3815645.5 | 594.61860 (05081523) 583.43381 (05031906)
597.80550 (05041820) 586.22269 (05051606) 496.85423
(05081422)
3815570.5 | 631.99966 (05051606) 639.22495 (05041820)

645.94666 (05051606)   577.63461 (05081422)   502.81796
(05071003)
 3815495.5 | 688.42362 (05102703)   692.23798 (05121618)
623.88108 (05081422)   527.23021 (05102222)   507.57031
(05042119)
 3815420.5 | 777.24804 (05021101)   718.77204 (05061721)
563.77907 (05102719)   537.99672 (05042119)   522.45190
(05040121)
 3815345.5 | 824.49492 (05051606)   669.28585 (05100519)
632.48234 (05102703)   600.00419 (05040121)   599.28703
(05070906)
 3815270.5 | 2275.29405 (05022806)   771.96634 (05102703)
746.29255 (05040121)   719.46142 (05070906)   624.94613
(05102202)
 3815195.5 | 1608.17955 (05051904)   2255.93191 (05051222)
1895.61340 (05051222)   811.45902 (05102202)   753.38262
(05032921)
 3815120.5 | 477.68987 (05012623)   597.27302 (05102222)
563.95054 (05042424)   892.36103 (05061620)   1795.54913
(05062605)
 3815045.5 | 359.01512 (05021511)   365.63078 (05080309)
717.16389 (05010701)   2434.02336 (05051001)   2328.08873
(05081506)
 3814970.5 | 425.11075 (05120303)   479.00196 (05120308)
393.85811 (05021207)   602.03379 (05032422)   1935.32337
(05062505)
 3814895.5 | 888.29461 (05062006)   1987.98618 (05110119)
662.98038 (05012618)   1228.83945 (05021422)   2076.48392
(05021422)
 3814820.5 | 2897.28575 (05080102)   2945.37164 (05102921)
1980.16059 (05091723)   1367.89503 (05110807)   2522.11296
(05120719)
 3814745.5 | 1863.71601 (05082801)   2832.83314 (05081906)
1088.53792 (05102402)   2758.93594 (05062304)   1962.45225
(05051906)
 3814670.5 | 665.32457 (05010322)   3102.04858 (05062304)
2921.60331 (05090502)   1053.63380 (05060520)   974.64590
(05060520)
 3814595.5 | 3217.98422 (05090502)   1286.12923 (05122706)
2506.24044 (05112818)   2723.13596 (05061005)   985.77529
(05021324)
 3814520.5 | 1345.23406 (05060520)   1154.03042 (05021324)
1079.59825 (05061723)   1089.87416 (05122508)   1034.44775
(05032301)
 3814445.5 | 3558.74952 (05030207)   1330.72594 (05021324)
1137.79591 (05122508)   936.85430 (05031523)   1024.73850
(05061722)
 3814370.5 | 1496.78961 (05050604)   1289.89705 (05011707)
1214.57088 (05120907)   953.97836 (05120907)   973.55669
(05061722)
 3814295.5 | 1591.02591 (05011703)   1306.88068 (05011121)
1049.69302 (05051221)   956.30881 (05100521)   924.21243

(05041324)
3814220.5 | 1898.55987 (05101821) 1339.83952 (05020419) 1202.56487 (05020419) 965.98581 (05020419) 875.74830 (05091924)
3814145.5 | 3441.35608 (05122123) 2902.35792 (05122122) 1156.58912 (05120321) 1145.13601 (05120321) 882.67601 (05111020)
3814070.5 | 1388.99321 (05012908) 1400.73984 (05021104) 1291.59090 (05050922) 1134.12694 (05020318) 865.80217 (05021104)
3813995.5 | 1316.63567 (05101619) 1128.89783 (05011122) 1044.04033 (05111022) 1051.26735 (05111022) 929.74287 (05031423)
3813920.5 | 1182.67578 (05011622) 1091.35002 (05021702) 984.31179 (05092606) 914.79536 (05042823) 857.53272 (05011622)
3813845.5 | 1169.65362 (05102505) 1005.50296 (05050921) 949.28539 (05042901) 892.46870 (05042901) 830.27042 (05042901)
3813770.5 | 1258.82659 (05120817) 1159.90450 (05121106) 1023.36770 (05011908) 828.39991 (05011308) 774.03037 (05050921)
3813695.5 | 1095.59674 (05121908) 1019.07509 (05120817) 925.29967 (05120817) 852.56847 (05121106) 752.68403 (05112120)
3813620.5 | 997.32405 (05111906) 918.34745 (05121103) 881.20894 (05020223) 839.74109 (05120817) 772.29063 (05030124)
3813545.5 | 998.31217 (05112824) 901.28645 (05120524) 835.35561 (05120904) 765.21704 (05051022) 751.13132 (05121908)
3813470.5 | 951.65553 (05013104) 889.46232 (05031506) 831.88593 (05120904) 737.06602 (05021607) 701.67084 (05112124)
3813395.5 | 928.86955 (05120603) 837.91711 (05112204) 793.02066 (05011508) 753.51709 (05112824) 694.87304 (05120524)
3813320.5 | 878.03823 (05013023) 811.30614 (05013104) 747.57890 (05122403) 711.70250 (05011508) 684.13931 (05011508)
3813245.5 | 826.12166 (05111901) 764.70701 (05120603) 728.70228 (05013104) 689.92216 (05032805) 649.45697 (05092605)
3813170.5 | 799.02293 (05011507) 734.96214 (05111901) 696.54876 (05122101) 665.50874 (05011621) 638.68136 (05020319)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
350508.88	3814829.88	448.50541	(05020719)	350283.70	3815266.49	299.80406	(05031618)
350539.82	3814604.70	483.18429	(05083007)	350467.63	3814245.45	2690.91617	(05101620)
350008.68	3813941.20	4702.39961	(05013106)	350147.91	3813936.04	4102.34739	(05013023)
350557.01	3814453.44	4117.14503	(05072205)	349200.78	3815251.02	232.35600	(05061908)
349173.28	3815257.89	217.59843	(05102503)	348862.58	3814174.11	1351.44491	(05060724)
348862.58	3815183.55	281.63280	(05022523)	350494.71	3815179.68	321.05423	(05022409)
350486.97	3814363.62	718.10427	(05111609)	350216.24	3814363.62	778.04656	(05022408)
350216.24	3814193.45	1081.10722	(05060606)	349991.92	3813969.12	5996.36046	(05122103)
349794.67	3813961.39	4129.35317	(05082504)	349597.42	3814065.81	3520.83073	(05073102)
349121.71	3814085.15	1743.76752	(05041301)				

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348170.28 348245.28
348320.28 348395.28 348470.28
- -
- -
-

3816095.5 | 42.39655 (05051624) 44.33608 (05051624)
41.92577 (05060924) 40.07619 (05022208) 33.43276
(05022208)
3816020.5 | 57.42947 (05051624) 57.53024 (05051624)
45.31363 (05051624) 38.46902 (05022208) 38.59748
(05022208)
3815945.5 | 64.68014 (05051624) 67.32472 (05051624)
55.09067 (05051624) 36.05348 (05051624) 43.14210
(05022208)
3815870.5 | 74.36677 (05010424) 74.57998 (05051624)
70.53310 (05051624) 58.25226 (05051624) 44.50130
(05051624)
3815795.5 | 79.22994 (05010424) 79.62406 (05010424)
80.62611 (05051624) 78.15165 (05051624) 58.93757
(05051624)
3815720.5 | 80.62003 (05010424) 85.43805 (05010424)
83.21187 (05010424) 68.43003 (05010424) 63.41171
(05051624)
3815645.5 | 74.21684 (05010424) 85.80601 (05010424)
89.76320 (05010424) 79.84193 (05010424) 74.31197
(05010424)
3815570.5 | 74.80489 (05070708) 90.97196 (05070708)

89.71056 (05010424) 83.65267 (05010424) 88.26400
(05010424)
3815495.5 | 76.87242 (05070708) 124.34087 (05070708)
83.94498 (05070708) 76.06357 (05010424) 104.97219
(05010424)
3815420.5 | 131.89558 (05092524) 143.24719 (05070708)
93.51621 (05070708) 66.33498 (05010424) 107.56475
(05062624)
3815345.5 | 150.34887 (05022008) 171.13770 (05092524)
99.01193 (05092524) 72.16373 (05051924) 182.82872
(05070708)
3815270.5 | 189.38851 (05022008) 183.59313 (05022008)
124.46262 (05022008) 106.90692 (05092524) 253.90213
(05070708)
3815195.5 | 203.78670 (05022008) 215.99333 (05022008)
176.06202 (05022008) 143.95541 (05022008) 287.92793
(05092524)
3815120.5 | 265.59621 (05121324) 211.12710 (05121324)
193.71012 (05022008) 158.13567 (05022008) 209.48848
(05022008)
3815045.5 | 319.41452 (05121324) 304.54599 (05121324)
243.67120 (05121324) 181.36213 (05022008) 217.25461
(05022008)
3814970.5 | 247.15632 (05121324) 235.18641 (05121324)
183.11568 (05121324) 145.74361 (05121324) 140.21713
(05022008)
3814895.5 | 119.00164 (05122224) 105.20216 (05070624)
97.09722 (05070624) 112.73368 (05070624) 146.50162
(05121324)
3814820.5 | 145.98833 (05122224) 170.27737 (05122224)
107.79579 (05122224) 147.11864 (05122224) 171.92426
(05031124)
3814745.5 | 241.43111 (05122224) 325.52460 (05122224)
221.94891 (05122224) 307.67681 (05122224) 316.97687
(05031124)
3814670.5 | 498.01760 (05062208) 473.01332 (05062208)
357.49473 (05122724) 345.20897 (05122224) 500.01334
(05122224)
3814595.5 | 617.29302 (05062208) 639.71490 (05062208)
637.17570 (05062208) 680.37784 (05062208) 655.13117
(05062208)
3814520.5 | 531.38375 (05062208) 580.50208 (05062208)
572.92853 (05062208) 586.97882 (05062208) 381.75712
(05091908)
3814445.5 | 516.84516 (05110624) 524.40779 (05110624)
511.76612 (05110624) 513.05361 (05110624) 388.13442
(05110624)
3814370.5 | 379.22338 (05110624) 473.00444 (05110624)
508.17650 (05110624) 519.28040 (05110624) 376.84535
(05110624)
3814295.5 | 154.14444 (05060408) 245.00060 (05060408)
355.54488 (05123024) 418.99913 (05123024) 441.12253

(05123024)
3814220.5 | 83.78329 (05060408) 194.03607 (05122308)
347.97510 (05122308) 316.03550 (05122308) 390.79829
(05122308)
3814145.5 | 83.82646 (05122308) 134.91290 (05122308)
82.61840 (05122308) 56.67339 (05060408) 75.35192
(05122308)
3814070.5 | 109.87595 (05021924) 51.79602 (05021924)
29.29735 (05120416) 31.00080 (05120416) 100.97724
(05021924)
3813995.5 | 53.51100 (05021924) 28.48715 (05021016)
30.89091 (05021016) 34.54794 (05021016) 75.06111
(05021924)
3813920.5 | 106.73197 (05021924) 65.26449 (05021924)
41.87777 (05021016) 42.26627 (05021016) 43.97454
(05021016)
3813845.5 | 256.39182m(05061924) 149.04668m(05061924)
37.89320 (05021016) 41.77067 (05120416) 47.31719
(05120416)
3813770.5 | 258.22861m(05061924) 227.19521 (05010624)
118.03079 (05010624) 50.80048 (05120416) 52.74178
(05120416)
3813695.5 | 260.04303 (05010624) 240.94318 (05010624)
80.76733 (05020524) 45.83191 (05020524)
68.06005m(05121708)
3813620.5 | 205.33538 (05010624) 198.03744m(05121708)
159.57283m(05121708) 81.81242m(05121708)
196.46952m(05121708)
3813545.5 | 229.85262m(05121708) 219.34924m(05121708)
82.65292m(05121708) 77.41024m(05121708)
226.72233m(05121708)
3813470.5 | 282.15466m(05121708) 97.42103m(05121708)
183.85377m(05121708) 153.90768m(05121708) 115.84437
(05112224)
3813395.5 | 296.42275 (05112224) 280.98290 (05112224)
402.97397 (05112224) 415.69143 (05112224) 373.83731
(05112224)
3813320.5 | 172.91922 (05112224) 184.78716 (05112224)
410.86004 (05112224) 446.97620 (05112224) 345.21443
(05112224)
3813245.5 | 333.24200 (05112224) 382.37123 (05112224)
385.38566 (05112224) 254.16855 (05112224) 42.96781
(05123024)
3813170.5 | 340.81186 (05112224) 277.12819 (05112224)
104.82121 (05112224) 41.14444 (05123024) 35.87796
(05032524)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348545.28 348620.28
348695.28 348770.28 348845.28
- -
- -
-

3816095.5 | 37.70636 (05111216) 44.00720 (05111216)
30.66943 (05111216) 41.87626 (05111216) 43.33867
(05122608)
3816020.5 | 34.79372 (05022208) 41.83173 (05111216)
46.21536 (05111216) 46.13619 (05111216) 40.98752
(05111216)
3815945.5 | 40.43629 (05022208) 42.55011 (05060924)
45.10570 (05111216) 48.86552 (05111216) 46.32835
(05111216)
3815870.5 | 47.00944 (05022208) 56.48119 (05060924)
41.22439 (05111216) 49.05218 (05111216) 50.47853
(05111216)
3815795.5 | 56.40049 (05060924) 68.54389 (05060924)
58.24473 (05060924) 46.07355 (05111216) 52.28424
(05111216)
3815720.5 | 79.78980 (05051624) 66.14391 (05060924)
71.24412 (05060924) 62.75460 (05060924) 50.60342
(05111216)
3815645.5 | 100.32025 (05051624) 81.20024 (05051624)
78.15969 (05060924) 71.84582 (05060924) 52.68748
(05060924)
3815570.5 | 123.37792 (05051624) 105.16463 (05051624)

67.45159 (05051624) 55.78262 (05022208) 54.97978
(05022208)
3815495.5 | 114.55490 (05030224) 95.94157 (05051624)
65.99595 (05051624) 49.79614 (05051624) 54.35364
(05022208)
3815420.5 | 116.47585 (05010424) 98.90715 (05010424)
77.43120 (05010424) 79.90835 (05051624) 53.77326
(05022208)
3815345.5 | 110.59752 (05010424) 113.05412 (05010424)
117.94227 (05010424) 96.10910 (05010424) 66.71686
(05051624)
3815270.5 | 173.44764 (05070708) 107.87188 (05010424)
101.10461 (05010424) 90.65905 (05010424) 94.67882
(05010424)
3815195.5 | 280.26377 (05070708) 177.29065 (05070708)
100.78961 (05010424) 96.85771 (05010424) 126.86006
(05010424)
3815120.5 | 394.27036 (05092524) 269.09490 (05070708)
156.81378 (05070708) 102.97340 (05010424) 148.82061
(05010424)
3815045.5 | 375.28675 (05100208) 383.20206 (05092524)
297.74321 (05092524) 144.69716 (05070708) 173.88558
(05070708)
3814970.5 | 357.20004 (05121324) 449.42612 (05111424)
300.84309 (05022008) 194.17116 (05022008) 177.67704
(05070708)
3814895.5 | 312.87477 (05121324) 707.17957 (05121324)
601.60102 (05111424) 367.47257 (05022008) 285.15092
(05022008)
3814820.5 | 225.23027 (05121324) 829.43894 (05121324)
841.85757 (05121324) 384.44332 (05121324) 551.94349
(05111424)
3814745.5 | 274.25752 (05031124) 652.36436 (05121324)
862.80497 (05121324) 922.65381 (05121324) 959.62373
(05121324)
3814670.5 | 555.66855 (05031124) 694.33146 (05031124)
759.40217 (05031124) 878.26702 (05121324) 1067.76933
(05121324)
3814595.5 | 677.82237 (05062208) 684.05155 (05122724)
738.51325 (05122724) 760.73003 (05031124) 856.52283
(05031124)
3814520.5 | 421.62056 (05122724) 466.61805 (05122724)
514.00947 (05122724) 675.67874 (05062208) 367.41767
(05122224)
3814445.5 | 414.31570 (05110624) 441.40266 (05110624)
490.64354 (05091908) 882.57172 (05062208) 1082.19754
(05062208)
3814370.5 | 411.88491 (05110624) 450.74123 (05110624)
492.13738 (05110624) 538.17891 (05110624) 590.88231
(05110624)
3814295.5 | 460.84259 (05110624) 381.53440 (05110624)
426.20184 (05110624) 476.68987 (05110624) 533.43166

(05110624)
3814220.5 | 446.92102 (05122308) 343.35359 (05122308) 375.22648 (05012124) 406.92130 (05122308) 442.61391 (05122308)
3814145.5 | 378.28270 (05012124) 556.21150 (05012124) 367.75694 (05012124) 399.42717 (05012124) 427.55256 (05122308)
3814070.5 | 373.33740 (05021924) 487.49862 (05012124) 500.16048 (05012124) 353.01066 (05012124) 368.44888 (05122308)
3813995.5 | 244.92038 (05021924) 286.19073 (05021924) 359.39904 (05021924) 450.35214m(05061924) 362.12822 (05010124)
3813920.5 | 76.35207 (05021924) 58.84674 (05123124) 93.77828m(05061924) 383.43388m(05061924) 346.99705 (05010124)
3813845.5 | 52.28126 (05120416) 56.94784 (05120416) 60.48299 (05120416) 110.36682 (05010624) 340.39715 (05010124)
3813770.5 | 53.01484 (05120416) 51.98883 (05120416) 49.38468 (05120416) 197.80554m(05121708) 337.80154 (05112224)
3813695.5 | 106.93976m(05121708) 223.49163m(05121708) 307.36772m(05121708) 515.11751 (05112224) 579.87618 (05112224)
3813620.5 | 345.62030m(05121708) 396.84589m(05121708) 546.18529 (05112224) 631.11968 (05112224) 705.37910 (05112224)
3813545.5 | 334.13942 (05112224) 289.66503 (05112224) 584.99669 (05112224) 519.55533 (05112224) 358.76593 (05112224)
3813470.5 | 64.49459 (05112224) 71.15392 (05112224) 415.73983 (05112224) 241.63614 (05112224) 69.12051 (05123024)
3813395.5 | 78.48046 (05112224) 49.03069 (05030624) 146.21170 (05112224) 57.53228 (05123024) 46.41518 (05120316)
3813320.5 | 232.76126 (05112224) 44.67731 (05032524) 40.16269 (05120316) 45.19039 (05120316) 43.20053 (05120316)
3813245.5 | 39.28026 (05032524) 40.13395 (05120316) 42.87786 (05120316) 40.09050 (05120316) 50.04314 (05062808)
3813170.5 | 47.23670 (05082724) 41.32007 (05120316) 36.94039 (05120316) 36.94238 (05062808) 43.00640 (05062808)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348920.28 348995.28
349070.28 349145.28 349220.28
- -
- -
-

3816095.5 | 47.81852 (05122608) 55.64227 (05122608)
44.92413 (05122608) 37.71926 (05122608) 34.39213
(05111716)
3816020.5 | 47.26579 (05122608) 60.98007 (05122608)
53.16837 (05122608) 48.76695 (05011216) 32.41410
(05111716)
3815945.5 | 49.36086 (05122608) 65.28861 (05122608)
59.25896 (05122608) 60.84918 (05122608) 39.65127
(05122608)
3815870.5 | 49.79628 (05050708) 63.16450 (05122608)
71.93550 (05122608) 72.79185 (05122608) 56.44690
(05122608)
3815795.5 | 51.31494 (05111216) 63.03553 (05122608)
79.21657 (05122608) 83.38181 (05122608) 71.68838
(05122608)
3815720.5 | 54.87188 (05111216) 66.97824 (05050708)
80.06915 (05122608) 90.33823 (05122608) 85.84004
(05122608)
3815645.5 | 54.82553 (05111216) 60.13843 (05050708)
77.01790 (05050708) 94.04040 (05122608) 96.88598
(05122608)
3815570.5 | 50.57012 (05111216) 59.15926 (05111216)

80.12992 (05050708) 91.89333 (05122608) 95.34812
(05122608)
3815495.5 | 55.62847 (05022208) 56.70743 (05111216)
79.94074 (05021724) 80.37116 (05122608) 90.17773
(05122608)
3815420.5 | 61.93569 (05022208) 74.52116 (05060924)
85.48907 (05021724) 85.64183 (05050708) 98.05738
(05122608)
3815345.5 | 65.37144 (05022208) 102.61261 (05060924)
99.38750 (05060924) 68.24339 (05111216) 68.28561
(05122608)
3815270.5 | 88.28925 (05051624) 101.65263 (05060924)
140.68635 (05060924) 68.30622 (05110908) 73.55820
(05050708)
3815195.5 | 125.71698 (05051624) 174.68411 (05051624)
121.17597 (05060924) 97.22442 (05060924) 74.26398
(05111216)
3815120.5 | 166.77651 (05010424) 210.42730 (05030224)
156.52413 (05051624) 107.63762 (05060924) 75.76592
(05022208)
3815045.5 | 215.90003 (05092624) 212.87029 (05092624)
135.03459 (05010424) 118.71963 (05051624) 101.10024
(05022208)
3814970.5 | 496.55059 (05070708) 340.71434 (05070708)
235.90157 (05092624) 170.51357 (05051624) 99.94075
(05022208)
3814895.5 | 621.34139 (05070708) 384.70178 (05070708)
195.83877 (05010424) 180.97152 (05010424) 157.22053
(05010424)
3814820.5 | 767.57596 (05092524) 569.64007 (05070708)
337.53855 (05070708) 337.04170 (05070708) 256.82144
(05010424)
3814745.5 | 915.76059 (05111424) 375.35255 (05022008)
526.09850 (05070708) 489.02482 (05070708) 414.23979
(05070708)
3814670.5 | 1019.93147 (05121324) 574.76232 (05121324)
748.97437 (05111424) 977.17425 (05070708) 957.96026
(05070708)
3814595.5 | 349.09712 (05031124) 644.23272 (05121324)
1437.40851 (05121324) 1572.10451 (05111424) 1410.39378
(05111424)
3814520.5 | 493.70285 (05122224) 748.97595 (05031124)
1280.29765 (05121324) 1101.45550 (05121324) 1745.42662
(05121324)
3814445.5 | 1133.72365 (05062208) 1230.19605 (05062208)
1270.36405 (05062208) 943.79152 (05113024) 1183.07802
(05121324)
3814370.5 | 641.52343 (05110624) 721.48522 (05091908)
847.81608 (05091908) 985.36321 (05091908) 1155.13739
(05091908)
3814295.5 | 595.77490 (05110624) 671.49310 (05110624)
762.49536 (05110624) 885.44300 (05110624) 1024.54277

(05110624)
3814220.5 | 484.50648 (05122308) 532.52570 (05122308) 592.34003 (05122308) 663.61096 (05122308) 770.11130 (05110624)
3814145.5 | 469.56653 (05122308) 516.41304 (05122308) 575.35599 (05122308) 642.41187 (05122308) 728.88673 (05122308)
3814070.5 | 408.93885 (05122308) 456.85899 (05122308) 500.79412 (05122308) 553.31889 (05122308) 613.86718 (05122308)
3813995.5 | 405.88941 (05010124) 429.69838 (05010124) 418.97614 (05122308) 466.09170 (05010124) 542.50674 (05010124)
3813920.5 | 351.79644 (05010124) 376.04490 (05010124) 404.91344 (05010124) 460.81063 (05112224) 557.44228 (05112224)
3813845.5 | 369.70349 (05010124) 411.07089 (05112224) 497.06531 (05112224) 960.85268 (05112224) 707.52951 (05112224)
3813770.5 | 295.25246m(05121708) 240.75097m(05121708) 489.87654 (05112224) 520.26894 (05112224) 663.80472 (05112224)
3813695.5 | 239.56593 (05112224) 38.42726 (05020124) 55.86305 (05020124) 384.31680 (05112224) 562.21421 (05112224)
3813620.5 | 199.14733 (05112224) 51.87468 (05020124) 54.81476 (05020124) 61.42648 (05020124) 140.38219 (05082608)
3813545.5 | 410.42972 (05112224) 115.82118 (05123024) 58.40607 (05082724) 253.38608 (05012024) 459.49762 (05010208)
3813470.5 | 111.54310 (05123024) 137.59488 (05082608) 65.80929 (05062808) 80.96686 (05010208) 372.34308 (05010208)
3813395.5 | 46.69591 (05120316) 81.19111 (05062808) 64.58560 (05062808) 279.99473 (05010208) 199.18490 (05010208)
3813320.5 | 39.11921 (05062808) 45.31398 (05062808) 97.24991 (05010208) 436.99468 (05010208) 416.62966 (05010208)
3813245.5 | 72.63497 (05012024) 264.54865 (05010208) 255.83294 (05010208) 273.83688 (05010208) 262.59319 (05020508)
3813170.5 | 142.45510 (05010208) 308.66137 (05010208) 370.18625 (05010208) 331.09863 (05020508) 288.63921 (05010124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349295.28 349370.28
349445.28 349520.28 349595.28
- -
- -
-

3816095.5 | 41.49050 (05111716) 60.16617 (05111716)
49.80295 (05111716) 46.57535 (05041616) 50.65992
(05042116)
3816020.5 | 58.14011 (05111716) 63.27827 (05111716)
55.02035 (05111716) 53.23406 (05091108) 52.23379
(05042116)
3815945.5 | 55.92646 (05111716) 65.44482 (05111716)
60.40709 (05111716) 65.69870 (05091108) 84.64959
(05110924)
3815870.5 | 52.74665 (05111716) 66.32509 (05111716)
66.98020 (05091108) 70.12741 (05091108) 92.97623
(05110924)
3815795.5 | 53.06834 (05122608) 65.41640 (05111716)
70.14946 (05111716) 97.52181 (05091108) 98.63934
(05110924)
3815720.5 | 67.65856 (05122608) 63.57085 (05111716)
73.32865 (05111716) 90.02435 (05091108) 70.10613
(05091108)
3815645.5 | 78.72291 (05122608) 59.88364 (05111716)
74.67908 (05111716) 76.69351 (05091108) 64.83765
(05091108)
3815570.5 | 77.63833 (05122608) 56.66129 (05122608)

74.00190 (05111716) 78.16554 (05111716) 68.95066
(05091108)
3815495.5 | 88.70732 (05122608) 73.18520 (05122608)
54.87565 (05111716) 82.41549 (05111716) 71.98047
(05111716)
3815420.5 | 102.59900 (05122608) 89.38069 (05122608)
67.90306 (05111716) 84.33044 (05111716) 78.65970
(05111716)
3815345.5 | 93.61054 (05122608) 83.86862 (05122608)
64.48140 (05122608) 65.93089 (05111716) 68.89264
(05111716)
3815270.5 | 89.82540 (05122608) 92.65879 (05122608)
93.33397 (05122608) 68.71742 (05111716) 93.88816
(05111716)
3815195.5 | 78.13307 (05122608) 100.65426 (05122608)
119.31365 (05122608) 89.13809 (05122608) 100.76838
(05111716)
3815120.5 | 80.81470 (05111216) 107.79160 (05122608)
145.53024 (05122608) 121.85138 (05122608) 107.89855
(05111716)
3815045.5 | 85.54906 (05110908) 113.85607 (05050708)
170.28971 (05122608) 154.07499 (05122608) 110.95223
(05111716)
3814970.5 | 115.90254 (05022208) 136.60724 (05050708)
175.28649 (05122608) 153.69465 (05122608) 125.26452
(05122608)
3814895.5 | 165.98856 (05051624) 224.96641 (05060924)
141.88646 (05050708) 174.07587 (05122608) 176.38352
(05122608)
3814820.5 | 262.14390 (05051624) 275.20236 (05030224)
174.77774 (05060924) 164.61660 (05122608) 217.15335
(05122608)
3814745.5 | 480.30269 (05092624) 357.53428 (05030224)
152.50604 (05022208) 134.63842 (05122608) 216.47043
(05122608)
3814670.5 | 1063.67678 (05070708) 452.21178 (05092624)
250.73199 (05010424) 217.04346 (05022208) 315.94729
(05122608)
3814595.5 | 1582.51537 (05070708) 1084.66607 (05070708)
491.85791 (05022008) 377.61274 (05030224) 632.59649
(05082008)
3814520.5 | 1978.61621 (05111424) 1753.02745 (05111424)
614.92099 (05022008) 474.58750 (05022008) 1313.10596
(05042408)
3814445.5 | 1957.71185 (05121324) 896.10484 (05111424)
676.43754 (05022008) 720.30717 (05022008) 2786.81630
(05042408)
3814370.5 | 852.77330 (05091908) 1056.16888 (05091908)
1128.09627 (05121324) 1863.86102 (05111424) 2866.13277
(05063008)
3814295.5 | 1758.64037 (05062208) 2143.83320 (05062208)
1369.53800 (05091908) 2949.19676 (05091908) 3092.00680

(05121324)
3814220.5 | 931.81628 (05110624) 1233.07827 (05110624) 1955.80700 (05110624) 2163.53481 (05110624) 2822.79176 (05110624)
3814145.5 | 833.37015 (05122308) 994.11174 (05122308) 1301.91978 (05122308) 1671.44133 (05122308) 2236.24705 (05122308)
3814070.5 | 693.07205 (05122308) 823.78662 (05010124) 1036.03194 (05010124) 1351.46208 (05010124) 1845.02229 (05010124)
3813995.5 | 643.04171 (05010124) 776.44725 (05010124) 970.09828 (05112224) 1236.36079 (05112224) 1574.64809 (05010124)
3813920.5 | 668.29125 (05112224) 787.37063 (05112224) 926.59861 (05112224) 1059.98940 (05112224) 1307.45950 (05010124)
3813845.5 | 680.89084 (05112224) 730.48604 (05112224) 771.59660 (05112224) 905.19708 (05010124) 1074.64930 (05010124)
3813770.5 | 597.68797 (05112224) 609.06134 (05112224) 673.91581 (05010124) 772.83024 (05010124) 886.47088 (05010124)
3813695.5 | 594.90550 (05010124) 553.47077 (05010124) 591.71929 (05010124) 661.39587 (05010124) 738.60138 (05010124)
3813620.5 | 542.49743 (05010124) 613.14948 (05010124) 606.16395 (05010124) 582.15056 (05010124) 628.29230 (05010124)
3813545.5 | 545.55185 (05010208) 181.14421 (05010208) 421.98107 (05020508) 589.16752 (05021008) 544.10129 (05010124)
3813470.5 | 303.70961 (05010208) 50.26488 (05020124) 161.33734 (05021008) 553.73884 (05010124) 503.02182 (05010124)
3813395.5 | 469.50536 (05010208) 459.10152 (05020508) 107.59944 (05062308) 433.76748 (05122324) 527.87743 (05010124)
3813320.5 | 370.49891 (05010124) 394.28604 (05010124) 469.20728 (05122324) 430.51572 (05010124) 518.76186 (05122324)
3813245.5 | 364.86783 (05021008) 309.66446 (05010124) 374.06404 (05010124) 329.65714 (05010124) 376.38407 (05010124)
3813170.5 | 300.35563 (05010124) 291.87999 (05010124) 279.50647 (05010124) 297.68451 (05010124) 280.65004 (05010124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349670.28 349745.28
349820.28 349895.28 349970.28
- -
- -
-

3816095.5 | 46.93189 (05042116) 54.09580 (05091008)
44.16959 (05091008) 45.05270 (05061424) 51.43628
(05022516)
3816020.5 | 49.71766 (05042116) 66.97619 (05091008)
68.12821 (05091008) 68.53762 (05061424) 55.83921
(05061424)
3815945.5 | 72.03561 (05110924) 80.98556m(05060124)
89.58967 (05091008) 83.17729 (05061424) 92.19421
(05071008)
3815870.5 | 116.03253 (05110924) 111.91758 (05011024)
115.33971 (05091008) 95.86888 (05061424) 140.74245
(05102308)
3815795.5 | 127.65410 (05110924) 126.59188 (05011024)
134.32321 (05091008) 137.99613 (05121524) 213.06507
(05121524)
3815720.5 | 74.74333 (05110924) 136.06998 (05011024)
146.31575 (05091008) 174.75336m(05072508) 177.55090
(05102308)
3815645.5 | 121.36044 (05110924) 146.42358 (05011024)
132.05186 (05091008) 104.90612 (05061424) 186.73763
(05102308)
3815570.5 | 108.59157 (05110924) 106.53902m(05060124)

103.44728 (05091008) 106.20847 (05091008) 123.81509
(05071008)
 3815495.5 | 74.06790 (05091108) 66.77053 (05091008)
86.34840 (05091008) 93.70058 (05061424) 74.72904
(05061424)
 3815420.5 | 66.07067 (05042116) 73.63921 (05091008)
81.52960 (05091008) 73.55688 (05061424) 74.36087
(05022516)
 3815345.5 | 56.78710 (05111716) 73.08540 (05042116)
71.81464 (05091008) 74.46595 (05022516) 76.98469
(05030716)
 3815270.5 | 66.53453 (05111716) 59.85791 (05042116)
51.24178 (05091008) 63.99635 (05022516) 61.23572
(05022516)
 3815195.5 | 90.50422 (05111716) 84.00542 (05042116)
75.29602 (05091008) 70.54667 (05022516) 89.93248
(05030716)
 3815120.5 | 88.25545 (05111716) 91.00931 (05042116)
93.13604 (05091008) 90.03624 (05022516) 97.59559
(05030716)
 3815045.5 | 120.23496 (05111716) 97.20481 (05111716)
113.53156 (05091008) 102.97467 (05022516) 105.79218
(05030716)
 3814970.5 | 141.35231 (05111716) 116.76316 (05111716)
126.79974 (05091008) 119.22177 (05022516) 113.41099
(05030716)
 3814895.5 | 159.39425 (05091108) 142.11144 (05111716)
144.82053 (05091008) 137.17647m(05060124) 115.99844
(05030716)
 3814820.5 | 213.11900 (05122608) 180.17667 (05111716)
188.71941m(05060124) 153.04982 (05022516) 118.61039
(05081316)
 3814745.5 | 276.06904 (05122608) 232.58104 (05091108)
290.56570 (05011024) 177.56592 (05022516) 155.42361
(05060516)
 3814670.5 | 341.52810 (05122608) 356.80409 (05091108)
426.05108 (05011024) 314.21350m(05060124) 217.90556
(05061524)
 3814595.5 | 772.24164 (05121808) 582.88452 (05121808)
590.13211 (05011024) 420.15282m(05060124) 294.65979
(05061524)
 3814520.5 | 1142.37399 (05100824) 1439.38858 (05110724)
608.52566 (05011024) 274.97126 (05022516) 298.19827
(05060516)
 3814445.5 | 3391.69123 (05042408) 2312.11828 (05100824)
850.99954 (05121808) 494.42943m(05060124) 427.94024
(05060516)
 3814370.5 | 4516.61960 (05042408) 1375.24985 (05022008)
723.25343 (05111716) 705.27275 (05111716) 797.43529
(05060516)
 3814295.5 | 2962.17355 (05111424) 993.91864 (05022008)
0.00000 (00000000) 0.00000 (00000000) 0.00000

(00000000)
3814220.5 | 1167.41272 (05091908) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814145.5 | 3534.05356 (05122308) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814070.5 | 2641.68088 (05010124) 5324.03937 (05010124)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3813995.5 | 2096.19832 (05010124) 2804.30825 (05010124)
3559.47827 (05010124) 4475.04964 (05010124) 5347.97872
(05122008)
3813920.5 | 1624.67964 (05010124) 1983.54381 (05010124)
2292.81688 (05010124) 2404.63871 (05010124) 3405.97298
(05122008)
3813845.5 | 1267.10440 (05010124) 1458.94238 (05010124)
1605.03005 (05010124) 1653.22263 (05010124) 1749.62253
(05013108)
3813770.5 | 1005.82316 (05010124) 1115.21746 (05010124)
1192.50066 (05010124) 1216.83492 (05010124) 1186.82637
(05013108)
3813695.5 | 814.72808 (05010124) 880.78457 (05010124)
925.35777 (05010124) 939.02752 (05010124) 918.55016
(05010124)
3813620.5 | 672.68836 (05010124) 714.61805 (05010124)
741.99401 (05010124) 750.20016 (05010124) 737.78691
(05010124)
3813545.5 | 566.39403 (05010124) 593.64691 (05010124)
610.51126 (05010124) 615.57262 (05010124) 607.50573
(05010124)
3813470.5 | 486.01424 (05010124) 505.66397 (05010124)
513.61761 (05010124) 515.93235 (05010124) 510.36107
(05010124)
3813395.5 | 552.37725 (05010124) 460.05278 (05010124)
440.22387 (05010124) 440.09298 (05010124) 435.98356
(05010124)
3813320.5 | 321.73338 (05120408) 644.37276 (05011808)
413.75088 (05010124) 383.45830 (05010124) 385.54286
(05011808)
3813245.5 | 394.20703 (05010124) 462.81874 (05120408)
604.77138 (05011808) 413.49840 (05010124) 355.51999
(05011808)
3813170.5 | 290.64236 (05010124) 376.75593 (05010124)
548.70257 (05011808) 566.71949 (05011808) 365.87643
(05011808)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350045.28 350120.28
350195.28 350270.28 350345.28
- -
- -
-

3816095.5 | 73.27993 (05071008) 73.06466 (05030716)
101.83150 (05031224) 40.56998 (05030716) 39.78337
(05120216)
3816020.5 | 68.24407 (05071008) 111.22589 (05060424)
153.73413 (05031224) 152.31658 (05031224) 98.60314
(05020708)
3815945.5 | 86.45253 (05071008) 165.80541 (05031224)
209.01323 (05031224) 220.75375 (05031224) 320.19317
(05020708)
3815870.5 | 158.67682 (05071008) 211.00325 (05031224)
305.34895 (05031224) 295.29487 (05031224) 460.20962
(05020708)
3815795.5 | 299.87018 (05102308) 359.93660 (05031224)
415.51961 (05031224) 357.92566 (05020708) 487.22269
(05020708)
3815720.5 | 232.73606 (05060424) 440.22102 (05031224)
496.02844 (05031224) 460.63190 (05020708) 501.65240
(05112324)
3815645.5 | 291.86720 (05060424) 459.22913 (05031224)
493.33627 (05031224) 501.85265 (05020708) 496.79590
(05112324)
3815570.5 | 241.41410 (05060424) 344.06753 (05031224)

271.99890 (05031224) 556.16484 (05020708) 598.45980
(05112324)
3815495.5 | 107.49434 (05031224) 204.18351 (05031224)
83.76094 (05031224) 244.63379 (05060224) 393.16739
(05060224)
3815420.5 | 90.83318 (05030716) 94.51291 (05031224)
58.93316 (05052116) 181.91017 (05060224) 217.99195
(05050524)
3815345.5 | 91.83210 (05030716) 66.56457 (05060516)
61.78918 (05052116) 77.62772 (05050524) 157.08902
(05050524)
3815270.5 | 61.58011 (05081316) 55.54915 (05060516)
66.69329 (05010616) 92.06637 (05050524) 121.93342
(05050524)
3815195.5 | 91.37793 (05030716) 57.74293 (05060516)
66.71256 (05010616) 62.14692 (05050524) 62.53944
(05012616)
3815120.5 | 91.06235 (05030716) 63.55190 (05060516)
69.74364 (05010616) 56.41587 (05120516) 66.75867
(05012616)
3815045.5 | 92.73501 (05060516) 75.35374 (05010616)
67.58969 (05010616) 70.55653 (05110416) 97.23976
(05110208)
3814970.5 | 104.09514 (05060516) 70.94408 (05060516)
67.45761 (05110416) 81.08948 (05110208) 129.74016
(05110208)
3814895.5 | 93.06042 (05060516) 72.37215 (05010616)
78.94660 (05110416) 117.97561 (05110208) 153.75287
(05110208)
3814820.5 | 112.26150 (05060516) 86.22499 (05010616)
100.69006 (05110208) 152.35271 (05110208) 158.16783
(05110208)
3814745.5 | 143.39889 (05060516) 114.07670 (05110416)
143.38379 (05110208) 170.09518 (05110208) 137.72042
(05110208)
3814670.5 | 188.15382 (05061524) 170.83525 (05102224)
176.07497 (05110208) 159.53339 (05110208) 175.24070
(05101416)
3814595.5 | 230.27909 (05061524) 212.44179 (05102224)
200.03025 (05101416) 203.42103 (05101416) 196.73123
(05101416)
3814520.5 | 227.77929 (05102224) 230.13452 (05101416)
257.37990 (05101416) 211.93819 (05101416) 207.90444
(05120308)
3814445.5 | 386.30890 (05102224) 326.35732 (05101416)
278.09913 (05101416) 195.63591 (05111416) 261.05320
(05111416)
3814370.5 | 560.64864 (05101416) 502.91065 (05101416)
325.99881 (05111416) 376.88901 (05111416) 525.75753
(05111416)
3814295.5 | 794.84616 (05101416) 566.79303 (05111416)
437.88254 (05111416) 517.00536 (05111416) 1468.01371

(05121824)
3814220.5 | 1761.75910 (05121824) 853.27124 (05122716)
624.48798 (05122716) 475.28795 (05122716) 1517.54299
(05101824)
3814145.5 | 4345.18520 (05101308) 4471.02995 (05021408)
477.64789 (05121316) 724.90477 (05021408) 417.00343
(05031324)
3814070.5 | 1856.03780 (05020908) 4654.13309 (05120108)
751.03804 (05012824) 619.99888 (05122708) 627.90217
(05122708)
3813995.5 | 5258.16147 (05011608) 5456.71282 (05111824)
3308.60712 (05111824) 3836.04769 (05111824) 607.82205
(05122708)
3813920.5 | 3749.86710 (05011608) 3776.34462 (05011608)
5278.53005 (05110108) 812.22583 (05020908) 689.19225
(05020908)
3813845.5 | 2645.88002 (05122008) 3185.40381 (05011608)
4385.76431 (05120608) 3488.74198 (05110108) 1797.66453
(05120708)
3813770.5 | 1685.55925 (05122008) 2634.87149 (05011608)
2751.24987 (05011608) 2052.17051 (05120608) 1758.98681
(05120608)
3813695.5 | 1447.47554 (05013108) 1830.72404 (05122008)
1860.55360 (05011608) 1843.25939 (05011608) 1523.75231
(05120608)
3813620.5 | 855.59984 (05013108) 1104.96038 (05122008)
1393.87443 (05122008) 1575.57042 (05011608) 1497.40752
(05011608)
3813545.5 | 653.98822 (05013108) 792.39335 (05013108)
1071.91290 (05122008) 1249.88455 (05011608) 1298.54838
(05011608)
3813470.5 | 505.70294 (05013108) 648.00709 (05013108)
792.42178 (05122008) 999.64777 (05122008) 1115.04753
(05011608)
3813395.5 | 426.64312 (05011808) 527.83142 (05013108)
595.32683 (05013108) 789.34178 (05122008) 905.42940
(05122008)
3813320.5 | 375.47182 (05011808) 429.52054 (05013108)
509.91620 (05013108) 600.64646 (05122008) 757.19723
(05122008)
3813245.5 | 344.88325 (05011808) 359.71731 (05013108)
433.56640 (05013108) 463.68793 (05013108) 607.34447
(05122008)
3813170.5 | 338.28688 (05011808) 302.83591 (05013108)
370.34983 (05013108) 412.22321 (05013108) 474.05344
(05122008)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350420.28 350495.28
350570.28 350645.28 350720.28
- -
- -
-

3816095.5 | 118.86113 (05020708) 67.77273 (05050524)
79.20286 (05060224) 33.93076 (05072208) 50.06152
(05012624)
3816020.5 | 135.17355 (05060224) 194.78813 (05060224)
144.09576 (05060224) 99.45310 (05012624) 113.02076
(05050524)
3815945.5 | 417.11478 (05020708) 319.32644 (05112324)
309.74187 (05112324) 235.95865 (05012624) 327.13181
(05102208)
3815870.5 | 469.13961 (05112324) 463.94629 (05112324)
367.08436 (05040124) 312.99739 (05102824) 204.66591
(05081424)
3815795.5 | 467.90393 (05112324) 241.95536 (05010124)
321.39673 (05022624) 209.82348 (05010124) 230.78624
(05081424)
3815720.5 | 263.42070 (05010124) 258.87819 (05010124)
239.63144 (05010124) 236.48938 (05081424) 254.80010
(05081424)
3815645.5 | 285.27733 (05010124) 269.32358 (05010124)
237.04096 (05081424) 263.71006 (05081424) 269.78559
(05081424)
3815570.5 | 516.34522 (05112324) 285.24233 (05010124)

273.86415 (05081424)   297.96538 (05081424)   288.79797
(05081424)
 3815495.5 | 170.99184 (05050524)   408.64381 (05022624)
454.83490 (05120724)   328.99934 (05081424)   306.50548
(05081424)
 3815420.5 | 324.88485 (05050524)   496.41249 (05102208)
598.44495 (05120724)   350.79453 (05081424)   311.88052
(05081424)
 3815345.5 | 209.53596 (05050524)   267.34551 (05081424)
432.70882 (05120724)   730.83909 (05120724)   333.68913
(05110208)
 3815270.5 | 91.02355 (05102224)   92.90911 (05110208)
122.76257 (05081424)   389.57034 (05120724)   104.51257
(05110208)
 3815195.5 | 80.60675 (05110208)   118.12966 (05110208)
132.73397 (05110208)   116.83256 (05110208)   106.11213
(05102224)
 3815120.5 | 109.81951 (05110208)   136.30049 (05110208)
129.17948 (05110208)   95.91079 (05110208)   88.59081
(05101416)
 3815045.5 | 135.65392 (05110208)   140.39964 (05110208)
110.81842 (05110208)   93.89958 (05101416)   89.39390
(05101416)
 3814970.5 | 149.15306 (05110208)   126.80784 (05110208)
105.71063 (05101416)   100.11573 (05101416)   84.54915
(05101416)
 3814895.5 | 143.04441 (05110208)   122.26814 (05101416)
114.85170 (05101416)   143.86160 (05120308)   152.66479
(05120308)
 3814820.5 | 137.06230 (05101416)   133.73915 (05101416)
215.59873 (05120308)   332.16458 (05120308)   581.82725
(05120308)
 3814745.5 | 140.88375 (05101416)   129.13041 (05101416)
105.26221 (05112216)   124.28284 (05120308)   121.90890
(05120308)
 3814670.5 | 158.63737 (05101416)   119.76265 (05101416)
118.44520 (05103116)   230.21269 (05120308)   322.58028
(05120308)
 3814595.5 | 222.53516 (05120308)   315.54796 (05120308)
149.49783 (05111416)   308.38690 (05111416)   1407.80990
(05102808)
 3814520.5 | 534.50392 (05120308)   930.46714 (05102808)
1131.16116 (05102808)   592.58241 (05102808)   726.56592
(05110208)
 3814445.5 | 293.77508 (05111416)   452.31370 (05111416)
1680.74113 (05110208)   947.78166 (05110208)   835.86329
(05110208)
 3814370.5 | 454.97264 (05111416)   239.64655 (05111416)
302.26548 (05111716)   1779.44956 (05110208)   1148.65733
(05121824)
 3814295.5 | 3259.74892 (05110208)   2360.64482 (05110208)
1292.10157 (05121824)   1534.12032 (05121824)   1302.64516

(05121824)
3814220.5 | 1573.56238 (05121308) 1278.44498 (05121308) 1087.04439 (05121308) 951.58377 (05121308) 412.89501 (05101824)
3814145.5 | 3570.88246 (05121308) 1427.93995 (05121308) 1096.15356 (05121308) 1145.80545 (05121308) 944.58538 (05121308)
3814070.5 | 1747.53369 (05121308) 1343.15731 (05121308) 1072.88095 (05021408) 978.01370 (05021408) 894.02201 (05021408)
3813995.5 | 1597.98511 (05121608) 1164.58442 (05121608) 1008.84698 (05121608) 827.80071 (05021408) 745.44160 (05021408)
3813920.5 | 1656.98103 (05120108) 1376.42512 (05120108) 920.71078 (05101308) 805.26357 (05101308) 680.80497 (05121608)
3813845.5 | 2397.97554 (05111824) 3193.88201 (05111824) 1153.10054 (05120108) 1003.51569 (05011308) 723.80128 (05011308)
3813770.5 | 1357.08960 (05120708) 1275.92288 (05111824) 1179.92493 (05111824) 2667.26569 (05111824) 2101.94425 (05010608)
3813695.5 | 1157.90398 (05120608) 1010.82630 (05120708) 1106.46845 (05120708) 1009.49198 (05111824) 840.28756 (05111824)
3813620.5 | 1134.78046 (05120608) 980.83320 (05120608) 854.78116 (05110108) 882.59570 (05120708) 710.39500 (05020908)
3813545.5 | 1130.29714 (05011608) 1016.37412 (05120608) 813.68054 (05120608) 848.25260 (05110108) 650.28558 (05120708)
3813470.5 | 1100.16238 (05011608) 924.20604 (05011608) 892.89690 (05120608) 773.44532 (05120608) 604.92654 (05110108)
3813395.5 | 988.07787 (05011608) 930.26269 (05011608) 788.25459 (05011608) 805.07017 (05120608) 753.51728 (05120608)
3813320.5 | 834.79962 (05011608) 872.36001 (05011608) 800.78335 (05011608) 728.23900 (05011608) 621.42946 (05120608)
3813245.5 | 709.10929 (05122008) 767.83544 (05011608) 767.50087 (05011608) 687.92764 (05011608) 647.90351 (05122108)
3813170.5 | 595.82506 (05122008) 651.51952 (05122008) 698.69198 (05011608) 676.01451 (05011608) 618.26733 (05011608)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF CO IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350795.28 350870.28
350945.28 351020.28 351095.28
- -
- -
-

3816095.5 | 303.36693 (05102824) 156.43089 (05102208)
93.52819 (05111024) 108.58977 (05111024) 342.13186
(05120724)
3816020.5 | 216.26583 (05102208) 322.47825 (05102208)
169.20538 (05111024) 424.84654 (05120724) 392.12962
(05120724)
3815945.5 | 338.74975 (05102208) 211.99205 (05081424)
401.23235 (05120724) 420.87579 (05120724) 176.27354
(05081424)
3815870.5 | 341.79937 (05120724) 227.67396 (05081424)
474.05287 (05120724) 195.01136 (05081424) 166.60063
(05081424)
3815795.5 | 241.92273 (05081424) 239.56641 (05081424)
218.01743 (05081424) 204.20845 (05110208) 155.59213
(05110208)
3815720.5 | 256.72241 (05081424) 242.45859 (05081424)
214.59482 (05081424) 173.70784 (05120724)
172.88430m(05121624)
3815645.5 | 259.12748 (05081424) 234.93548 (05081424)
198.91545 (05081424) 180.79011m(05121624)
176.90125m(05121624)
3815570.5 | 259.19173 (05081424) 219.24651 (05081424)

191.90616m(05121624)   198.27739m(05121624)
194.96497m(05121624)
 3815495.5 | 260.62916 (05081424)   208.10116 (05120724)
205.77120m(05121624)   200.16530m(05121624)
187.28063m(05121624)
 3815420.5 | 254.87237 (05120724)   233.64541m(05121624)
220.22826m(05121624)   203.45052m(05121624)   192.80868
(05102724)
 3815345.5 | 269.08804m(05121624)   258.89672m(05121624)
242.38392m(05121624)   220.86387 (05102724)   205.18262
(05102724)
 3815270.5 | 687.19581 (05051224)   293.70494m(05121624)
281.32740 (05102724)   246.36102 (05102724)   212.41420
(05102724)
 3815195.5 | 452.29232 (05051224)   583.73947 (05051224)
557.34802 (05092508)   276.91651 (05102724)   235.50375
(05102724)
 3815120.5 | 140.40562 (05102724)   180.35068 (05102724)
168.12931 (05120308)   216.94983 (05062608)   453.31004
(05051008)
 3815045.5 | 94.17239 (05120308)   136.29577 (05120308)
201.04438 (05120308)   598.20223 (05062008)   535.25339
(05090208)
 3814970.5 | 161.55286 (05120308)   152.11838 (05120308)
121.89095 (05120308)   179.68078 (05120224)   507.66614
(05082708)
 3814895.5 | 265.10819 (05120308)   478.40378 (05120308)
216.82550 (05120308)   366.48384 (05120308)   647.57912
(05082708)
 3814820.5 | 699.92607 (05101108)   883.45015 (05082708)
629.03515 (05082708)   455.03387 (05102808)   872.67871
(05102808)
 3814745.5 | 600.80529 (05082708)   1000.98753 (05082708)
397.69694 (05102808)   1020.09363 (05102808)   745.08420
(05102808)
 3814670.5 | 277.52754 (05111416)   1180.29419 (05102808)
1100.46856 (05102808)   413.95831 (05110208)   372.43459
(05110208)
 3814595.5 | 1255.72010 (05102808)   538.57323 (05110208)
961.35975 (05110208)   1044.79953 (05110208)   460.94984
(05110208)
 3814520.5 | 616.23534 (05110208)   547.93127 (05110208)
515.17155 (05110208)   528.21289 (05110208)   532.63382
(05110208)
 3814445.5 | 1737.46453 (05110208)   720.05231 (05110208)
586.81081 (05110208)   475.82028 (05110208)   509.51511
(05110208)
 3814370.5 | 794.08711 (05110208)   640.56418 (05110208)
573.16353 (05110208)   444.17386 (05110208)   423.98640
(05121824)
 3814295.5 | 732.93407 (05121824)   574.36496 (05121824)
450.46512 (05121824)   396.94685 (05121824)   372.77637

(05121824)
3814220.5 | 708.93171 (05101824) 577.27806 (05121308) 502.49462 (05121308) 396.45113 (05121308) 355.10225 (05121308)
3814145.5 | 1579.68734 (05120624) 1389.09286 (05121308) 572.02288 (05121308) 559.31612 (05121308) 419.84327 (05121308)
3814070.5 | 799.11576 (05021408) 796.54338 (05021408) 725.72749 (05021408) 616.79188 (05121308) 455.85665 (05121308)
3813995.5 | 721.18683 (05021408) 630.62990 (05021408) 580.05323 (05021408) 574.50453 (05021408) 511.85845 (05021408)
3813920.5 | 608.54177 (05121608) 546.27536 (05121608) 496.01758 (05021408) 472.22629 (05021408) 448.15600 (05021408)
3813845.5 | 615.69335 (05101308) 522.54693 (05101308) 471.72620 (05121608) 434.64187 (05121608) 400.54451 (05121608)
3813770.5 | 651.65358 (05011308) 587.68365 (05011308) 505.24094 (05101308) 422.81637 (05101308) 378.37283 (05101308)
3813695.5 | 613.44569 (05111824) 514.60029 (05010608) 469.50977 (05010608) 421.17783 (05011308) 378.71164 (05011308)
3813620.5 | 610.46439 (05111824) 550.64764 (05111824) 480.99414 (05111824) 416.37983 (05010608) 386.15051 (05010608)
3813545.5 | 562.42482 (05020908) 530.72571 (05111824) 496.24158 (05111824) 448.38612 (05111824) 393.94773 (05111824)
3813470.5 | 544.44443 (05110108) 492.04680 (05120708) 460.69756 (05020908) 443.28132 (05111824) 412.51892 (05111824)
3813395.5 | 494.81828 (05110108) 475.29653 (05110108) 437.90774 (05110108) 412.82268 (05020908) 393.64253 (05111824)
3813320.5 | 521.22644 (05120608) 426.82832 (05110108) 425.16453 (05110108) 399.99883 (05110108) 369.15008 (05020908)
3813245.5 | 520.56195 (05120608) 448.79314 (05120608) 377.77885 (05110108) 381.91662 (05110108) 366.02066 (05110108)
3813170.5 | 508.32488 (05122108) 456.76345 (05120608) 401.47762 (05120608) 339.53774 (05120608) 344.65799 (05110108)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 8-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
350508.88	3814829.88	146.53766	(05102224)
350283.70	3815266.49	95.24719	(05050524)
350539.82	3814604.70	162.03999	(05120308)
350467.63	3814245.45	1451.08633	(05110208)
350008.68	3813941.20	4089.91275	(05011608)
350147.91	3813936.04	3335.49482	(05120608)
350557.01	3814453.44	1657.15305	(05102808)
349200.78	3815251.02	72.95547	(05111216)
349173.28	3815257.89	69.47889	(05111216)
348862.58	3814174.11	449.72789	(05122308)
348862.58	3815183.55	138.70042	(05010424)
350494.71	3815179.68	122.59162	(05110208)
350486.97	3814363.62	236.94797	(05111416)
350216.24	3814363.62	359.30816	(05111416)
350216.24	3814193.45	537.32892	(05122716)
349991.92	3813969.12	5311.66839	(05011608)
349794.67	3813961.39	2729.30914	(05010124)
349597.42	3814065.81	1845.56446	(05010124)
349121.71	3814085.15	554.34850	(05122308)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY OF
MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltCO\RGAltCO.isc
***        06/19/14
                                   ***
***        14:19:42

PAGE  53
 **MODELOPTs:  RegDFAULT CONC
ELEV


                                                   *** THE SUMMARY
OF HIGHEST  1-HR RESULTS ***


                                     ** CONC OF CO       IN
MICROGRAMS/M**3                           **

                                                         DATE
NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS    8355.46109  ON 05040303: AT
(  349670.28,  3814370.46,   390.90,   524.00,    0.00)  GC
UCART1
         HIGH   8TH HIGH VALUE IS    8243.87552  ON 05092101: AT
(  349670.28,  3814370.46,   390.90,   524.00,    0.00)  GC
UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY
OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

DATE
NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL HIGH 1ST HIGH VALUE IS 5456.71282 ON 05111824: AT
(350120.28, 3813995.46, 395.60, 520.00, 0.00) GC
UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltCO\RGAltCO.isc
***        06/19/14
                                   ***
***        14:19:42

PAGE  55
 **MODELOPTs:  RegDFAULT CONC
ELEV


 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          204 Informational Message(s)

 A Total of         8760 Hours Were Processed

 A Total of            0 Calm Hours Identified

 A Total of          204 Missing Hours Identified (  2.33
Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      43  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      44  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 6/19/2014
** File: C:\AERMOD\LosValles\RGAltNOx\RGAltNox\RGAltNox.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\AERMOD\LosValles\RGAltNOx\RGAltNox\RGAltNox.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID NO2
   RUNORNOT RUN
   ERRORFIL RGAltNox.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     349887.570  3814179.790
385.830
** DESCRSRC Grading
   LOCATION VOL2         VOLUME     349370.560  3814249.570
383.120
** DESCRSRC Paving
   LOCATION VOL3         VOLUME     349694.090  3814627.020
410.120
** DESCRSRC Trenching
** Source Parameters **
   SRCPARAM VOL1              4.41     3.000    73.026     1.000
   SRCPARAM VOL2               0.0     3.000    67.126     1.000
   SRCPARAM VOL3               0.0     3.000    68.600     1.000
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
```

```
****************************************
**
**
RE STARTING
   INCLUDED RGAltNox.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE met\burk6.sfc
   PROFFILE met\burk6.PFL
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 175.0 METERS
   STARTEND 2005 1 1 1 2005 12 31 24
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST RGALTNOX.AD\01H1GALL.PLT 31
   PLOTFILE 1 ALL 8TH RGALTNOX.AD\01H8GALL.PLT 32
   PLOTFILE PERIOD ALL RGALTNOX.AD\PE00GALL.PLT 33
   MXDYBYYR ALL RGALTNOX.AD\MXDYBYYR_ALL_NO2.DAT 34
   MAXDAILY ALL RGALTNOX.AD\MAXDAILY_ALL_NO2.DAT 35
   SUMMFILE RGAltNox.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***
```

```
    ********   WARNING MESSAGES   ********
 CO W361      25 COCARD:Multiyear PERIOD/ANNUAL values for
NO2/SO2 require MULTYEAR Opt
 SO W320      43  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      44  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

 ************************************
 *** SETUP Finishes Successfully ***
 ************************************
```

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltNox\RGAltNox.isc
***        06/19/14
                                   ***
***        14:17:15

PAGE   1
 **MODELOPTs:  RegDFAULT CONC
ELEV


                                            ***     MODEL SETUP
OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration
Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Full Conversion Assumed for NO2.

 **Model Assumes No FLAGPOLE Receptor Heights.

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:      3 Source(s);       1 Source Group(s);
and    1619 Receptor(s)

 **The Model Assumes A Pollutant Type of:  NO2

 **Note that special processing requirements apply for the 1-hour
NO2 NAAQS - check available guidance.
   Model will process user-specified ranks of daily maximum 1-
hour values averaged across the number of years modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of
PERIOD values can be simulated using the MULTYEAR keyword.
   Multi-year PERIOD and 1-hour values should only be done in a
```

```
single model run using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND
keyword.

 **Model Set To Continue RUNning After the Setup Testing.

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by
Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for
Plotting (PLOTFILE Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr
Values by Day (MAXDAILY Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr
Values by Year (MXDYBYYR Keyword)
          Model Outputs Separate Summary File of High Ranked
Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =
175.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC
;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of
RAM.

 **Detailed Error/Message File:   RGAltNox.err
 **File for Summary of Results:   RGAltNox.sum
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** VOLUME
SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
VOL1	0	0.44100E+01	349887.6	3814179.8	385.8	3.00	73.03	1.00	NO	
VOL2	0	0.00000E+00	349370.6	3814249.6	383.1	3.00	67.13	1.00	NO	
VOL3	0	0.00000E+00	349694.1	3814627.0	410.1	3.00	68.60	1.00	NO	

**MODELOPTs: RegDFAULT CONC
ELEV

*** SOURCE IDs
DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	VOL1 , VOL2 , VOL3 ,

**MODELOPTs: RegDFAULT CONC
ELEV

*** GRIDDED RECEPTOR
NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF
GRID ***
(METERS)

348170.3, 348245.3, 348320.3, 348395.3, 348470.3,
348545.3, 348620.3, 348695.3, 348770.3, 348845.3,
348920.3, 348995.3, 349070.3, 349145.3, 349220.3,
349295.3, 349370.3, 349445.3, 349520.3, 349595.3,
349670.3, 349745.3, 349820.3, 349895.3, 349970.3,
350045.3, 350120.3, 350195.3, 350270.3, 350345.3,
350420.3, 350495.3, 350570.3, 350645.3, 350720.3,
350795.3, 350870.3, 350945.3, 351020.3, 351095.3,

*** Y-COORDINATES OF
GRID ***
(METERS)

3813170.5, 3813245.5, 3813320.5, 3813395.5, 3813470.5,
3813545.5, 3813620.5, 3813695.5, 3813770.5, 3813845.5,
3813920.5, 3813995.5, 3814070.5, 3814145.5, 3814220.5,
3814295.5, 3814370.5, 3814445.5, 3814520.5, 3814595.5,
3814670.5, 3814745.5, 3814820.5, 3814895.5, 3814970.5,
3815045.5, 3815120.5, 3815195.5, 3815270.5, 3815345.5,
3815420.5, 3815495.5, 3815570.5, 3815645.5, 3815720.5,
3815795.5, 3815870.5, 3815945.5, 3816020.5, 3816095.5,

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	473.20	460.50	461.30	472.50	488.90	483.80	480.90	493.00	487.20
3816020.46	460.70	456.40	459.60	478.20	482.60	482.70	467.70	489.70	476.70
3815945.46	454.90	454.30	459.70	477.60	470.30	479.70	461.70	479.50	468.40
3815870.46	449.30	450.00	453.30	457.60	461.50	465.80	456.80	463.90	462.60
3815795.46	447.90	447.20	448.00	449.80	457.90	450.10	450.20	455.10	456.00
3815720.46	443.50	444.90	447.90	458.90	460.90	443.30	447.00	450.10	451.30
3815645.46	442.20	441.40	445.00	456.70	455.70	440.90	443.30	443.50	450.60
3815570.46	445.80	438.00	441.50	456.50	452.20	433.40	440.10	453.20	465.70
3815495.46	446.40	435.80	441.00	460.90	439.60	434.90	446.40	464.00	

477.90
3815420.46 | 435.50 433.00 442.70
460.10 432.60 434.20 451.80 466.20
455.00
3815345.46 | 432.00 429.60 442.10
452.30 427.20 434.10 443.40 441.70
451.60
3815270.46 | 427.20 427.30 440.90
440.80 422.60 429.70 441.30 457.80
474.20
3815195.46 | 423.40 424.00 432.50
438.90 420.10 421.20 430.50 450.20
468.80
3815120.46 | 420.10 422.00 428.30
438.40 427.20 414.40 422.50 434.00
451.60
3815045.46 | 416.90 418.60 421.80
429.50 427.60 410.70 414.40 420.70
436.20
3814970.46 | 415.70 419.80 426.90
432.40 434.80 412.80 408.60 418.90
431.60
3814895.46 | 431.90 435.20 444.00
438.40 431.30 418.80 403.60 406.20
415.50
3814820.46 | 429.20 425.60 436.80
427.20 423.30 421.60 402.20 402.70
414.50
3814745.46 | 415.60 411.60 420.40
414.20 414.30 417.00 403.20 400.80
402.20
3814670.46 | 402.20 402.60 407.60
410.40 403.70 402.40 397.10 395.30
398.10
3814595.46 | 399.20 396.10 393.90
395.80 399.80 393.00 392.60 393.00
398.60
3814520.46 | 397.70 395.20 392.10
391.10 390.40 388.10 388.20 388.30
403.30
3814445.46 | 396.40 394.20 392.00
391.00 389.20 387.10 385.90 385.60
391.40
3814370.46 | 404.00 397.00 394.70
392.30 388.60 387.90 386.20 384.00
383.20
3814295.46 | 422.40 410.90 401.90
394.90 394.00 391.70 387.00 384.50
382.90
3814220.46 | 430.30 413.50 404.10
406.70 403.00 400.10 390.40 386.10
382.60

3814145.46 | 419.10 413.30 419.50 427.40 420.90 402.90 393.80 386.50 384.20
3814070.46 | 418.60 432.90 452.10 446.80 424.20 403.10 395.20 396.40 386.50
3813995.46 | 437.90 454.80 469.40 447.60 431.20 411.40 408.70 404.50 393.10
3813920.46 | 421.60 429.20 436.50 467.70 439.20 419.80 423.60 415.40 402.00
3813845.46 | 406.90 412.90 432.60 456.50 447.60 446.90 436.80 428.00 413.20
3813770.46 | 402.70 404.70 413.90 434.30 429.90 433.20 429.60 425.20 409.90
3813695.46 | 396.10 402.30 416.70 423.90 417.90 415.80 409.20 406.40 392.80
3813620.46 | 393.70 396.60 409.10 420.60 411.40 403.50 398.80 394.50 395.90
3813545.46 | 394.30 408.10 423.50 425.00 409.80 403.70 407.10 397.80 401.70
3813470.46 | 404.30 421.70 412.10 412.50 415.10 420.70 419.90 403.60 408.30
3813395.46 | 398.10 404.00 397.20 400.40 403.90 419.00 422.90 411.50 420.80
3813320.46 | 386.70 390.40 393.30 395.10 403.90 407.80 424.70 429.30 427.30
3813245.46 | 391.80 393.50 399.40 406.80 423.60 427.90 435.80 447.70 442.10
3813170.46 | 400.50 405.00 415.00 425.60 429.50 423.60 442.20 446.30 429.20

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	487.70	509.30	487.20	504.50	495.50	509.20	498.40	475.30	487.10
3816020.46	487.40	501.20	479.60	494.80	483.50	496.40	476.20	467.40	483.20
3815945.46	474.90	478.50	470.60	490.40	471.80	494.00	475.10	459.60	473.90
3815870.46	465.10	467.50	468.80	469.10	464.00	471.50	470.20	455.20	449.70
3815795.46	458.40	464.00	458.80	458.10	458.00	461.60	463.80	462.60	449.70
3815720.46	456.70	457.50	449.80	452.30	454.10	455.60	458.30	456.70	447.00
3815645.46	456.00	461.00	450.70	447.60	450.10	452.20	459.00	462.70	457.70
3815570.46	465.80	464.80	452.30	442.90	447.60	458.10	477.00	483.20	475.50
3815495.46	479.80	467.10	459.70	440.30	449.90	464.30	473.40	475.70	

499.20
3815420.46 | 475.80 467.70 448.20
435.70 443.10 450.00 461.70 471.00
485.90
3815345.46 | 469.90 462.00 441.20
436.80 457.20 476.30 475.40 503.50
504.10
3815270.46 | 457.90 453.10 439.50
430.90 453.90 458.70 472.00 500.70
479.80
3815195.46 | 446.30 441.80 424.60
435.80 443.50 457.00 471.90 487.10
464.70
3815120.46 | 435.20 429.10 423.50
431.20 442.10 460.80 474.00 463.90
450.50
3815045.46 | 430.40 420.90 423.40
444.90 443.70 448.80 454.70 447.10
438.80
3814970.46 | 433.00 412.60 414.50
422.10 435.40 457.90 442.40 432.40
433.10
3814895.46 | 422.50 410.20 417.90
430.00 441.50 444.90 432.60 421.40
441.10
3814820.46 | 408.20 403.40 411.60
421.90 418.40 423.30 424.20 417.80
428.30
3814745.46 | 401.70 402.80 419.90
412.50 415.60 416.60 412.60 417.10
449.50
3814670.46 | 397.40 402.40 410.70
406.70 402.70 406.10 404.40 413.90
432.00
3814595.46 | 398.90 415.30 408.70
395.70 394.00 399.40 398.30 405.20
415.20
3814520.46 | 412.60 409.40 404.40
393.80 387.40 395.60 394.30 397.90
416.00
3814445.46 | 394.70 392.90 396.10
396.30 385.10 387.30 394.30 407.00
414.30
3814370.46 | 383.60 380.70 378.60
381.30 381.90 389.20 404.80 402.90
404.10
3814295.46 | 381.10 378.90 378.00
377.60 379.10 379.10 391.60 391.90
401.40
3814220.46 | 380.20 378.60 377.00
376.10 375.10 373.80 374.50 380.40
391.20

3814145.46 | 381.10 378.60 376.10
374.60 372.70 371.40 369.70 370.00
375.10
3814070.46 | 380.20 379.00 378.00
374.60 372.10 369.70 368.20 367.00
366.80
3813995.46 | 386.60 387.20 382.20
374.00 371.10 369.00 367.70 366.60
365.10
3813920.46 | 389.50 380.00 378.20
375.80 372.90 371.40 369.20 365.70
365.00
3813845.46 | 388.30 383.50 383.00
389.80 393.00 387.70 372.90 369.00
366.00
3813770.46 | 385.80 407.60 409.30
403.60 403.70 386.20 373.70 372.50
369.10
3813695.46 | 398.00 409.10 437.20
423.30 404.70 386.20 384.50 377.60
370.40
3813620.46 | 396.40 411.00 425.80
430.70 420.10 409.40 384.80 386.50
381.40
3813545.46 | 405.70 402.90 411.80
420.20 404.90 394.00 396.60 409.90
400.30
3813470.46 | 418.00 411.90 409.90
419.10 413.60 401.50 404.90 426.70
408.00
3813395.46 | 427.80 431.90 414.90
415.60 404.40 409.50 393.90 397.50
410.90
3813320.46 | 440.90 429.00 421.20
416.20 396.90 391.90 386.50 385.60
395.40
3813245.46 | 423.40 413.80 403.20
406.40 403.80 404.00 391.50 378.70
387.90
3813170.46 | 419.60 410.80 402.60
394.00 397.40 388.90 383.70 380.00
376.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	480.80	484.10	464.80	456.50	458.10	459.40	457.40	435.00	446.90
3816020.46	460.80	461.90	462.90	447.80	442.20	436.30	449.80	436.40	427.80
3815945.46	453.30	443.60	447.80	441.40	434.50	428.90	427.00	432.00	420.70
3815870.46	452.10	440.50	435.80	431.60	427.50	423.70	419.50	420.20	417.50
3815795.46	441.20	438.00	434.20	429.20	423.80	418.20	414.50	410.40	408.40
3815720.46	444.60	452.50	448.30	428.30	422.40	415.80	417.00	414.50	405.20
3815645.46	450.30	459.60	436.90	427.30	427.10	424.80	416.60	411.50	406.10
3815570.46	456.60	459.20	439.60	438.60	436.00	426.00	424.90	415.00	413.00
3815495.46	470.00	468.20	450.50	466.60	443.80	432.40	442.00	433.70	

424.00
3815420.46 | 485.80 486.80 482.20
458.10 449.10 449.60 458.50 440.80
438.50
3815345.46 | 518.10 506.80 505.40
477.20 472.70 477.40 486.10 458.50
464.40
3815270.46 | 498.00 488.80 497.60
493.90 510.40 497.60 496.10 492.80
497.50
3815195.46 | 468.40 483.80 486.10
471.20 483.30 491.50 472.30 479.60
510.80
3815120.46 | 456.50 471.50 494.50
461.60 467.40 484.90 463.10 478.30
499.50
3815045.46 | 449.10 467.80 470.10
468.20 449.80 467.10 455.00 476.30
490.00
3814970.46 | 464.40 468.80 447.60
465.40 446.30 449.20 454.00 467.40
499.10
3814895.46 | 450.50 449.70 436.50
458.90 441.30 437.30 466.60 504.50
513.10
3814820.46 | 451.10 442.20 428.20
441.00 432.60 441.40 475.50 488.70
481.30
3814745.46 | 461.30 449.00 426.80
431.60 423.20 437.30 452.70 457.70
455.40
3814670.46 | 430.40 420.40 424.30
419.60 415.60 423.00 430.00 437.40
442.80
3814595.46 | 419.60 407.70 406.00
410.10 410.10 418.70 425.50 431.40
441.80
3814520.46 | 420.90 401.90 402.40
400.80 411.80 440.00 442.30 451.30
450.00
3814445.46 | 415.90 396.50 393.00
397.70 407.60 418.40 432.50 426.30
452.40
3814370.46 | 400.50 386.90 390.90
404.40 426.50 415.70 412.00 426.90
421.60
3814295.46 | 391.10 383.90 397.40
417.30 408.00 391.70 412.90 414.40
426.10
3814220.46 | 386.90 381.00 404.40
418.40 405.40 386.80 411.50 400.20
419.60

3814145.46 | 376.60 378.10 390.60
400.90 386.20 392.30 414.80 396.00
397.10
3814070.46 | 369.60 373.60 372.40
386.70 376.60 381.90 402.40 401.40
390.30
3813995.46 | 365.10 364.70 365.20
365.80 367.70 389.80 394.70 379.10
395.60
3813920.46 | 364.00 363.10 362.10
360.40 362.10 369.60 378.60 370.90
380.20
3813845.46 | 363.60 360.80 359.60
358.10 357.00 362.20 363.50 371.50
375.60
3813770.46 | 363.60 360.10 357.70
356.20 355.10 357.00 359.00 363.00
379.20
3813695.46 | 364.10 361.10 357.60
355.10 354.00 354.60 355.30 382.30
375.00
3813620.46 | 374.60 370.30 357.70
355.10 352.70 351.10 352.70 354.70
353.50
3813545.46 | 393.50 374.30 362.40
359.70 353.70 349.70 349.50 348.60
348.60
3813470.46 | 389.40 378.60 368.10
368.20 358.90 350.10 347.60 346.10
346.10
3813395.46 | 400.00 386.40 386.00
377.00 363.40 352.50 349.20 347.40
344.60
3813320.46 | 389.80 391.60 403.30
393.10 377.50 364.10 360.30 349.80
343.00
3813245.46 | 377.40 381.30 381.90
400.40 396.20 382.20 366.00 359.00
352.60
3813170.46 | 377.30 368.10 370.20
384.20 392.00 396.90 381.90 369.20
356.30

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	435.70	453.50	453.60	426.90	443.30	434.90	459.60	441.80	402.90
3816020.46	426.70	424.60	426.40	425.80	419.00	418.80	428.70	420.40	413.40
3815945.46	420.70	416.40	409.40	404.10	409.00	405.20	409.50	397.50	404.20
3815870.46	413.70	409.80	400.50	395.40	400.90	398.10	404.00	388.00	396.50
3815795.46	407.40	404.50	401.00	393.70	390.50	391.60	389.00	384.70	381.70
3815720.46	401.50	399.80	396.60	390.40	386.20	385.20	390.40	380.00	377.70
3815645.46	402.30	395.70	393.10	388.20	383.90	378.70	376.80	371.70	369.30
3815570.46	414.50	400.30	395.90	395.90	386.30	378.40	380.40	372.20	366.50
3815495.46	435.70	417.20	407.90	420.20	402.90	392.00	385.20	376.80	

370.50
3815420.46 | 451.10 424.10 417.60
407.90 400.10 394.20 386.10 380.40
374.20
3815345.46 | 471.30 449.50 425.00
414.10 411.90 406.70 393.00 389.80
377.40
3815270.46 | 461.80 443.30 429.10
432.70 446.80 425.50 408.30 424.60
401.40
3815195.46 | 490.70 464.90 452.50
458.40 482.80 464.90 450.30 425.10
407.00
3815120.46 | 476.70 481.40 478.70
468.50 462.70 478.20 464.90 442.60
423.40
3815045.46 | 481.70 459.00 459.80
468.90 446.30 477.00 471.20 441.60
437.20
3814970.46 | 472.20 474.20 444.10
459.20 434.40 458.50 442.60 449.50
423.20
3814895.46 | 481.00 458.50 456.60
435.20 429.70 434.30 427.50 425.90
414.20
3814820.46 | 474.20 455.80 441.90
438.40 426.80 419.40 412.00 403.50
399.40
3814745.46 | 471.60 468.30 476.20
469.10 450.30 443.40 432.20 433.10
405.60
3814670.46 | 445.90 466.20 455.80
441.40 445.40 449.10 423.70 415.40
418.60
3814595.46 | 449.70 460.30 439.60
426.30 420.00 439.90 417.50 394.70
398.60
3814520.46 | 454.20 461.40 429.60
411.80 404.10 403.00 409.00 385.50
374.60
3814445.46 | 453.50 456.80 438.00
425.80 414.80 396.90 388.40 380.60
395.10
3814370.46 | 451.80 421.50 411.00
411.80 428.80 415.70 399.50 403.80
380.80
3814295.46 | 440.40 417.20 402.50
393.70 398.20 403.40 401.00 401.80
381.70
3814220.46 | 423.80 427.40 402.60
387.80 382.00 382.20 386.50 413.60
406.70

3814145.46 | 420.20 409.90 414.50
394.40 375.10 366.90 385.40 378.20
398.50
3814070.46 | 409.50 410.40 410.00
379.70 371.70 361.30 365.30 368.30
368.70
3813995.46 | 387.70 397.20 410.40
379.80 367.80 367.50 358.40 350.50
360.10
3813920.46 | 392.00 408.60 409.10
388.50 389.10 362.60 360.10 346.20
338.50
3813845.46 | 394.80 397.20 380.50
401.00 396.90 384.10 389.10 364.60
357.60
3813770.46 | 381.20 377.50 382.60
375.80 379.70 381.50 395.60 392.70
364.90
3813695.46 | 361.80 367.20 370.80
362.70 367.80 387.30 382.60 372.80
349.10
3813620.46 | 355.30 359.10 366.30
358.30 362.70 368.00 375.70 362.30
336.90
3813545.46 | 348.60 349.90 349.60
353.10 364.90 357.80 383.40 358.90
332.50
3813470.46 | 346.10 345.30 344.40
347.10 347.10 366.60 367.70 360.10
345.20
3813395.46 | 344.70 342.90 341.60
341.60 341.30 350.00 369.90 380.70
344.30
3813320.46 | 343.00 340.70 339.20
339.10 339.90 341.90 361.40 353.50
345.30
3813245.46 | 342.20 339.60 338.10
338.00 338.00 336.90 337.90 363.60
337.20
3813170.46 | 346.10 341.50 338.20
336.70 336.90 335.70 334.10 347.00
340.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	418.40	427.80	424.70	407.00
3816020.46	399.80	416.10	400.50	392.70
3815945.46	390.40	402.30	392.80	375.90
3815870.46	388.50	394.20	374.20	371.90
3815795.46	384.40	376.00	385.30	366.70
3815720.46	376.80	376.10	366.90	365.90
3815645.46	369.60	369.90	364.20	356.80
3815570.46	363.80	365.10	363.60	365.00
3815495.46	364.50	358.80	356.60	356.80
3815420.46	366.70	358.30	355.50	350.20
3815345.46	368.50	366.60	359.50	351.40
3815270.46	382.90	386.40	367.50	355.60
3815195.46	401.50	392.00	387.50	377.40
3815120.46	418.80	419.20	414.10	

391.90
3815045.46 | 425.90 416.10 398.80
399.40
3814970.46 | 422.80 425.70 419.20
404.50
3814895.46 | 404.80 418.20 409.90
403.50
3814820.46 | 396.00 404.80 409.00
395.30
3814745.46 | 393.60 385.40 396.60
404.80
3814670.46 | 397.50 397.60 385.60
375.40
3814595.46 | 386.20 391.80 393.80
379.30
3814520.46 | 366.80 365.90 375.80
387.60
3814445.46 | 389.80 372.30 356.30
376.90
3814370.46 | 372.10 372.50 350.00
361.10
3814295.46 | 369.20 350.60 346.20
356.10
3814220.46 | 370.90 367.50 345.80
338.50
3814145.46 | 391.50 364.20 372.50
346.10
3814070.46 | 380.70 386.70 375.80
349.00
3813995.46 | 348.70 348.50 361.30
356.40
3813920.46 | 338.30 335.60 335.70
336.40
3813845.46 | 339.20 335.40 327.20
326.70
3813770.46 | 364.90 359.80 335.40
323.40
3813695.46 | 342.50 338.10 322.60
320.10
3813620.46 | 327.30 320.20 318.70
318.10
3813545.46 | 325.30 319.10 318.00
318.00
3813470.46 | 320.20 317.20 317.00
317.00
3813395.46 | 319.60 317.60 317.00
317.00
3813320.46 | 319.60 318.10 317.00
316.00
3813245.46 | 319.60 316.20 316.00
316.00
3813170.46 | 320.00 316.00 316.00

315.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	760.00	760.00	760.00	760.00	609.00	609.00	609.00	609.00	609.00
3816020.46	760.00	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00
3815945.46	760.00	760.00	760.00	609.00	700.00	609.00	700.00	609.00	609.00
3815870.46	760.00	760.00	760.00	700.00	700.00	609.00	700.00	609.00	609.00
3815795.46	760.00	760.00	760.00	760.00	700.00	700.00	700.00	609.00	609.00
3815720.46	760.00	760.00	760.00	609.00	609.00	700.00	609.00	609.00	609.00
3815645.46	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815570.46	700.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815495.46	496.00	700.00	609.00	463.00	609.00	609.00	609.00	585.00	

482.00
3815420.46 | 700.00 700.00 574.00
465.00 609.00 609.00 609.00 482.00
609.00
3815345.46 | 496.00 609.00 482.00
465.00 609.00 609.00 609.00 609.00
585.00
3815270.46 | 496.00 574.00 482.00
481.00 609.00 609.00 585.00 481.00
481.00
3815195.46 | 496.00 496.00 482.00
481.00 609.00 609.00 609.00 481.00
481.00
3815120.46 | 496.00 496.00 482.00
481.00 482.00 609.00 609.00 524.00
481.00
3815045.46 | 496.00 495.00 482.00
481.00 481.00 609.00 609.00 585.00
524.00
3814970.46 | 495.00 481.00 481.00
481.00 481.00 574.00 609.00 574.00
524.00
3814895.46 | 452.00 452.00 452.00
452.00 481.00 481.00 585.00 585.00
524.00
3814820.46 | 452.00 452.00 452.00
452.00 481.00 481.00 574.00 574.00
524.00
3814745.46 | 452.00 452.00 452.00
481.00 481.00 481.00 524.00 524.00
524.00
3814670.46 | 524.00 475.00 475.00
481.00 481.00 524.00 524.00 524.00
524.00
3814595.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814520.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814445.46 | 527.00 524.00 517.00
481.00 481.00 524.00 524.00 524.00
524.00
3814370.46 | 524.00 524.00 475.00
475.00 481.00 481.00 524.00 524.00
524.00
3814295.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 524.00
524.00
3814220.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
524.00

3814145.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3814070.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813995.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813920.46 | 475.00 475.00 475.00
473.00 475.00 475.00 475.00 475.00
475.00
3813845.46 | 475.00 475.00 475.00
475.00 475.00 473.00 475.00 475.00
475.00
3813770.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813695.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813620.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813545.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813470.46 | 475.00 473.00 475.00
475.00 475.00 473.00 464.00 475.00
473.00
3813395.46 | 475.00 475.00 475.00
475.00 475.00 464.00 464.00 464.00
464.00
3813320.46 | 504.00 504.00 504.00
504.00 504.00 504.00 464.00 464.00
464.00
3813245.46 | 504.00 504.00 504.00
504.00 464.00 464.00 464.00 464.00
464.00
3813170.46 | 504.00 504.00 504.00
464.00 464.00 504.00 464.00 464.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	585.00	524.00	585.00
3815495.46	479.80	609.00	609.00	609.00	609.00	609.00	585.00	524.00	

524.00
3815420.46 | 480.00 574.00 609.00
609.00 609.00 609.00 585.00 524.00
524.00
3815345.46 | 481.00 524.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815270.46 | 481.00 574.00 609.00
609.00 574.00 524.00 524.00 524.00
524.00
3815195.46 | 524.00 585.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815120.46 | 585.00 609.00 609.00
609.00 524.00 524.00 524.00 524.00
524.00
3815045.46 | 524.00 609.00 609.00
524.00 524.00 524.00 524.00 524.00
524.00
3814970.46 | 524.00 609.00 609.00
585.00 524.00 524.00 524.00 524.00
524.00
3814895.46 | 524.00 585.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814820.46 | 524.00 585.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814745.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814670.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814595.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814520.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814445.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814370.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814295.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814220.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00

3814145.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814070.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3813995.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813920.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813845.46 | 475.00 475.00 475.00
475.00 473.00 441.00 524.00 524.00
524.00
3813770.46 | 475.00 475.00 441.00
441.00 441.00 447.00 520.00 520.00
520.00
3813695.46 | 475.00 473.00 439.00
441.00 441.00 464.00 447.00 520.00
520.00
3813620.46 | 475.00 464.00 441.00
441.00 441.00 441.00 464.00 443.00
441.00
3813545.46 | 473.00 473.00 464.00
441.00 464.00 464.00 443.00 432.00
432.00
3813470.46 | 464.00 464.00 464.00
443.00 443.00 464.00 441.00 432.00
432.00
3813395.46 | 464.00 464.00 464.00
464.00 464.00 432.00 504.00 441.00
432.00
3813320.46 | 464.00 464.00 464.00
464.00 504.00 504.00 504.00 504.00
504.00
3813245.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00
3813170.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815495.46	524.00	524.00	609.00	524.00	609.00	609.00	609.00	609.00	

609.00
3815420.46 | 524.00 524.00 524.00
524.00 585.00 557.00 524.00 557.00
557.00
3815345.46 | 524.00 524.00 524.00
524.00 524.00 524.00 519.00 524.00
524.00
3815270.46 | 524.00 524.00 524.00
524.00 513.00 513.00 516.00 516.00
516.00
3815195.46 | 524.00 524.00 524.00
524.00 524.00 519.00 524.00 520.00
516.00
3815120.46 | 524.00 524.00 524.00
524.00 524.00 520.00 524.00 520.00
516.00
3815045.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3814970.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3814895.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814820.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814745.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814670.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
520.00
3814595.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
520.00
3814520.46 | 524.00 524.00 524.00
524.00 524.00 520.00 520.00 520.00
520.00
3814445.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814370.46 | 524.00 524.00 524.00
524.00 520.00 524.00 524.00 520.00
520.00
3814295.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814220.46 | 524.00 524.00 524.00
520.00 524.00 524.00 520.00 524.00
520.00

3814145.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814070.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813995.46 | 524.00 524.00 524.00
524.00 524.00 520.00 520.00 524.00
520.00
3813920.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 524.00
520.00
3813845.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3813770.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3813695.46 | 520.00 520.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813545.46 | 432.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813470.46 | 432.00 441.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813395.46 | 432.00 432.00 432.00
432.00 520.00 520.00 520.00 520.00
520.00
3813320.46 | 504.00 432.00 403.30
405.00 432.00 504.00 520.00 520.00
520.00
3813245.46 | 504.00 504.00 504.00
405.00 405.00 405.00 482.00 482.00
520.00
3813170.46 | 504.00 504.00 504.00
504.00 405.00 405.00 405.00 409.00
482.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	579.00	579.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815495.46	579.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	

609.00
3815420.46 | 524.00 609.00 609.00
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3815345.46 | 520.00 524.00 534.00
579.00 579.00 579.00 609.00 579.00
609.00
3815270.46 | 520.00 524.00 524.00
524.00 520.00 520.00 552.00 520.00
552.00
3815195.46 | 516.00 520.00 520.00
520.00 487.00 520.00 520.00 520.00
520.00
3815120.46 | 520.00 520.00 520.00
520.00 520.00 485.00 487.00 520.00
520.00
3815045.46 | 520.00 520.00 520.00
520.00 520.00 485.00 485.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
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3814895.46 | 520.00 520.00 520.00
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520.00
3814820.46 | 520.00 520.00 520.00
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3814745.46 | 520.00 520.00 520.00
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3814670.46 | 520.00 520.00 520.00
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520.00
3814595.46 | 520.00 520.00 520.00
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3814520.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
524.00
3814445.46 | 520.00 520.00 520.00
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3814370.46 | 520.00 520.00 520.00
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520.00
3814295.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814220.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00

3814145.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
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520.00
3813845.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813770.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 406.00
520.00
3813695.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813545.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 386.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 406.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 386.00
520.00
3813170.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 409.00
409.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	609.00	579.00	579.00	579.00
3816020.46	609.00	579.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00
3815495.46	609.00	609.00	609.00	609.00
3815420.46	609.00	609.00	609.00	609.00
3815345.46	609.00	609.00	609.00	609.00
3815270.46	579.00	579.00	579.00	609.00
3815195.46	534.00	534.00	534.00	552.00
3815120.46	520.00	520.00	520.00	

520.00
3815045.46 | 520.00 520.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
520.00
3814895.46 | 520.00 520.00 520.00
520.00
3814820.46 | 520.00 520.00 520.00
520.00
3814745.46 | 520.00 520.00 520.00
520.00
3814670.46 | 520.00 520.00 520.00
520.00
3814595.46 | 520.00 520.00 520.00
520.00
3814520.46 | 524.00 520.00 520.00
520.00
3814445.46 | 520.00 520.00 520.00
520.00
3814370.46 | 520.00 520.00 520.00
520.00
3814295.46 | 520.00 520.00 520.00
520.00
3814220.46 | 520.00 520.00 520.00
520.00
3814145.46 | 520.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
520.00
3813845.46 | 520.00 520.00 520.00
520.00
3813770.46 | 520.00 520.00 520.00
520.00
3813695.46 | 520.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00
3813545.46 | 520.00 520.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00
3813170.46 | 520.00 520.00 520.00

520.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** DISCRETE
CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD,
ZELEV, ZHILL, ZFLAG)

(METERS)

(350508.9, 3814829.9, 424.8, 520.0, 0.0);
(350283.7, 3815266.5, 441.1, 524.0, 0.0);
(350539.8, 3814604.7, 430.8, 520.0, 0.0);
(350467.6, 3814245.4, 385.7, 520.0, 0.0);
(350008.7, 3813941.2, 374.5, 524.0, 0.0);
(350147.9, 3813936.0, 378.9, 520.0, 0.0);
(350557.0, 3814453.4, 397.3, 520.0, 0.0);
(349200.8, 3815251.0, 455.4, 524.0, 0.0);
(349173.3, 3815257.9, 461.5, 524.0, 0.0);
(348862.6, 3814174.1, 380.0, 524.0, 0.0);
(348862.6, 3815183.5, 439.9, 585.0, 0.0);
(350494.7, 3815179.7, 481.9, 487.0, 0.0);
(350487.0, 3814363.6, 425.7, 520.0, 0.0);
(350216.2, 3814363.6, 442.9, 520.0, 0.0);
(350216.2, 3814193.4, 425.3, 520.0, 0.0);
(349991.9, 3813969.1, 381.1, 520.0, 0.0);
(349794.7, 3813961.4, 363.8, 524.0, 0.0);
(349597.4, 3814065.8, 372.8, 524.0, 0.0);
(349121.7, 3814085.1, 372.9, 524.0, 0.0);

**MODELOPTs: RegDFAULT CONC
ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH
CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR
BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL1	349820.3	3814070.5	-28.63
VOL1	349895.3	3814070.5	-47.40
VOL1	349970.3	3814070.5	-19.91
VOL1	349745.3	3814145.5	-10.63
VOL1	349820.3	3814145.5	-81.46
VOL1	349895.3	3814145.5	-121.82
VOL1	349970.3	3814145.5	-67.45
VOL1	349745.3	3814220.5	-9.02
VOL1	349820.3	3814220.5	-78.38
VOL1	349895.3	3814220.5	-115.61
VOL1	349970.3	3814220.5	-64.84
VOL1	349820.3	3814295.5	-23.19
VOL1	349895.3	3814295.5	-41.08
VOL1	349970.3	3814295.5	-14.81

		VOL2	349295.3
3814145.5	-15.85		
		VOL2	349370.3
3814145.5	-40.21		
		VOL2	349445.3
3814145.5	-16.17		
		VOL2	349295.3
3814220.5	-63.61		
		VOL2	349370.3
3814220.5	-115.21		
		VOL2	349445.3
3814220.5	-64.13		
		VOL2	349295.3
3814295.5	-56.16		
		VOL2	349370.3
3814295.5	-98.43		
		VOL2	349445.3
3814295.5	-56.63		
		VOL2	349295.3
3814370.5	-1.91		
		VOL2	349370.3
3814370.5	-23.43		
		VOL2	349445.3
3814370.5	-2.20		
		VOL3	349595.3
3814520.5	-2.17		
		VOL3	349670.3
3814520.5	-38.30		
		VOL3	349745.3
3814520.5	-29.27		
		VOL3	349595.3
3814595.5	-43.76		
		VOL3	349670.3
3814595.5	-107.96		
		VOL3	349745.3
3814595.5	-87.35		
		VOL3	349820.3
3814595.5	-17.41		
		VOL3	349595.3
3814670.5	-39.55		
		VOL3	349670.3
3814670.5	-97.95		
		VOL3	349745.3
3814670.5	-80.35		
		VOL3	349820.3
3814670.5	-14.03		
		VOL3	349670.3
3814745.5	-26.68		
		VOL3	349745.3
3814745.5	-18.46		

**MODELOPTs: RegDFAULT CONC
ELEV

*** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

METEOROLOGICAL DATA PROCESSED BETWEEN
START DATE: 2005 1 1 1
AND
END DATE: 2005 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED
WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST
THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09,
5.14, 8.23, 10.80,

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltNox\RGAltNox.isc
***        06/19/14
                                   ***
***        14:17:15

PAGE  18
 **MODELOPTs:  RegDFAULT CONC
ELEV


                                    *** UP TO THE FIRST 24 HOURS
OF METEOROLOGICAL DATA ***

   Surface file:   met\burk6.sfc
Met Version:  12345
   Profile file:   met\burk6.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:        0                  Upper air
station no.:     3190
                  Name: UNKNOWN
Name: UNKNOWN
                  Year:   2005
Year:   2005

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN
Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 05 01 01   1 01   -3.2  0.063 -9.000 -9.000 -999.   37.      7.1
0.53   1.00   1.00    0.90  285.    9.1  279.9    5.5
 05 01 01   1 02   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  277.    9.1  279.9    5.5
 05 01 01   1 03   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  335.    9.1  279.2    5.5
 05 01 01   1 04   -2.6  0.063 -9.000 -9.000 -999.   37.      8.6
0.53   1.00   1.00    0.90  291.    9.1  278.8    5.5
 05 01 01   1 05   -3.0  0.063 -9.000 -9.000 -999.   37.      7.4
0.53   1.00   1.00    0.90  334.    9.1  278.1    5.5
 05 01 01   1 06   -0.5  0.028 -9.000 -9.000 -999.   11.      3.8
0.53   1.00   1.00    0.40  309.    9.1  278.8    5.5
 05 01 01   1 07   -2.6  0.063 -9.000 -9.000 -999.   37.      8.6
0.53   1.00   1.00    0.90  313.    9.1  278.8    5.5
 05 01 01   1 08   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   0.56    0.40  256.    9.1  279.2    5.5
 05 01 01   1 09    0.1  0.128  0.022  0.005    4.  105.  -1838.7
0.53   1.00   0.33    0.90  298.    9.1  282.5    5.5
 05 01 01   1 10    0.1  0.128  0.025  0.005    5.  105.  -1838.7
0.53   1.00   0.25    0.90  103.    9.1  286.4    5.5
 05 01 01   1 11    0.1  0.310  0.027  0.005    7.  397.  -8888.0
```

```
0.53   1.00   0.22    2.20  136.    9.1  287.0    5.5
 05 01 01   1 12    0.1  0.310  0.028  0.005    8.  397.  -8888.0
0.53   1.00   0.21    2.20  152.    9.1  287.0    5.5
 05 01 01   1 13    0.1  0.254  0.029  0.005    9.  295.  -8888.0
0.53   1.00   0.21    1.80  187.    9.1  285.9    5.5
 05 01 01   1 14    0.1  0.184  0.030  0.005    9.  182.  -5471.6
0.53   1.00   0.22    1.30  157.    9.1  287.0    5.5
 05 01 01   1 15    0.1  0.184  0.031  0.005   10.  181.  -5471.6
0.53   1.00   0.26    1.30  192.    9.1  286.4    5.5
 05 01 01   1 16    0.1  0.254  0.031  0.005   11.  294.  -8888.0
0.53   1.00   0.34    1.80  188.    9.1  285.9    5.5
 05 01 01   1 17   -4.9  0.092 -9.000 -9.000 -999.   88.     13.8
0.53   1.00   0.61    1.30  200.    9.1  285.4    5.5
 05 01 01   1 18   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  162.    9.1  284.9    5.5
 05 01 01   1 19   -3.0  0.063 -9.000 -9.000 -999.   37.      7.5
0.53   1.00   1.00    0.90  176.    9.1  284.9    5.5
 05 01 01   1 20   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  210.    9.1  284.2    5.5
 05 01 01   1 21   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  236.    9.1  284.2    5.5
 05 01 01   1 22   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  272.    9.1  283.8    5.5
 05 01 01   1 23   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  251.    9.1  283.1    5.5
 05 01 01   1 24   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  301.    9.1  282.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW
sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   279.9   99.0  -99.00  -
99.00
 05 01 01 01    9.1 1  285.    0.90  -999.0   99.0  -99.00  -
99.00

 F indicates top of profile (=1) or below (=0)
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	0.73095	0.88710	0.86944	0.74076	0.65744	0.67212	0.67884	0.60453	0.66167
3816020.46	0.94311	1.01579	0.93977	0.73688	0.71775	0.71670	0.79222	0.68895	0.73435
3815945.46	1.13215	1.13058	0.98873	0.77574	0.83731	0.77305	0.90656	0.76683	0.82153
3815870.46	1.37897	1.33981	1.20710	1.07776	0.99560	0.93055	1.04625	0.92550	0.92310
3815795.46	1.50035	1.52907	1.47853	1.37928	1.12358	1.31543	1.28246	1.12607	1.07695
3815720.46	1.79200	1.71688	1.56666	1.18363	1.13120	1.69215	1.48974	1.34267	1.26421
3815645.46	1.97038	2.00493	1.79715	1.31151	1.33406	1.95366	1.77369	1.71426	1.39255

3815570.46 | 1.89690 2.35890 2.10926
1.39445 1.53982 2.67864 2.10468 1.45236
1.19241
3815495.46 | 1.98979 2.69125 2.28426
1.37974 2.35741 2.73178 1.88636 1.30269
1.15462
3815420.46 | 2.85927 3.11563 2.33122
1.50301 3.15621 2.98559 1.75331 1.36086
1.61287
3815345.46 | 3.30572 3.63976 2.52712
1.92073 4.05077 3.20740 2.37553 2.47865
1.87496
3815270.46 | 3.91817 4.05418 2.74613
2.79365 5.12022 3.99541 2.73125 1.80473
1.48596
3815195.46 | 4.42452 4.58398 3.63139
3.08841 5.95958 5.80949 4.19720 2.31404
1.71205
3815120.46 | 4.81151 4.81166 4.12932
3.19212 4.74552 8.28455 5.95644 4.04023
2.45721
3815045.46 | 5.18325 5.21908 4.98277
4.13504 4.70981 10.18662 8.86867 6.91786
4.09031
3814970.46 | 5.15752 4.64894 3.91114
3.59250 3.62783 9.02964 12.03768 7.72849
5.10474
3814895.46 | 2.64130 2.59100 2.21814
2.80942 3.81230 6.47957 14.72767 14.43959
9.64541
3814820.46 | 2.61719 3.23224 2.46024
3.66018 4.60284 5.40577 14.76194 16.21493
9.90721
3814745.46 | 4.06705 5.48553 3.88102
5.70964 6.21700 5.99330 13.30504 16.44322
17.58310
3814670.46 | 6.70956 7.33419 6.51423
6.20650 9.66561 11.38868 15.28401 18.10787
19.14244
3814595.46 | 6.49459 7.95302 9.42782
9.99961 9.90753 13.51837 15.39904 17.44586
17.26920
3814520.46 | 6.07458 7.30827 8.82535
10.05986 12.52702 13.98395 15.63541 17.59976
12.10846
3814445.46 | 5.77971 6.87078 8.02405
9.14840 11.81309 13.15185 14.70075 16.52985
16.53636
3814370.46 | 3.72485 5.54068 6.66356
7.90991 11.07511 12.26784 13.68842 15.26910
17.20075
3814295.46 | 0.91375 2.11566 4.10428

6.36194 7.27698 8.77367 12.68329 14.12147
15.77283
3814220.46 | 0.45252 1.32839 2.88533
2.54382 3.58407 4.73159 11.65883 13.07917
14.43379
3814145.46 | 0.63523 1.03736 0.66750
0.43878 0.66553 3.07673 6.57432 12.11929
13.42023
3814070.46 | 0.55392 0.24586 0.12341
0.14840 0.42762 2.53647 5.21309 5.12296
12.57858
3813995.46 | 0.16355 0.09824 0.08805
0.12529 0.24276 0.96742 1.29745 2.08101
6.54102
3813920.46 | 0.33332 0.21506 0.15547
0.08825 0.14728 0.40178 0.32122 0.58181
2.44046
3813845.46 | 1.06507 0.61102 0.16464
0.09063 0.10815 0.11491 0.15520 0.23023
0.61563
3813770.46 | 1.40714 1.22032 0.51036
0.14583 0.17962 0.15788 0.18704 0.23461
0.77342
3813695.46 | 2.23948 1.36789 0.35176
0.21359 0.31810 0.38061 0.75592 1.08522
5.09743
3813620.46 | 2.62066 2.11750 0.66354
0.24072 0.54975 1.34747 2.33483 3.93588
3.64725
3813545.46 | 2.41892 0.69790 0.18784
0.17695 0.66063 1.32239 0.95854 2.70667
1.90329
3813470.46 | 0.96832 0.20506 0.49275
0.48571 0.38047 0.24009 0.26087 1.43197
0.86364
3813395.46 | 1.65361 1.05544 1.99866
1.59194 1.20311 0.26771 0.20799 0.57419
0.26473
3813320.46 | 4.65728 4.89947 2.72155
2.48479 1.16765 0.80816 0.18816 0.15899
0.18188
3813245.46 | 2.65712 2.46303 1.56484
0.83179 0.18430 0.15305 0.11732 0.09054
0.10414
3813170.46 | 1.27465 0.90710 0.35163
0.15859 0.13737 0.19400 0.09643 0.08830
0.13830

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	0.65664	0.54728	0.61991	0.51808	0.51614	0.47957	0.49366	0.59302	0.58499
3816020.46	0.69757	0.60304	0.69102	0.57914	0.62100	0.53595	0.60994	0.65549	0.62299
3815945.46	0.78591	0.76597	0.78476	0.68470	0.71382	0.58186	0.65369	0.74261	0.68461
3815870.46	0.89489	0.87500	0.85435	0.82505	0.82123	0.74055	0.72173	0.82798	0.91929
3815795.46	1.02288	0.95953	1.00475	0.98934	0.94879	0.86893	0.81706	0.81178	0.96656
3815720.46	1.12364	1.09650	1.22079	1.15428	1.08446	1.01104	0.93450	0.92537	1.07227
3815645.46	1.22921	1.13598	1.28313	1.34364	1.25283	1.15785	1.01340	0.94539	0.98396

3815570.46 | 1.18790 1.18820 1.34920
1.58662 1.41879 1.18081 0.99384 0.92641
0.94393
3815495.46 | 1.16847 1.26702 1.34245
1.81480 1.47822 1.23599 1.12398 1.06127
0.88567
3815420.46 | 1.27736 1.37036 1.73586
2.23777 1.82118 1.57865 1.34585 1.21278
1.08785
3815345.46 | 1.44288 1.57512 2.25496
2.41303 1.62388 1.42209 1.39296 1.11517
1.06619
3815270.46 | 1.80644 1.95437 2.63076
3.26800 1.86635 1.76027 1.59257 1.27662
1.41161
3815195.46 | 2.51734 2.81244 4.91195
3.15196 2.47474 1.99983 1.79727 1.61773
1.74814
3815120.46 | 3.86096 4.75580 5.76545
4.16439 2.88388 2.18290 2.01308 2.10032
2.25168
3815045.46 | 5.00815 7.17436 6.46822
3.11303 3.15383 2.82128 2.61082 2.79776
3.08411
3814970.46 | 4.97957 11.57966 10.59814
7.54086 4.49219 2.87825 3.56006 4.32671
4.06310
3814895.46 | 7.67578 14.13864 9.86521
6.23945 4.31392 3.98176 5.31686 7.49854
4.06715
3814820.46 | 15.16647 21.33660 14.38672
9.44687 11.09664 9.10355 8.54538 10.53667
6.57596
3814745.46 | 20.33746 21.81675 10.14442
15.18759 13.85484 13.73390 16.77821 13.23731
5.29502
3814670.46 | 22.42133 21.12660 14.96926
21.34218 30.41184 26.81072 32.02484 18.46353
8.90660
3814595.46 | 19.66463 9.41999 15.39752
35.14648 43.43347 41.74454 50.70126 35.44286
20.95839
3814520.46 | 7.89487 11.03786 17.68497
34.36097 43.01416 47.81883 60.88347 62.43784
23.60586
3814445.46 | 17.57454 21.73808 23.25897
27.79610 41.14308 50.25984 57.58346 31.88732
26.75984
3814370.46 | 19.66361 22.24857 25.48762
30.81805 37.23273 46.52548 24.03883 35.62119
42.03519
3814295.46 | 17.68584 19.90036 22.86831

26.75389 32.43435 39.55221 44.11028 57.65255
38.78797
3814220.46 | 15.98421 17.92041 20.27759
23.37283 27.30733 32.36436 40.14136 55.04616
60.99023
3814145.46 | 14.73637 16.26772 18.08095
20.49533 23.41639 27.32889 32.40822 40.30923
55.11101
3814070.46 | 13.54126 15.02675 16.83361
18.56218 20.86744 23.79302 27.88695 33.60644
42.14750
3813995.46 | 13.19002 14.77068 16.32184
17.03588 18.93998 21.48375 24.95777 29.65008
36.08965
3813920.46 | 12.39883 13.37802 14.72999
16.22974 17.93979 20.31249 23.10727 26.47358
31.63810
3813845.46 | 11.85016 13.07901 14.58612
16.55704 9.31453 21.87340 21.97594 24.44598
27.87725
3813770.46 | 11.33954 1.08735 0.92337
2.03506 2.12079 20.17787 20.17218 22.66389
24.97226
3813695.46 | 3.24904 0.88954 0.15699
0.30340 1.76030 18.44015 20.57168 21.37045
22.10493
3813620.46 | 3.73987 0.69858 0.24003
0.21058 0.37684 0.88850 18.49928 20.67337
22.02979
3813545.46 | 1.24951 1.81344 0.63846
0.33826 1.46052 6.46023 4.87090 0.72105
3.18553
3813470.46 | 0.33855 0.59607 0.73956
0.32353 0.46458 2.11363 1.30181 0.20990
0.94223
3813395.46 | 0.18888 0.16435 0.40553
0.35975 1.28220 0.63903 5.83560 3.97919
0.64665
3813320.46 | 0.11578 0.16418 0.22361
0.30288 3.23350 6.07993 12.29937 13.15483
5.23643
3813245.46 | 0.19492 0.37303 1.29495
0.85759 1.25111 1.29292 6.30966 11.27483
12.53865
3813170.46 | 0.21454 0.47464 1.30604
3.76707 2.71089 9.60980 10.13624 10.38713
10.48966

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	0.63104	0.65312	0.76867	0.85626	0.85238	0.85176	0.86847	1.21507	0.94184
3816020.46	0.76264	0.79725	0.82201	1.02319	1.13118	1.25567	0.99030	1.23310	1.52108
3815945.46	0.87426	1.11754	1.06274	1.21696	1.40672	1.58174	1.63887	1.43629	2.05182
3815870.46	0.92850	1.24539	1.46041	1.63422	1.78774	1.94647	2.23554	2.19214	2.47296
3815795.46	1.19242	1.37755	1.59952	1.84707	2.12466	2.53240	2.98697	3.85210	4.38286
3815720.46	1.16319	1.08194	1.22407	2.00636	2.36264	2.98804	2.76867	3.17725	5.55071
3815645.46	1.11175	1.05559	1.64010	2.19321	2.15288	2.23413	2.98209	3.98029	5.55352

3815570.46 | 1.09655 1.12915 1.62221
1.71638 1.82225 2.30184 2.33383 3.42254
3.73204
3815495.46 | 1.07346 1.13717 1.42007
1.30618 1.69452 2.09311 1.72153 1.93120
2.36322
3815420.46 | 1.08439 1.12104 1.22298
1.50350 1.71205 1.73136 1.60439 1.80306
1.70340
3815345.46 | 0.97401 1.05210 1.12032
1.46734 1.59781 1.62464 1.56079 1.64196
1.40786
3815270.46 | 1.20122 1.32452 1.27952
1.40787 1.38328 1.55646 1.56923 1.48586
1.27165
3815195.46 | 1.64891 1.51209 1.56551
1.84386 1.85228 1.78493 2.02286 1.79235
1.28789
3815120.46 | 2.04495 1.83275 1.59715
2.18173 2.26912 2.14540 2.36389 1.98115
1.46379
3815045.46 | 2.54276 2.15084 2.16755
2.35687 2.90034 2.68296 2.79027 2.20849
1.71991
3814970.46 | 2.66262 2.49317 2.96001
2.73386 3.43517 3.45868 3.19943 2.58267
1.73183
3814895.46 | 3.52995 3.43110 4.02443
3.32412 4.21574 4.53897 3.38111 2.26951
1.78512
3814820.46 | 4.25993 4.53234 5.73320
4.66922 5.64328 5.12016 3.64092 2.82041
2.42495
3814745.46 | 4.77728 5.24732 7.25824
6.55569 8.37480 6.46339 5.11160 4.05910
3.36580
3814670.46 | 9.08834 11.93966 9.83969
11.21622 13.11561 10.27449 7.98448 5.84480
4.38521
3814595.46 | 17.03669 28.51060 28.96465
21.38598 20.90594 14.62015 10.79569 7.65524
5.17779
3814520.46 | 20.37086 58.40977 52.35460
55.21239 26.37778 12.97810 10.66089 7.24661
5.49567
3814445.46 | 29.33253 118.24869 163.70852
110.56731 47.99948 28.23594 16.46862 13.02737
6.31840
3814370.46 | 73.38667 184.84600 242.85453
93.02474 37.84825 40.64372 36.58386 16.41372
12.13426
3814295.46 | 118.31046 189.41728 161.93700

60.22458 0.00000 0.00000 0.00000 25.47500
13.29822
3814220.46 | 111.22142 158.04802 62.38951
0.00000 0.00000 0.00000 0.00000 54.05543
17.68536
3814145.46 | 76.29948 114.26417 199.07997
0.00000 0.00000 0.00000 0.00000 148.55710
180.03377
3814070.46 | 56.14407 80.12765 114.07256
218.61245 0.00000 0.00000 0.00000 72.93923
248.11425
3813995.46 | 45.67461 59.73012 80.65383
110.05568 144.48558 207.62733 116.71296 199.17397
156.20626
3813920.46 | 38.48361 47.71222 59.80317
74.21246 88.73575 101.78309 122.16574 110.97282
119.03955
3813845.46 | 32.48618 38.34821 45.48366
52.93682 59.40551 64.52180 68.40946 73.69245
77.57150
3813770.46 | 27.50960 31.25390 35.54923
39.67788 42.93811 45.29173 47.28102 49.47311
59.96905
3813695.46 | 23.53135 25.98653 28.56114
30.93866 32.75144 34.00893 35.05714 45.73988
42.60250
3813620.46 | 22.40397 23.41794 23.48634
24.90702 25.95469 26.66651 27.29406 28.06974
28.88470
3813545.46 | 9.64668 20.96387 20.08465
20.82674 21.23267 21.62111 21.98754 22.40710
22.99740
3813470.46 | 18.94508 19.04166 17.94209
18.66181 18.03524 17.99719 18.19913 18.45116
18.84367
3813395.46 | 3.19771 17.77773 18.60757
17.59637 15.82939 15.34445 15.43114 15.57746
15.79471
3813320.46 | 14.67423 8.60988 1.96512
7.73620 15.69399 14.02856 13.81981 13.42978
13.48021
3813245.46 | 12.31139 13.31771 13.82336
2.62846 4.76646 14.61877 12.63002 12.13612
11.92926
3813170.46 | 11.05755 10.53214 11.00218
12.75455 6.89440 4.04665 12.95975 11.59495
10.68758

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	1.12083	0.72712	0.65673	1.15989	0.68055	0.80232	0.46076	0.61427	3.76724
3816020.46	1.50235	1.49451	1.28551	1.24850	1.66979	1.60711	0.96375	1.41202	2.23992
3815945.46	1.96317	2.27002	3.33451	4.38070	3.21884	3.84429	2.91708	5.03378	3.97010
3815870.46	2.93764	3.53032	5.56521	6.27140	5.09404	5.42903	4.21457	6.77101	5.34893
3815795.46	4.50460	5.05729	5.75805	6.90874	7.86021	6.72179	7.40102	7.17046	6.85503
3815720.46	6.48403	6.67366	7.14312	8.69756	8.45616	8.16685	7.84966	7.46764	7.10227
3815645.46	6.60842	8.17456	8.31548	9.36968	9.01373	8.48651	8.08740	7.53750	7.13887

3815570.46 | 3.18085 7.38305 8.31961
7.96638 9.72383 9.05705 8.80143 8.02315
7.42613
3815495.46 | 1.51867 2.63416 4.64483
1.99813 6.12895 8.73999 9.58948 8.79181
8.07618
3815420.46 | 1.24662 2.02779 2.50634
4.68087 7.61835 8.94543 10.28720 9.59329
8.79981
3815345.46 | 1.17461 1.18223 1.89255
3.11331 3.56045 5.14231 9.52160 10.44831
9.58851
3815270.46 | 1.31851 1.36973 1.73653
1.48997 1.08790 1.68960 4.58259 1.56008
7.75788
3815195.46 | 1.24057 1.23173 1.22580
1.11758 0.96214 0.95499 0.94922 1.58385
5.64636
3815120.46 | 1.43677 1.24431 1.18073
1.16504 1.11015 0.96242 0.91077 0.95740
1.71751
3815045.46 | 1.52495 1.54527 1.42211
1.26512 1.30836 1.00938 0.91845 0.99146
0.99587
3814970.46 | 1.77700 1.58292 1.75464
1.42604 1.61414 1.12528 1.11266 0.93014
1.81400
3814895.46 | 1.86965 1.92825 1.74967
1.88069 1.88175 1.48190 1.69265 1.70968
3.45185
3814820.46 | 2.19215 2.18912 2.11463
1.88222 2.14885 2.86274 4.61316 10.41578
13.89793
3814745.46 | 2.51129 2.22993 1.81405
1.60736 1.52895 1.40370 1.56407 1.44177
9.32824
3814670.46 | 3.48590 2.46132 2.20482
2.04008 1.68397 1.44608 2.43483 4.10181
3.24521
3814595.46 | 3.79297 2.78188 2.69276
2.91169 3.65544 1.74651 3.98052 24.61835
20.12767
3814520.46 | 4.04585 2.99204 3.41160
7.55432 15.97932 17.71232 8.83085 26.20463
21.55034
3814445.46 | 4.59524 3.49268 3.42583
3.68612 6.48917 35.72780 32.31496 27.59119
28.94666
3814370.46 | 5.47717 6.76608 11.63341
10.02827 3.33046 6.47097 31.52037 19.30910
26.53485
3814295.46 | 7.32713 9.82698 34.82228

74.20845 49.18645 25.23144 30.87716 26.35048
28.65261
3814220.46 | 10.72205 7.16438 41.22684
73.45840 57.72674 48.10526 41.71146 8.15467
16.27270
3814145.46 | 11.36282 21.62557 11.90281
99.05117 56.20926 42.81843 43.85100 35.43312
39.24920
3814070.46 | 24.17626 19.78219 18.92173
74.05341 54.58903 41.83494 36.71854 32.71364
28.78053
3813995.46 | 147.31071 108.74559 16.70121
70.18048 50.46907 42.82062 34.58018 29.25311
26.75447
3813920.46 | 133.98054 18.20664 17.20364
66.84714 56.48544 38.77530 33.29476 27.96323
24.47655
3813845.46 | 81.55593 69.17414 63.68996
44.51000 62.08026 44.21065 38.87218 28.61941
24.42032
3813770.46 | 61.00175 54.94477 54.13990
45.25316 42.73878 39.01621 49.16210 45.86020
24.22656
3813695.46 | 38.28351 38.99618 38.74181
33.77029 32.68942 35.59845 31.90441 26.59556
20.68020
3813620.46 | 29.62916 30.03819 30.83282
28.03778 27.21237 26.73668 26.90863 22.09188
18.72622
3813545.46 | 23.61448 24.00227 23.86117
23.42948 24.07267 21.81385 25.57951 19.56015
17.08159
3813470.46 | 19.33806 19.75263 19.89256
19.75296 19.22819 20.54924 19.86627 17.80081
15.78116
3813395.46 | 16.16119 16.53131 16.78862
16.82296 16.58490 16.42673 18.08988 18.99138
14.29061
3813320.46 | 13.73705 14.03300 14.31326
14.47193 14.44634 14.25588 15.09884 13.93381
13.00310
3813245.46 | 11.86438 12.08274 12.33914
12.54896 12.62882 12.53839 12.33613 13.46043
11.61784
3813170.46 | 10.45921 10.56739 10.75728
10.95889 11.10147 11.11210 10.99823 11.09981
10.64699

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	1.59639	0.97610	1.05812	2.88528
3816020.46	4.38054	1.81994	4.01914	4.53970
3815945.46	5.99236	4.05964	4.89196	5.25287
3815870.46	6.32830	5.16498	5.63754	5.38455
3815795.46	6.66529	6.19348	6.20909	5.48377
3815720.46	6.80114	6.52466	5.96554	5.72654
3815645.46	6.87655	6.63001	6.17709	5.71359
3815570.46	7.01522	6.79666	6.47984	6.28664
3815495.46	7.45365	6.91209	6.55585	6.30593
3815420.46	8.01146	7.28354	6.87014	6.41072
3815345.46	8.61004	8.12022	7.42265	6.79091

3815270.46	10.06366	9.64640	8.25984	7.32197
3815195.46	8.26421	10.04522	9.72902	8.89684
3815120.46	2.16538	2.01993	2.87974	9.75899
3815045.46	1.46166	2.58959	9.72875	9.28896
3814970.46	1.78830	1.49487	2.21530	7.63482
3814895.46	8.25205	2.55392	5.19237	8.90471
3814820.46	15.31317	9.01832	6.08027	13.31100
3814745.46	17.48382	15.62572	14.99812	9.21863
3814670.46	17.96762	16.89204	15.42509	13.41271
3814595.46	19.68814	20.04629	18.51472	14.61517
3814520.46	18.23033	16.51893	16.41303	15.96997
3814445.46	22.54443	18.58797	15.04089	16.08215
3814370.46	21.90157	19.81633	15.46195	15.00392
3814295.46	22.70021	18.07356	16.09628	15.24162
3814220.46	24.33594	21.10217	16.82136	14.99748
3814145.46	38.76745	21.33464	20.58987	15.75620
3814070.46	28.40176	25.83788	21.69108	16.27559
3813995.46	22.58483	20.14324	19.38156	17.02289
3813920.46	21.73728	19.40789	17.47773	15.84616
3813845.46	20.85244	18.72365	16.87377	15.34548
3813770.46	22.01858	19.31780	16.25125	14.75714
3813695.46	18.61834	16.91984	15.35233	14.08974
3813620.46	17.15716	15.76144	14.51767	13.40172
3813545.46	15.86123	14.72000	13.67092	12.70384
3813470.46	14.54837	13.65276	12.79681	11.98190
3813395.46	13.29086	12.59230	11.90820	11.24150

3813320.46	12.11734	11.56830	11.02475	10.48659
3813245.46	11.05176	10.60668	10.17281	9.74332
3813170.46	10.09906	9.73700	9.38303	9.03207

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC
350508.88	3814829.88	2.28634
350283.70	3815266.49	1.39613
350539.82	3814604.70	2.12414
350467.63	3814245.45	62.37223
350008.68	3813941.20	132.49515
350147.91	3813936.04	119.03772
350557.01	3814453.44	34.80513
349200.78	3815251.02	1.87064
349173.28	3815257.89	1.76355
348862.58	3814174.11	15.50593
348862.58	3815183.55	3.06134
350494.71	3815179.68	0.98029
350486.97	3814363.62	3.78757
350216.24	3814363.62	5.65151
350216.24	3814193.45	9.35936
349991.92	3813969.12	182.36048
349794.67	3813961.39	106.63226
349597.42	3814065.81	78.90073
349121.71	3814085.15	20.47562

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348170.28 348245.28 348320.28
348395.28 348470.28 348545.28 348620.28 348695.28
348770.28
- -
- -
-

3816095.46 | 65.35300 69.46556 74.60912
72.60956 55.00704 69.68246 72.79181 36.78704
74.57399
3816020.46 | 70.43995 66.74351 71.79264
72.49182 67.35336 61.64455 74.22989 74.85874
75.99930
3815945.46 | 71.55578 72.35188 67.33432
73.33396 74.50878 66.36543 68.77065 76.58303
76.21125
3815870.46 | 66.75805 73.54490 74.11822
69.33933 75.87905 84.49033 91.08085 74.39876
78.40534
3815795.46 | 73.56172 68.60708 75.52353
76.03327 72.64755 91.87392 111.73844 90.01166
79.57293
3815720.46 | 71.35528 75.66669 70.41541
77.02975 77.33632 76.75693 106.43986 114.71971
90.51073
3815645.46 | 64.58214 72.49281 77.69784
72.19124 79.23628 86.64312 83.92808 123.24208
114.72570

3815570.46 | 73.54345 77.89309 73.45310
79.23420 74.88976 133.18817 87.92964 82.82228
89.22500
3815495.46 | 76.44510 85.09086 69.35910
73.24133 82.26243 109.86075 84.20134 82.55711
84.74359
3815420.46 | 81.82185 96.62105 80.28028
73.11034 98.71569 93.30181 80.30464 85.57496
84.80441
3815345.46 | 100.77264 108.64191 81.11600
82.35493 122.95088 93.44852 86.51533 83.93133
88.87968
3815270.46 | 120.17690 121.92341 70.94610
82.02357 153.20270 113.08497 76.24233 87.92477
85.16998
3815195.46 | 155.62763 150.28840 94.33480
76.43858 173.43123 166.66569 109.83395 77.25790
89.63689
3815120.46 | 184.70674 158.28151 135.27173
91.30270 126.62095 270.68569 158.11414 94.48823
83.62613
3815045.46 | 200.02319 191.08497 165.53185
127.03788 141.38048 303.92474 266.24403 167.78437
95.41739
3814970.46 | 255.39417 175.41249 127.47731
106.90323 96.42696 288.72746 372.73892 190.78055
105.18817
3814895.46 | 120.51783 101.40804 80.96009
75.95958 107.34427 194.92816 550.33288 466.32567
228.54770
3814820.46 | 129.27059 148.55791 112.41186
139.25876 164.28180 167.57359 603.30324 602.86967
271.35348
3814745.46 | 273.11138 305.06409 186.66967
259.16384 272.13394 234.70743 579.39753 669.77882
644.73088
3814670.46 | 518.79684 520.35345 434.89459
377.56725 542.07156 595.86392 685.21806 721.27862
767.57331
3814595.46 | 546.73217 555.66165 528.10736
606.59766 637.04630 583.97157 610.56521 674.03980
772.59801
3814520.46 | 544.20551 533.17743 455.83401
442.59516 256.15222 273.88289 293.09457 315.01253
623.89646
3814445.46 | 546.46199 531.18574 475.68877
451.48243 260.35476 278.80039 298.78794 320.49603
651.97985
3814370.46 | 493.21352 578.17387 574.24666
522.33122 262.77898 281.45541 302.08131 324.86774
349.14845
3814295.46 | 157.15456 334.29723 572.68399

610.73161 623.01984 562.70378 304.53376 327.69840
353.70008
3814220.46 | 112.18948 261.24501 514.53420
439.44901 577.83412 680.07419 305.08814 329.96739
354.63648
3814145.46 | 142.15623 220.38577 138.47999
90.97120 124.83827 556.34354 660.82359 328.94466
355.34513
3814070.46 | 150.70004 68.52790 48.31544
51.24274 114.83527 584.53917 720.82952 776.06338
355.51390
3813995.46 | 58.67654 60.96519 66.17488
73.98762 97.98590 281.60938 359.88537 543.37928
743.09449
3813920.46 | 161.36244 117.16197 89.85439
90.76170 94.31894 161.83825 126.24082 188.84757
663.74816
3813845.46 | 415.78094 242.45188 81.22003
76.04509 78.14643 87.37361 95.84703 101.97574
235.16829
3813770.46 | 480.47222 468.25520 251.16147
91.00896 94.40430 94.25159 91.52187 87.48634
317.31964
3813695.46 | 494.02938 488.66102 174.04569
98.67832 137.09158 171.91632 358.99258 493.34533
629.92655
3813620.46 | 356.87482 354.96435 255.71126
131.84188 316.21627 554.03290 631.77764 685.37051
752.14500
3813545.46 | 359.43095 352.53256 133.45144
125.02150 364.81054 536.99577 423.65463 687.93068
646.71263
3813470.46 | 453.09275 157.31321 296.11925
249.15262 185.21618 120.43194 127.25786 542.44396
380.06545
3813395.46 | 481.15677 475.97222 544.68167
535.28954 513.52685 141.30328 105.53032 265.51406
123.74357
3813320.46 | 148.30775 159.57863 457.35069
515.06481 499.45415 393.38240 96.12261 84.05590
96.02355
3813245.46 | 358.65987 430.48346 508.24966
419.37932 92.44624 84.56959 85.16004 91.78396
86.00187
3813170.46 | 448.56932 440.27995 197.20399
88.61243 77.26540 101.75400 88.68768 79.36207
79.51551

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348845.28 348920.28 348995.28
349070.28 349145.28 349220.28 349295.28 349370.28
349445.28
- -
- -
-

3816095.46 | 74.60492 37.91743 76.64140
38.59293 38.85383 34.80187 37.47235 77.34498
79.34742
3816020.46 | 75.93858 38.52776 76.08276
39.71930 79.14235 38.38082 71.70120 81.08422
80.36425
3815945.46 | 77.63185 78.42440 79.76600
79.71417 81.01316 40.73986 67.26789 82.95427
82.93641
3815870.46 | 78.67583 80.46940 81.22917
80.28649 81.61505 82.55264 76.62672 82.47284
84.66757
3815795.46 | 81.18488 82.02765 82.94023
83.92660 84.45471 84.64335 83.88380 78.92174
86.42709
3815720.46 | 82.94841 81.56352 85.10708
85.83065 85.20280 86.78147 87.76955 74.96608
89.59223
3815645.46 | 79.26522 84.35817 86.23244
91.58197 88.36957 88.44033 89.38531 84.34629
89.38755

3815570.46 | 86.61407 84.67237 87.52320
93.43989 91.67432 89.59536 90.39465 89.95909
85.84153
3815495.46 | 85.13728 80.33682 89.17236
89.75133 92.62140 92.05839 91.15370 92.71057
45.97157
3815420.46 | 87.66936 90.93190 109.19462
92.96890 94.67181 94.68824 94.61129 95.30975
91.23451
3815345.46 | 85.76158 91.97006 154.67825
127.51881 94.36090 95.12858 96.39908 57.25861
59.91077
3815270.46 | 91.23302 88.42797 155.95752
192.48852 97.36109 98.09812 98.38298 61.85342
100.19024
3815195.46 | 90.17069 95.18029 174.89437
179.55693 145.84375 100.53477 101.20288 100.75932
104.46899
3815120.46 | 94.12231 149.33135 214.98201
161.67656 169.22349 99.96045 102.04221 106.31740
109.77003
3815045.46 | 111.53441 176.07001 198.32497
102.37352 140.80074 150.85707 108.67319 111.79058
130.90283
3814970.46 | 98.82116 277.22207 278.67099
215.06939 111.74476 109.28816 177.47973 149.29673
160.34054
3814895.46 | 165.96470 359.60504 207.05431
111.66492 109.45981 113.46190 217.10716 288.67993
128.58559
3814820.46 | 384.05739 607.88630 330.82948
175.92923 206.76618 210.20171 211.66899 356.22671
231.09818
3814745.46 | 678.61468 647.62183 203.97023
305.66183 240.90556 229.38870 368.07802 305.52665
154.88258
3814670.46 | 813.12273 673.56895 369.84510
491.24882 704.80876 532.10583 617.30023 349.99771
224.63167
3814595.46 | 782.24041 274.34215 449.17178
992.64292 1045.77949 945.87248 1057.57605 558.54031
334.05219
3814520.46 | 377.07202 427.83996 615.83942
1002.17326 517.16868 1161.55346 1258.46880 1157.20669
247.08518
3814445.46 | 851.59771 851.03936 976.53412
1028.42475 537.92397 596.44694 1312.45209 482.81059
316.98851
3814370.46 | 378.91403 409.12121 441.41597
493.61359 546.45532 619.19044 713.17254 787.77326
689.30699
3814295.46 | 381.00064 409.66753 445.07094

488.41497   548.78434   611.33384   1280.40251   1455.45762
955.80204
  3814220.46 | 381.17442   411.34928   445.14168
486.22088   532.22101   582.47634   657.45298   810.98762
1641.34458
  3814145.46 | 382.29989   411.21519   441.43591
478.15409   517.75953   566.16258   619.28017   702.12531
866.25834
  3814070.46 | 380.01444   410.53610   443.66842
473.12583   507.42269   541.46544   592.63500   665.55806
756.52018
  3813995.46 | 367.87406   409.87174   449.40734
462.06917   490.74200   530.96349   580.44580   625.91845
715.85489
  3813920.46 | 370.41457   399.51898   428.28537
459.97046   474.69778   526.82476   567.29636   572.59057
673.34487
  3813845.46 | 363.95651   381.15320   421.22715
469.52049   1025.31427   528.63252   560.70008   584.58904
629.15161
  3813770.46 | 354.67588   473.71744   386.22991
614.26360   610.70149   542.44034   541.72841   579.86702
566.67717
  3813695.46 | 790.93510   327.01370   48.65873
109.70899   536.09127   509.08651   553.17378   521.30593
412.75056
  3813620.46 | 784.34619   261.32139   81.61740
94.49355   125.34206   298.79385   455.00290   399.56994
416.55276
  3813545.46 | 490.16709   627.11241   247.88440
125.34801   536.53001   900.85261   906.60104   374.72846
873.58387
  3813470.46 | 148.48576   238.72404   295.14705
141.06983   166.99946   701.21173   602.72825   99.03703
341.24931
  3813395.46 | 97.53140   99.31184   173.64693
137.82242   547.28855   409.54685   813.00051   943.32713
228.94178
  3813320.46 | 92.42480   84.17770   97.05420
205.21838   757.51652   612.18469   280.42493   329.09692
885.81393
  3813245.46 | 107.54383   154.65731   506.66574
513.65060   529.97604   553.01709   691.58423   340.16609
390.64754
  3813170.46 | 91.97298   289.61558   598.14656
578.18060   681.73826   231.33060   278.69627   340.86490
331.61314

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349520.28 349595.28 349670.28
349745.28 349820.28 349895.28 349970.28 350045.28
350120.28
- -
- -
-

3816095.46 | 79.97945 79.73188 80.46921
79.97318 78.90586 81.53045 81.03971 89.39985
81.94670
3816020.46 | 82.19087 82.48385 82.60609
82.68500 91.90383 91.42876 83.26964 84.99483
125.52141
3815945.46 | 84.24939 84.71275 85.25223
85.26809 107.62593 122.95564 112.44388 102.72780
191.06507
3815870.46 | 86.00987 88.21022 105.02053
104.16968 123.88521 153.61944 185.40260 188.15490
239.67804
3815795.46 | 98.89469 93.65866 110.32562
116.41409 146.53745 202.90540 270.27676 369.02728
413.45162
3815720.46 | 95.20838 90.03823 90.75760
121.91012 157.37488 243.14726 222.10101 284.40657
491.17070
3815645.46 | 91.73212 91.61292 99.66823
133.01294 136.41011 151.89753 227.89983 352.03521
491.66976

3815570.46 | 92.03088 93.90251 99.48695
103.08823 117.94887 146.04571 132.52221 274.00667
339.48087
3815495.46 | 94.59697 95.07396 96.74517
96.43245 105.13742 115.91484 97.90970 98.55868
180.43676
3815420.46 | 95.36228 96.09348 97.26467
99.29138 100.97065 100.35249 99.83046 100.60912
99.68250
3815345.46 | 58.63515 62.30944 70.91173
100.71108 95.96538 100.78297 99.83647 101.97759
98.39459
3815270.46 | 58.13450 99.10690 76.01452
83.91053 65.51102 67.94795 67.78739 72.05666
62.26063
3815195.46 | 103.49412 104.18057 104.58759
107.69392 103.19971 72.79477 107.05918 104.53703
69.82444
3815120.46 | 110.64980 106.91231 76.82887
112.89686 111.05122 108.42920 111.73841 109.12240
76.52701
3815045.46 | 115.99757 105.90697 114.45393
115.66472 120.44760 116.65433 118.22808 113.33547
108.86819
3814970.46 | 117.40203 117.12976 126.36401
121.56008 129.76810 127.75103 124.80391 118.46205
90.23858
3814895.46 | 126.36474 129.44299 137.61915
130.18171 145.88830 154.53804 127.01782 99.83432
98.42633
3814820.46 | 132.66577 139.62606 146.03193
166.06672 174.27461 158.29091 128.91067 126.23065
124.18122
3814745.46 | 133.34205 146.22924 161.30120
198.64774 220.81568 179.79554 151.70850 146.77702
172.09070
3814670.46 | 277.59157 255.57316 203.34222
254.22995 301.21753 240.71777 189.25936 177.89530
273.60243
3814595.46 | 350.88159 600.67167 584.07179
361.21342 399.17608 285.69719 219.60981 225.74917
376.77763
3814520.46 | 233.59057 887.92398 793.73102
946.23585 388.60109 230.04878 221.43528 367.02832
437.68897
3814445.46 | 266.95545 1506.18845 2034.52441
1434.18032 498.19576 349.58219 392.07302 527.95265
423.46138
3814370.46 | 995.04563 1251.74183 2260.58794
878.29637 357.39041 494.16449 912.41773 632.50444
444.97421
3814295.46 | 1828.08526 1353.24336 1469.64004

497.65633 0.00000 0.00000 0.00000 901.41636
615.31093
3814220.46 | 1185.58302 1362.24408 748.57749
0.00000 0.00000 0.00000 0.00000 1113.40898
833.91865
3814145.46 | 1039.79165 1283.22133 1814.30119
0.00000 0.00000 0.00000 0.00000 1880.60891
1600.78581
3814070.46 | 904.62472 1117.96267 1320.68040
2236.36357 0.00000 0.00000 0.00000 1011.01788
1615.47668
3813995.46 | 793.13413 956.04558 1130.35264
1181.06966 1524.81489 1975.48175 2135.27930 1523.18091
1775.42313
3813920.46 | 754.53353 836.82805 764.18281
1080.51681 1191.21333 1149.50419 1377.95286 1113.75263
1171.04753
3813845.46 | 658.81390 573.60172 732.35359
887.08195 953.83515 894.87768 950.24078 953.49998
943.05694
3813770.46 | 463.43245 510.20371 707.75110
684.07533 767.31942 733.27899 783.27323 769.49813
879.99292
3813695.46 | 409.93541 535.89455 619.22324
629.77416 618.76575 619.31166 644.68519 844.11317
725.78326
3813620.46 | 445.63986 582.24295 501.29939
569.64598 500.11073 532.02425 530.36379 546.39838
546.00761
3813545.46 | 1167.05501 556.96054 426.92357
518.52250 445.98292 465.27302 445.48884 492.24264
482.80890
3813470.46 | 521.73760 492.04904 446.66649
496.82777 416.76215 413.60300 378.63464 439.41644
431.53021
3813395.46 | 869.46757 406.92947 498.11137
480.86161 397.37926 374.89196 325.43297 390.15807
375.65691
3813320.46 | 413.78380 729.98994 628.03138
964.67931 417.69606 370.11277 298.39674 345.93222
338.58837
3813245.46 | 330.08418 353.66170 423.99914
755.43212 733.17832 389.73692 272.76377 322.86312
327.94985
3813170.46 | 262.69927 315.52683 355.47783
322.74480 614.71141 906.74713 274.70553 319.10100
312.43917

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350195.28 350270.28 350345.28
350420.28 350495.28 350570.28 350645.28 350720.28
350795.28
- -
- -
-

3816095.46 | 105.13160 76.66035 79.92485
143.80441 79.53158 107.53099 73.10761 78.23401
443.04534
3816020.46 | 154.76122 138.88095 121.48581
154.17896 193.11361 181.10475 112.48843 174.97233
283.63522
3815945.46 | 204.47439 225.09981 369.18748
473.02423 361.89590 443.78780 362.69226 492.38358
448.86041
3815870.46 | 292.85223 358.75135 546.41421
515.41551 531.73423 515.77052 474.03826 182.95402
483.88307
3815795.46 | 411.92234 491.82797 557.05997
501.16451 203.55775 404.67217 198.09766 193.26430
200.28124
3815720.46 | 580.06460 600.97665 590.75358
217.78575 211.80643 213.04732 206.20150 200.82755
222.37846
3815645.46 | 582.00814 618.06288 542.00247
233.50707 223.43546 221.93591 214.47321 203.70219
231.13844

3815570.46 | 257.06690 639.31893 644.36512
633.85154 243.30741 231.81478 228.07651 234.95566
244.24527
3815495.46 | 96.13299 257.32928 427.97737
174.04482 575.81062 516.54145 265.56522 272.90786
259.77256
3815420.46 | 99.07388 166.54115 224.77513
448.51902 666.18328 635.09901 307.47992 301.08370
262.36775
3815345.46 | 99.02826 98.40823 162.24282
274.39294 329.21525 444.40517 603.98562 424.49541
249.36283
3815270.46 | 104.09365 103.69491 125.96875
137.72028 201.09261 264.43819 536.44187 225.78677
624.69198
3815195.46 | 103.28938 105.18260 105.71394
174.46664 255.68186 287.29169 252.87391 178.49612
475.09954
3815120.46 | 106.22160 104.88512 143.10121
237.69523 295.01112 279.59828 207.59097 124.17113
215.84411
3815045.46 | 110.00199 114.00962 210.46740
293.61166 303.88288 239.85729 148.82901 156.48392
184.66870
3814970.46 | 114.13331 175.51147 280.81144
322.82945 274.43961 178.31402 162.47414 161.87535
209.30519
3814895.46 | 136.13696 255.34843 332.78535
309.59551 213.10262 197.47206 245.85715 213.99916
353.66565
3814820.46 | 217.93530 329.75482 342.34083
253.27387 245.77943 310.33264 376.02213 656.56597
792.89500
3814745.46 | 310.34234 368.15694 298.08445
172.83871 192.35212 178.13894 222.02816 164.52460
556.73878
3814670.46 | 381.09969 345.29680 213.99907
226.78182 178.95479 160.60167 218.26541 524.68715
569.26548
3814595.46 | 390.99448 264.03068 251.04337
298.52447 443.44552 276.94184 611.08176 975.43841
874.58776
3814520.46 | 325.56528 190.77328 291.67080
583.58294 661.31229 771.10563 633.19646 462.12842
398.45746
3814445.46 | 234.83921 310.60931 358.06415
360.71562 694.48638 1135.17403 563.98877 461.99352
964.24985
3814370.46 | 431.67074 409.14931 789.54278
781.03053 361.56831 651.54140 945.20365 699.02572
427.82442
3814295.46 | 491.64889 834.93835 886.03749

1494.92033 1135.64157 774.12239 860.80438 791.69762
446.27791
3814220.46 | 429.47957 368.84223 876.51963
818.74279 700.73644 619.39201 558.81415 350.74585
566.97431
3814145.46 | 472.02659 601.22387 478.45868
1502.98815 642.34479 517.76024 553.94082 480.62473
932.02743
3814070.46 | 591.53125 441.44302 467.75322
769.27130 613.48226 493.72306 461.44514 429.15237
391.48864
3813995.46 | 1214.44340 1394.57152 516.60741
741.35411 566.62932 512.76820 430.15030 377.34267
365.33613
3813920.46 | 1840.40686 494.22890 489.01095
734.11246 653.40216 469.78081 422.64483 362.21104
329.56092
3813845.46 | 1627.09716 1311.64455 747.28524
921.58680 1172.96118 557.80345 507.15037 393.26286
338.26638
3813770.46 | 831.44111 729.05196 700.76018
596.02311 566.65719 520.56822 1049.01989 918.21413
353.45008
3813695.46 | 594.34004 580.76535 564.85266
481.36784 468.47687 503.97675 458.70849 392.18645
307.54338
3813620.46 | 519.16501 497.06195 496.26203
434.06863 419.67539 413.21177 416.65957 343.27637
286.14315
3813545.46 | 458.20803 439.49881 413.55782
392.95407 402.90496 357.45227 413.57331 319.51964
273.41419
3813470.46 | 416.55671 397.81544 377.79399
358.81539 339.25408 364.28924 348.01323 307.64987
267.01040
3813395.46 | 378.38767 360.12935 346.76463
329.68714 312.91755 305.15315 336.50606 343.01855
254.24900
3813320.46 | 344.69762 332.99939 319.61259
305.92626 292.37353 279.20669 295.99410 266.52393
243.30232
3813245.46 | 315.68478 305.36397 293.07853
284.29685 273.00252 260.33597 249.77052 273.98471
226.77816
3813170.46 | 285.26251 284.89849 274.50577
264.99328 255.46837 244.62852 234.11160 232.88497
218.78537

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	200.51699	128.44826	152.55934	367.80641
3816020.46	454.54141	279.13529	449.53364	353.89109
3815945.46	236.63040	462.34600	364.70341	224.12490
3815870.46	268.80860	430.77356	228.65255	213.42762
3815795.46	246.40508	239.48206	262.76418	194.17206
3815720.46	246.01185	246.54753	209.04476	175.08323
3815645.46	242.25543	229.19803	188.77278	161.11657
3815570.46	233.30447	206.95604	180.64493	166.72768
3815495.46	223.95017	187.99216	172.10524	160.14463
3815420.46	213.36202	189.82429	169.83725	164.59697
3815345.46	222.98618	196.64922	188.01160	179.42464

3815270.46	230.51640	232.57096	215.67057	191.72686
3815195.46	625.09644	526.48889	243.39717	224.73200
3815120.46	249.78759	207.93273	279.84555	495.86167
3815045.46	191.05243	292.95513	666.90274	638.50063
3814970.46	257.74676	225.82642	225.30232	534.55565
3814895.46	562.24578	252.31971	384.16909	567.70947
3814820.46	803.71152	556.08728	468.40409	684.81942
3814745.46	781.61482	359.73906	748.74497	550.39489
3814670.46	841.25883	803.51386	357.47760	298.17384
3814595.46	389.04251	689.85270	739.49601	325.38473
3814520.46	343.19912	313.70347	323.58088	383.75751
3814445.46	467.33154	342.90608	277.74875	298.30558
3814370.46	374.15663	349.66417	272.76755	275.19538
3814295.46	370.11518	295.42951	269.25148	266.15404
3814220.46	379.75342	340.01810	272.46879	248.28411
3814145.46	788.10905	327.92475	327.82572	252.97163
3814070.46	401.78087	377.43124	335.23356	256.12777
3813995.46	315.90822	292.27272	294.57793	265.03294
3813920.46	303.17884	278.94468	258.65182	239.13077
3813845.46	295.11571	271.47388	250.87722	233.86444
3813770.46	329.64048	293.35283	245.11908	228.00383
3813695.46	279.71465	259.40532	238.82331	223.17601
3813620.46	264.89282	247.84116	230.74473	217.36482
3813545.46	254.55419	235.66105	224.04383	210.68192
3813470.46	243.95246	228.99261	215.79617	199.29304
3813395.46	231.93838	219.81515	208.03278	196.70018

3813320.46	222.23768	210.27757	200.17612	189.61882
3813245.46	212.09388	201.37189	191.76670	182.57135
3813170.46	202.26495	193.07387	184.38699	176.23252

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC
X-COORD (M) Y-COORD (M) CONC
- -
- -
350508.88 3814829.88 259.55930
350283.70 3815266.49 110.46088
350539.82 3814604.70 242.25820
350467.63 3814245.45 745.04831
350008.68 3813941.20 1284.56637
350147.91 3813936.04 1118.57935
350557.01 3814453.44 1121.72724
349200.78 3815251.02 98.44578
349173.28 3815257.89 97.44085
348862.58 3814174.11 388.42252
348862.58 3815183.55 90.47478
350494.71 3815179.68 265.33940
350486.97 3814363.62 359.24420
350216.24 3814363.62 437.78137
350216.24 3814193.45 403.66896
349991.92 3813969.12 1636.51589
349794.67 3813961.39 1316.87054
349597.42 3814065.81 1108.86334
349121.71 3814085.15 497.33450

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348170.28 348245.28 348320.28
348395.28 348470.28 348545.28 348620.28 348695.28
348770.28
- -
- -
-

3816095.46 | 30.46133 36.47710 36.80403
34.92569 30.04170 31.38023 32.47489 30.85004
55.15495
3816020.46 | 35.29911 37.97493 37.67591
32.65898 32.07682 32.66894 34.45707 32.44602
50.71702
3815945.46 | 41.77572 38.90116 36.65816
32.44648 36.15920 36.70576 40.11286 33.70771
38.99886
3815870.46 | 47.49722 45.67767 41.52260
40.79623 38.56972 38.54229 46.15855 41.38273
41.60097
3815795.46 | 48.32842 50.84605 49.60081
45.26337 42.23784 46.58753 48.36818 48.58235
45.40771
3815720.46 | 47.21263 52.12783 51.58025
42.96189 38.66766 59.14917 50.93702 51.03550
51.38493
3815645.46 | 54.64548 53.00420 53.18548
46.37989 46.29522 65.91482 59.13436 56.13651
54.90363

3815570.46 | 51.55161 59.38246 55.83318
44.70349 51.09636 83.00475 69.43035 49.72194
44.79867
3815495.46 | 48.71861 71.13870 58.64195
40.84501 61.64347 77.46319 57.08420 43.50149
41.96099
3815420.46 | 67.20875 73.25628 59.34664
44.25685 75.46830 71.50567 55.33346 45.94514
53.04419
3815345.46 | 73.73762 78.91961 58.00829
44.53155 99.00628 74.36825 58.92794 67.91505
57.59373
3815270.46 | 102.66843 103.72946 64.35596
62.23355 118.22321 86.81125 63.36819 49.81912
43.45571
3815195.46 | 115.42950 107.12000 78.16473
67.49274 137.43812 133.00858 87.42140 57.51549
47.95608
3815120.46 | 143.92473 130.66848 85.29755
64.51035 107.16887 209.06359 118.67009 88.09961
59.45471
3815045.46 | 173.08723 156.46328 138.37656
90.38657 91.28929 282.88228 211.70352 148.45511
79.04211
3814970.46 | 186.62196 137.08808 91.89789
81.01039 86.38126 240.03623 329.06023 174.34521
92.66662
3814895.46 | 79.47591 67.34207 58.72447
65.19657 78.87273 163.41471 548.91150 447.38069
212.08107
3814820.46 | 84.74929 101.35937 70.35665
93.79180 112.27996 129.60466 532.22922 580.14750
223.59968
3814745.46 | 189.80385 266.98189 140.52483
210.66208 222.56359 179.76661 562.25684 614.72230
581.09759
3814670.46 | 376.82403 432.93248 365.59620
289.74082 423.86576 529.65332 638.35050 657.78435
711.02806
3814595.46 | 390.15236 399.66028 396.98417
461.91821 526.22597 522.34543 570.63212 571.32205
696.02338
3814520.46 | 393.45508 391.88238 367.08735
368.40192 255.62935 272.26427 290.21671 311.48429
560.43274
3814445.46 | 383.79626 383.23439 370.90483
369.17710 258.57839 275.75399 296.00219 318.77820
540.36460
3814370.46 | 368.26368 429.32014 465.80729
431.71327 261.77771 277.78901 294.85763 317.44942
343.81383
3814295.46 | 111.52938 256.76351 411.45957

469.24015 506.91473 489.25590 294.59964 320.83003
349.10255
3814220.46 | 69.07962 219.28793 388.85306
352.16305 430.67099 487.08051 274.69947 300.94725
327.68624
3814145.46 | 116.53431 179.16308 112.74210
72.11960 100.93507 423.89978 495.90666 307.82114
331.88572
3814070.46 | 133.23438 49.55215 31.65709
32.60445 89.62828 442.68719 520.11138 559.28557
333.76267
3813995.46 | 32.96462 24.43008 23.75369
29.84399 46.78069 203.50600 278.49950 406.36730
508.93396
3813920.46 | 75.03513 45.72336 27.92611
21.70591 28.72755 94.74296 67.97614 151.98627
474.37220
3813845.46 | 222.12090 135.39668 35.78722
19.02093 21.27452 23.96918 28.89484 54.82875
119.41065
3813770.46 | 340.21163 312.86058 161.18584
34.23354 38.65699 34.05218 38.95005 53.35128
148.93262
3813695.46 | 283.65534 199.97217 61.49887
50.55834 86.71764 79.25977 103.51036 138.08336
256.94916
3813620.46 | 197.21270 226.83789 121.55869
38.90071 71.31531 156.49076 167.54125 248.89033
350.38580
3813545.46 | 155.02035 69.23943 36.95052
39.48681 92.35848 185.49210 188.40231 319.74800
236.25747
3813470.46 | 89.75233 34.09150 74.58615
110.08257 86.12845 48.00993 43.57535 201.21334
130.66439
3813395.46 | 120.77107 148.67522 208.63950
186.72697 160.27192 56.30546 45.52684 110.21627
66.95348
3813320.46 | 115.48667 118.13465 196.49638
184.19147 156.50051 107.61299 35.23195 32.11072
39.88882
3813245.46 | 168.15147 143.76083 149.84640
102.26723 37.10746 34.42188 28.30700 18.19451
20.35722
3813170.46 | 141.69567 123.72676 47.50576
25.67189 26.83227 48.00961 21.63376 18.73529
23.15578

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348845.28 348920.28 348995.28
349070.28 349145.28 349220.28 349295.28 349370.28
349445.28
- -
- -
-

3816095.46 | 59.48080 31.35620 54.05239
30.03486 31.14325 28.17554 28.53333 43.79563
57.74240
3816020.46 | 60.09000 31.01733 57.92745
32.24886 36.75556 29.04750 37.22907 42.22840
56.01472
3815945.46 | 56.42828 65.31674 67.38798
56.13889 40.37635 33.43563 41.50599 45.72447
60.17713
3815870.46 | 50.16386 61.89117 62.14023
63.28061 45.68470 42.45508 43.17216 48.35507
57.86009
3815795.46 | 45.66269 59.92660 72.77377
72.33838 60.30313 47.06432 44.90741 45.48402
59.47855
3815720.46 | 45.61904 49.07643 68.02227
75.64965 69.40930 54.60810 49.43963 51.06466
59.30483
3815645.46 | 48.39179 46.93642 66.68238
76.92607 77.51119 63.44662 52.17287 50.63153
52.82334

3815570.46 | 46.91609 51.62807 54.65656
74.92790 81.94479 75.21877 47.72467 52.54520
49.06479
3815495.46 | 45.76460 47.47296 53.66253
74.12902 79.40375 81.28119 65.10006 50.64521
39.95645
3815420.46 | 44.16924 49.16822 61.52182
81.50180 77.02799 86.11950 81.89180 54.39993
49.67681
3815345.46 | 45.35216 51.86271 70.37351
79.12997 59.76661 79.73663 85.84403 46.57005
41.51856
3815270.46 | 55.72479 57.94108 69.74630
95.95120 65.00463 76.61651 86.92216 53.95899
56.81824
3815195.46 | 68.27195 72.88749 121.62279
80.79357 76.67599 63.93366 84.37729 90.69501
73.88206
3815120.46 | 76.38645 99.68333 144.14968
93.54863 76.50892 72.82290 75.65242 96.73822
96.71711
3815045.46 | 93.39884 147.02106 135.19422
77.79145 76.62332 78.08310 77.18682 98.72874
107.94075
3814970.46 | 89.03972 254.55620 211.67107
146.01706 91.74621 71.07047 90.88568 108.61810
112.61498
3814895.46 | 135.87827 298.06253 180.35624
100.00909 89.62930 90.33136 100.95170 167.73438
113.94349
3814820.46 | 363.36467 582.00855 280.38817
135.46307 188.17532 138.65301 146.31864 195.09916
122.58359
3814745.46 | 651.04247 624.84964 168.03262
258.26773 209.83879 211.33033 267.56152 219.84221
107.21007
3814670.46 | 746.78706 628.72247 307.28221
425.60877 660.79162 445.16484 544.62711 252.91406
130.38193
3814595.46 | 740.97567 208.47052 332.23246
943.16907 1022.96476 908.23017 1046.44867 506.41529
240.99129
3814520.46 | 258.85334 323.99803 543.56833
944.82206 510.85192 1120.34577 1247.02430 1135.71867
224.70765
3814445.46 | 653.53142 716.77037 889.09496
989.90811 535.47160 595.02320 1235.71770 428.23419
258.17721
3814370.46 | 378.02425 405.15811 437.65157
490.12540 545.34783 614.86113 515.79005 629.91372
567.34495
3814295.46 | 378.35927 407.55949 444.32000

484.77209 540.20109 607.01532 1127.18753 1325.01488
720.58630
3814220.46 | 356.87436 390.26858 427.29237
471.50828 520.41805 575.24999 648.50747 804.90256
1588.00198
3814145.46 | 356.40285 382.71203 410.23028
443.61686 485.41418 540.05597 599.78990 689.54333
849.96223
3814070.46 | 350.85342 372.83607 404.49358
435.16643 453.92614 472.01164 544.97983 583.18603
629.32816
3813995.46 | 306.29561 345.52956 363.91853
355.52673 353.64311 391.41206 417.30883 459.46658
540.60059
3813920.46 | 263.74798 272.73174 302.24119
318.65611 328.94658 350.23580 393.73186 441.86530
493.75300
3813845.46 | 246.01953 252.96074 262.21885
319.72472 482.34425 391.13163 400.79748 405.00656
435.83960
3813770.46 | 222.12671 171.38550 178.54823
363.68109 367.85442 365.68647 343.24242 381.79825
329.61984
3813695.46 | 279.19262 203.71082 18.63112
41.23728 274.84300 331.97150 340.37368 284.28696
257.98308
3813620.46 | 366.01196 147.75012 40.14538
38.24685 66.74337 153.46776 234.06003 264.94800
252.88434
3813545.46 | 210.56987 232.91388 118.46796
63.21364 200.15920 216.75429 249.22699 64.04481
191.46933
3813470.46 | 76.75542 118.04203 140.82284
61.59541 70.56831 103.46669 90.12540 22.68861
114.27581
3813395.46 | 40.44359 33.82078 64.73377
61.10517 83.30908 55.77393 152.08335 222.80966
120.35405
3813320.46 | 21.78558 27.57934 41.30369
37.46241 100.49470 140.62269 160.98548 198.26918
526.53678
3813245.46 | 25.19246 54.59133 62.10015
38.10736 27.09439 58.75789 244.19692 207.48255
177.65363
3813170.46 | 33.48098 43.68039 40.21194
102.33975 66.32251 125.07409 162.51742 177.92116
147.89930

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349520.28 349595.28 349670.28
349745.28 349820.28 349895.28 349970.28 350045.28
350120.28
- -
- -
-

3816095.46 | 56.59067 62.40490 68.59401
59.94965 60.37353 73.50393 75.58170 75.29041
52.55785
3816020.46 | 61.60570 61.94504 70.02191
67.88183 64.17701 83.04942 77.40380 75.38038
91.19333
3815945.46 | 66.66283 69.48238 75.25569
72.34468 75.09802 88.28995 86.73819 77.65490
133.58315
3815870.46 | 64.65302 69.48527 85.27450
85.79132 98.70195 114.40382 142.63219 135.09501
169.61449
3815795.46 | 71.33567 77.97946 88.73806
93.31573 118.93472 167.40505 200.71511 295.60427
347.49279
3815720.46 | 75.43076 72.21877 76.87753
95.08266 127.68753 195.26291 174.97138 210.90648
456.97106
3815645.46 | 72.30559 75.29500 87.33940
100.22061 103.30090 115.30843 187.21700 274.05535
449.12518

3815570.46 | 66.00945 77.02335 86.17980
93.03206 81.33678 104.91169 108.47636 207.44621
232.49771
3815495.46 | 58.22666 72.69501 83.57834
85.42654 81.53431 98.13399 85.03067 83.62655
112.53086
3815420.46 | 49.93755 76.64137 79.59889
88.02679 82.82890 95.20708 85.01227 75.87625
76.95907
3815345.46 | 40.46789 49.00954 50.54929
92.83286 82.48750 96.03504 84.38514 72.14789
71.12087
3815270.46 | 45.48001 63.63282 58.46826
65.20312 56.14340 65.13104 59.94337 51.81377
50.24340
3815195.46 | 67.58052 67.85531 81.73738
93.40311 89.77885 70.21252 98.52957 72.88340
54.00883
3815120.46 | 73.71804 72.19888 67.27669
102.72609 98.31460 105.11498 106.90160 81.80239
61.07303
3815045.46 | 83.39457 85.02725 95.22660
105.96201 111.77769 113.68603 111.17602 95.31114
79.36992
3814970.46 | 104.19250 90.19602 101.38078
108.45644 122.31284 125.15602 114.55216 98.10556
77.65736
3814895.46 | 116.52055 94.61195 110.61517
121.02144 134.89184 137.15652 112.62603 83.34983
84.38516
3814820.46 | 120.11620 125.67329 130.61502
140.13141 150.88081 147.73471 110.82539 111.69469
99.41371
3814745.46 | 108.61730 138.54611 142.77535
160.44354 170.76789 164.04626 134.96193 128.65100
136.82611
3814670.46 | 141.15941 181.36644 170.49944
188.14247 253.46245 192.20980 171.65263 164.68801
165.46322
3814595.46 | 187.84528 409.36396 482.27981
334.09545 354.50708 229.30485 204.30413 191.68563
179.76203
3814520.46 | 186.42022 714.77075 666.77467
803.62721 321.91066 228.38397 213.53284 195.10835
187.03055
3814445.46 | 239.60874 1486.87673 2030.22731
1289.46367 430.72678 335.22578 273.61178 276.90347
200.42267
3814370.46 | 835.43062 1247.03926 2230.39822
560.20358 347.09984 435.96636 429.49640 317.90940
296.12574
3814295.46 | 1799.85872 1352.81935 1298.91564

412.42686 0.00000 0.00000 0.00000 437.81017
313.67746
3814220.46 | 1179.46358 1360.30146 542.10049
0.00000 0.00000 0.00000 0.00000 1057.86917
471.54373
3814145.46 | 1018.99352 1254.91220 1764.85080
0.00000 0.00000 0.00000 0.00000 1784.27625
1513.16819
3814070.46 | 756.36590 933.12223 1152.14951
2118.26311 0.00000 0.00000 0.00000 797.89850
1603.00894
3813995.46 | 636.57919 760.48773 870.03562
1145.94156 1430.78707 1831.94351 2060.49189 1517.31335
1764.33792
3813920.46 | 533.60106 593.65576 681.70601
875.70559 947.67085 990.41477 1229.83029 1108.76165
1166.84775
3813845.46 | 438.94444 456.69631 548.15935
643.96185 673.91350 693.22626 841.34496 923.69907
933.09671
3813770.46 | 330.83127 378.39069 513.91353
540.58242 505.63524 515.61649 626.08268 685.46075
873.24360
3813695.46 | 282.98557 366.14554 389.37363
449.17870 394.95335 400.63944 502.47424 660.12230
698.30937
3813620.46 | 288.83841 373.89716 314.87556
340.40439 318.16724 321.65214 405.04518 481.28822
494.97147
3813545.46 | 744.07074 291.12391 313.09741
258.71012 262.60144 264.86180 345.15690 377.39514
376.75279
3813470.46 | 316.39074 279.48793 302.92792
215.80270 221.00574 222.53935 291.27321 328.11260
319.63374
3813395.46 | 315.00158 259.32926 289.62380
191.62266 188.99386 190.07317 246.95798 285.87677
296.78399
3813320.46 | 206.83821 465.51060 223.56542
185.95299 172.24942 164.56904 223.24563 248.73141
268.17757
3813245.46 | 164.36267 233.94262 175.35834
81.02795 112.98619 175.41752 204.52863 224.31655
239.00010
3813170.46 | 170.64541 178.51430 123.55847
162.35355 156.25431 124.07304 206.66383 215.07204
221.74743

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350195.28 350270.28 350345.28
350420.28 350495.28 350570.28 350645.28 350720.28
350795.28
- -
- -
-

3816095.46 | 70.96404 43.50396 52.46145
86.71272 54.31389 76.34113 48.16598 63.23393
400.48186
3816020.46 | 87.06883 115.47668 91.19186
93.31254 148.88743 161.03924 80.62055 136.57656
240.91681
3815945.46 | 130.74562 190.90836 317.07855
447.97593 337.40313 384.58352 306.26702 442.33901
425.67736
3815870.46 | 227.26268 312.57893 502.36657
488.52856 505.10238 470.50983 431.70373 176.09393
448.24785
3815795.46 | 399.20653 448.60457 520.71315
484.55118 182.77885 374.54105 185.42534 184.62810
176.01406
3815720.46 | 552.76878 539.75613 559.17039
202.17757 194.12914 193.19703 198.85557 194.05922
176.07868
3815645.46 | 529.06773 565.90148 515.03030
215.89269 210.09575 207.83346 205.72025 190.78465
160.87534

3815570.46 | 222.47092 604.88933 624.37201
580.69857 222.54614 224.01540 221.78776 190.79696
170.98887
3815495.46 | 80.61544 162.76958 390.10419
144.13550 546.92376 473.47702 225.10376 191.51347
186.25449
3815420.46 | 71.77112 120.90512 188.42567
392.21916 633.52916 589.42231 223.88091 205.25773
210.28613
3815345.46 | 63.63769 71.55385 120.70794
231.86678 292.02303 423.95168 582.12065 231.69894
223.06887
3815270.46 | 75.19475 81.55532 98.56610
100.81651 91.61381 123.36870 381.47250 115.85728
615.58569
3815195.46 | 87.31789 76.55377 100.38815
94.12815 82.54480 91.74080 96.14538 107.16948
435.09643
3815120.46 | 83.55470 83.85111 103.53157
94.69862 90.32200 93.83966 98.21716 88.37065
122.09283
3815045.46 | 73.50166 106.88747 104.78929
97.56727 102.37246 100.60231 88.42968 94.28967
97.13231
3814970.46 | 93.30723 112.16895 105.71321
107.17746 110.06833 95.71251 98.90769 100.21162
105.42625
3814895.46 | 108.42883 117.25480 111.50887
118.12114 114.88188 109.50979 110.55762 107.73350
240.33001
3814820.46 | 122.25308 124.16724 125.97603
121.46560 118.77764 167.54623 272.34456 620.75744
783.86688
3814745.46 | 124.44681 125.29641 120.95016
112.70909 118.87806 112.38154 109.19574 105.13610
504.23237
3814670.46 | 152.84088 135.28313 127.94211
135.16637 124.91788 116.02917 131.07212 211.29315
180.00499
3814595.46 | 163.82582 141.35566 151.07037
146.14375 168.21466 128.36827 203.16220 972.25409
870.63254
3814520.46 | 165.92397 150.20551 166.05631
302.09375 621.76665 704.80650 411.23047 424.94730
363.95596
3814445.46 | 183.05393 164.03487 173.77257
163.59532 267.03738 1120.80211 483.70975 422.09626
962.82732
3814370.46 | 200.88747 222.26108 340.90062
317.30083 171.96411 282.16571 940.74066 662.79515
404.95964
3814295.46 | 233.69578 303.16850 775.24446

1490.93666 1127.68264 675.77685 837.71778 765.69555
430.45548
3814220.46 | 334.70945 257.49216 762.61854
794.76842 667.46493 584.34233 531.28446 272.29286
512.91002
3814145.46 | 294.87953 388.45898 280.28902
1502.47709 627.43913 509.19414 539.28319 466.54031
931.06628
3814070.46 | 422.37747 402.34763 374.89636
752.81098 592.88962 478.68068 440.25808 411.93291
375.79509
3813995.46 | 1192.99169 1385.99710 372.58645
712.39805 555.34198 500.13149 415.26287 363.86285
354.25397
3813920.46 | 1839.20237 391.13409 377.14627
723.50159 624.58217 445.48648 398.22321 350.65312
319.97547
3813845.46 | 1624.57431 1310.72453 740.22038
901.70671 1171.57815 547.87536 491.08759 368.75903
316.45230
3813770.46 | 820.19609 724.19646 693.29098
587.36704 558.14834 496.82800 1046.06103 914.82593
340.57824
3813695.46 | 588.53545 572.32656 558.73231
475.51506 462.30412 497.07924 440.84942 371.58665
296.41605
3813620.46 | 510.85180 490.29004 490.92975
427.39242 412.63917 405.55146 409.08565 338.44218
269.28182
3813545.46 | 436.10380 435.50050 401.31697
390.42643 394.00266 347.70130 408.05081 310.81138
269.55783
3813470.46 | 368.66932 389.52603 368.46520
349.44016 333.88107 353.66675 337.39843 301.54650
257.47245
3813395.46 | 305.27303 339.48247 344.86238
324.25943 305.09025 302.19775 324.36561 333.14142
251.30765
3813320.46 | 249.83940 274.14710 308.63944
301.72964 283.24537 272.96102 294.98370 255.51630
237.15308
3813245.46 | 227.40575 253.90237 273.08256
279.65539 263.46197 251.99955 246.56410 271.91805
215.98517
3813170.46 | 210.38632 201.76317 225.63473
252.43447 252.23643 240.75124 225.48389 227.73773
216.13555

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	174.87538	95.30190	99.55025	341.06646
3816020.46	432.01730	186.62925	440.04614	327.14064
3815945.46	158.75597	440.14030	351.14777	125.56899
3815870.46	160.70360	418.22617	133.64789	137.84126
3815795.46	155.86684	146.55118	151.64317	146.12209
3815720.46	156.06952	152.01228	152.94664	145.99114
3815645.46	157.84927	161.73756	158.60381	134.42498
3815570.46	172.94368	174.76226	156.28028	135.24525
3815495.46	187.28647	168.79237	139.46330	137.32424
3815420.46	194.46532	152.53164	145.55617	141.35048
3815345.46	181.07672	168.46179	162.33242	162.13839

3815270.46	197.42513	201.91105	194.65183	169.08052
3815195.46	610.34722	512.86228	219.54198	203.82928
3815120.46	161.59350	152.57803	241.43019	485.78967
3815045.46	98.92219	194.03023	658.53025	629.86940
3814970.46	127.16661	106.55916	162.88154	523.60589
3814895.46	537.85393	179.37077	332.46515	561.79718
3814820.46	796.87662	535.73670	370.08694	672.90106
3814745.46	766.42909	294.50627	746.43604	530.94567
3814670.46	839.26590	790.44605	285.06289	263.69254
3814595.46	347.96503	678.06873	736.75028	266.70362
3814520.46	312.22541	292.08763	294.86779	279.87206
3814445.46	360.03076	307.83313	253.46794	272.33555
3814370.46	348.98442	328.60476	258.10089	263.39785
3814295.46	353.57937	283.99670	258.73140	250.04766
3814220.46	362.49646	325.35651	261.34954	236.93558
3814145.46	785.23917	312.91767	309.81901	238.80989
3814070.46	378.47241	348.47529	304.73749	234.00094
3813995.46	305.42573	282.46735	284.42264	251.54393
3813920.46	295.26709	266.30767	247.49985	232.00732
3813845.46	272.04099	256.83120	241.45932	224.63144
3813770.46	310.86467	276.87433	224.12537	209.41558
3813695.46	273.03610	250.34181	221.32423	203.64028
3813620.46	245.60830	238.41297	224.80829	208.94489
3813545.46	243.84498	220.35906	207.03111	203.22019
3813470.46	240.14565	225.06853	199.41480	188.64007
3813395.46	226.70027	214.53248	203.45247	187.99939

3813320.46	219.50062	202.25908	191.90784	184.99172
3813245.46	206.80545	197.15197	186.65992	175.71198
3813170.46	191.39508	187.06343	180.05482	172.79661

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION
VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC
X-COORD (M) Y-COORD (M) CONC
- -
- -
350508.88 3814829.88 121.34410
350283.70 3815266.49 81.11263
350539.82 3814604.70 130.72655
350467.63 3814245.45 728.03315
350008.68 3813941.20 1270.48703
350147.91 3813936.04 1107.85839
350557.01 3814453.44 1113.90243
349200.78 3815251.02 62.86442
349173.28 3815257.89 58.87172
348862.58 3814174.11 365.63632
348862.58 3815183.55 76.19636
350494.71 3815179.68 86.86191
350486.97 3814363.62 194.28465
350216.24 3814363.62 210.50217
350216.24 3814193.45 292.49588
349991.92 3813969.12 1621.28245
349794.67 3813961.39 1117.20511
349597.42 3814065.81 952.56831
349121.71 3814085.15 459.32825

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY OF
MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL 1ST HIGHEST VALUE IS 248.11425 AT (350120.28,
3814070.46, 390.30, 520.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 242.85453 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 218.61245 AT (349745.28,
3814070.46, 386.70, 524.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 207.62733 AT (349895.28,
3813995.46, 389.80, 520.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 199.17397 AT (350045.28,
3813995.46, 379.10, 524.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 199.07997 AT (349670.28,
3814145.46, 390.60, 524.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 189.41728 AT (349595.28,
3814295.46, 383.90, 524.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 184.84600 AT (349595.28,
3814370.46, 386.90, 524.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 182.36048 AT (349991.92,
3813969.12, 381.07, 520.00, 0.00) DC
10TH HIGHEST VALUE IS 180.03377 AT (350120.28,
3814145.46, 397.10, 520.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST
MAX DAILY 1-HR RESULTS AVERAGED OVER 1 YEARS ***

** CONC OF NO2 IN
MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL 1ST HIGHEST VALUE IS 2260.58794 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 2236.36357 AT (349745.28,
3814070.46, 386.70, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 2135.27930 AT (349970.28,
3813995.46, 394.70, 520.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 2034.52441 AT (349670.28,
3814445.46, 393.00, 524.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 1975.48175 AT (349895.28,
3813995.46, 389.80, 520.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 1880.60891 AT (350045.28,
3814145.46, 396.00, 520.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 1840.40686 AT (350195.28,
3813920.46, 392.00, 520.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 1828.08526 AT (349520.28,
3814295.46, 391.10, 524.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 1814.30119 AT (349670.28,
3814145.46, 390.60, 524.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 1775.42313 AT (350120.28,
3813995.46, 395.60, 520.00, 0.00) GC UCART1

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 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltNox\RGAltNox.isc
***        06/19/14
                                   ***
***        14:17:15

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 **MODELOPTs:  RegDFAULT CONC
ELEV


                      *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST
MAX DAILY  1-HR RESULTS AVERAGED OVER   1 YEARS ***


                                     ** CONC OF NO2      IN
MICROGRAMS/M**3                           **


NETWORK
GROUP ID                        AVERAGE CONC
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS    2230.39822 AT (  349670.28,
3814370.46,   390.90,   524.00,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS    2118.26311 AT (  349745.28,
3814070.46,   386.70,   524.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS    2060.49189 AT (  349970.28,
3813995.46,   394.70,   520.00,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS    2030.22731 AT (  349670.28,
3814445.46,   393.00,   524.00,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS    1839.20237 AT (  350195.28,
3813920.46,   392.00,   520.00,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS    1831.94351 AT (  349895.28,
3813995.46,   389.80,   520.00,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS    1799.85872 AT (  349520.28,
3814295.46,   391.10,   524.00,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS    1784.27625 AT (  350045.28,
3814145.46,   396.00,   520.00,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS    1764.85080 AT (  349670.28,
3814145.46,   390.60,   524.00,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS    1764.33792 AT (  350120.28,
3813995.46,   395.60,   520.00,    0.00)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

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 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\RGAltNOx\RGAltNox\RGAltNox.isc
***        06/19/14
                                   ***
***        14:17:15

PAGE  40
 **MODELOPTs:  RegDFAULT CONC
ELEV


 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of          204 Informational Message(s)

 A Total of         8760 Hours Were Processed

 A Total of            0 Calm Hours Identified

 A Total of          204 Missing Hours Identified (  2.33
Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 CO W361      25 COCARD:Multiyear PERIOD/ANNUAL values for
NO2/SO2 require MULTYEAR Opt
 SO W320      43  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      44  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
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**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 6/19/2014
** File:
C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltPM10\RGAltPM10\RGAltPM1
0.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE
C:\AERMOD\LosValles\LosVallesNOx\LosVallesCO\LosVallesPM10\LosVal
les
   MODELOPT DFAULT CONC
   AVERTIME 24 PERIOD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL RGAltPM10.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     349887.570  3814179.790
385.830
** DESCRSRC Grading
   LOCATION VOL2         VOLUME     349370.560  3814249.570
383.120
** DESCRSRC Paving
   LOCATION VOL3         VOLUME     349694.090  3814627.020
410.120
** DESCRSRC Trenching
   LOCATION AREA1        AREA       349729.250  3814023.200
371.310
** DESCRSRC Grading
** Source Parameters **
   SRCPARAM VOL1            0.0691     3.000    73.026     1.000
```

```
   SRCPARAM VOL2               0.0     3.000    67.126     1.000
   SRCPARAM VOL3               0.0     3.000    68.600     1.000
   SRCPARAM AREA1        1.8117E-06     3.000   316.240   314.170
0.000
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED RGAltPM10.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE met\burk6.sfc
   PROFFILE met\burk6.PFL
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 175.0 METERS
   STARTEND 2005 1 1 1 2005 12 31 24
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST RGALTPM10.AD\24H1GALL.PLT 31
   PLOTFILE PERIOD ALL RGALTPM10.AD\PE00GALL.PLT 32
   SUMMFILE RGAltPM10.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
```

```
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      45  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      46  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

 ************************************
 *** SETUP Finishes Successfully ***
 ************************************
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** MODEL SETUP
OPTIONS SUMMARY ***
- -
- -

**Model Is Setup For Calculation of Average CONCentration
Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

**This Run Includes: 4 Source(s); 1 Source Group(s);
and 1619 Receptor(s)

**The Model Assumes A Pollutant Type of: PM_10

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by
Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for
Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 175.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Detailed Error/Message File: RGAltPM10.err
**File for Summary of Results: RGAltPM10.sum

**MODELOPTs: RegDFAULT CONC
ELEV

*** VOLUME
SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
VOL1	0	0.69100E-01	349887.6	3814179.8	385.8	3.00	73.03	1.00	NO	
VOL2	0	0.00000E+00	349370.6	3814249.6	383.1	3.00	67.13	1.00	NO	
VOL3	0	0.00000E+00	349694.1	3814627.0	410.1	3.00	68.60	1.00	NO	

**MODELOPTs: RegDFAULT CONC
ELEV

*** AREA SOURCE
DATA ***

	NUMBER	EMISSION RATE	COORD (SW CORNER)		BASE	RELEASE	X-DIM	Y-DIM	ORIENT.	INIT.	URBAN	EMISSION RATE
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF AREA	OF AREA	OF AREA	SZ	SOURCE	SCALAR VARY
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)	(METERS)		BY
- - -

**MODELOPTs: RegDFAULT CONC
ELEV

*** SOURCE IDs
DEFINING SOURCE GROUPS ***

GROUP ID SOURCE
IDs

ALL VOL1 , VOL2 , VOL3 , AREA1
,

**MODELOPTs: RegDFAULT CONC
ELEV

*** GRIDDED RECEPTOR
NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF
GRID ***
(METERS)

348170.3, 348245.3, 348320.3, 348395.3, 348470.3,
348545.3, 348620.3, 348695.3, 348770.3, 348845.3,
348920.3, 348995.3, 349070.3, 349145.3, 349220.3,
349295.3, 349370.3, 349445.3, 349520.3, 349595.3,
349670.3, 349745.3, 349820.3, 349895.3, 349970.3,
350045.3, 350120.3, 350195.3, 350270.3, 350345.3,
350420.3, 350495.3, 350570.3, 350645.3, 350720.3,
350795.3, 350870.3, 350945.3, 351020.3, 351095.3,

*** Y-COORDINATES OF
GRID ***
(METERS)

3813170.5, 3813245.5, 3813320.5, 3813395.5, 3813470.5,
3813545.5, 3813620.5, 3813695.5, 3813770.5, 3813845.5,
3813920.5, 3813995.5, 3814070.5, 3814145.5, 3814220.5,
3814295.5, 3814370.5, 3814445.5, 3814520.5, 3814595.5,
3814670.5, 3814745.5, 3814820.5, 3814895.5, 3814970.5,
3815045.5, 3815120.5, 3815195.5, 3815270.5, 3815345.5,
3815420.5, 3815495.5, 3815570.5, 3815645.5, 3815720.5,
3815795.5, 3815870.5, 3815945.5, 3816020.5, 3816095.5,

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	473.20	460.50	461.30	472.50	488.90	483.80	480.90	493.00	487.20
3816020.46	460.70	456.40	459.60	478.20	482.60	482.70	467.70	489.70	476.70
3815945.46	454.90	454.30	459.70	477.60	470.30	479.70	461.70	479.50	468.40
3815870.46	449.30	450.00	453.30	457.60	461.50	465.80	456.80	463.90	462.60
3815795.46	447.90	447.20	448.00	449.80	457.90	450.10	450.20	455.10	456.00
3815720.46	443.50	444.90	447.90	458.90	460.90	443.30	447.00	450.10	451.30
3815645.46	442.20	441.40	445.00	456.70	455.70	440.90	443.30	443.50	450.60
3815570.46	445.80	438.00	441.50	456.50	452.20	433.40	440.10	453.20	465.70
3815495.46	446.40	435.80	441.00	460.90	439.60	434.90	446.40	464.00	

477.90
3815420.46 | 435.50 433.00 442.70
460.10 432.60 434.20 451.80 466.20
455.00
3815345.46 | 432.00 429.60 442.10
452.30 427.20 434.10 443.40 441.70
451.60
3815270.46 | 427.20 427.30 440.90
440.80 422.60 429.70 441.30 457.80
474.20
3815195.46 | 423.40 424.00 432.50
438.90 420.10 421.20 430.50 450.20
468.80
3815120.46 | 420.10 422.00 428.30
438.40 427.20 414.40 422.50 434.00
451.60
3815045.46 | 416.90 418.60 421.80
429.50 427.60 410.70 414.40 420.70
436.20
3814970.46 | 415.70 419.80 426.90
432.40 434.80 412.80 408.60 418.90
431.60
3814895.46 | 431.90 435.20 444.00
438.40 431.30 418.80 403.60 406.20
415.50
3814820.46 | 429.20 425.60 436.80
427.20 423.30 421.60 402.20 402.70
414.50
3814745.46 | 415.60 411.60 420.40
414.20 414.30 417.00 403.20 400.80
402.20
3814670.46 | 402.20 402.60 407.60
410.40 403.70 402.40 397.10 395.30
398.10
3814595.46 | 399.20 396.10 393.90
395.80 399.80 393.00 392.60 393.00
398.60
3814520.46 | 397.70 395.20 392.10
391.10 390.40 388.10 388.20 388.30
403.30
3814445.46 | 396.40 394.20 392.00
391.00 389.20 387.10 385.90 385.60
391.40
3814370.46 | 404.00 397.00 394.70
392.30 388.60 387.90 386.20 384.00
383.20
3814295.46 | 422.40 410.90 401.90
394.90 394.00 391.70 387.00 384.50
382.90
3814220.46 | 430.30 413.50 404.10
406.70 403.00 400.10 390.40 386.10
382.60

3814145.46 | 419.10 413.30 419.50 427.40 420.90 402.90 393.80 386.50 384.20
3814070.46 | 418.60 432.90 452.10 446.80 424.20 403.10 395.20 396.40 386.50
3813995.46 | 437.90 454.80 469.40 447.60 431.20 411.40 408.70 404.50 393.10
3813920.46 | 421.60 429.20 436.50 467.70 439.20 419.80 423.60 415.40 402.00
3813845.46 | 406.90 412.90 432.60 456.50 447.60 446.90 436.80 428.00 413.20
3813770.46 | 402.70 404.70 413.90 434.30 429.90 433.20 429.60 425.20 409.90
3813695.46 | 396.10 402.30 416.70 423.90 417.90 415.80 409.20 406.40 392.80
3813620.46 | 393.70 396.60 409.10 420.60 411.40 403.50 398.80 394.50 395.90
3813545.46 | 394.30 408.10 423.50 425.00 409.80 403.70 407.10 397.80 401.70
3813470.46 | 404.30 421.70 412.10 412.50 415.10 420.70 419.90 403.60 408.30
3813395.46 | 398.10 404.00 397.20 400.40 403.90 419.00 422.90 411.50 420.80
3813320.46 | 386.70 390.40 393.30 395.10 403.90 407.80 424.70 429.30 427.30
3813245.46 | 391.80 393.50 399.40 406.80 423.60 427.90 435.80 447.70 442.10
3813170.46 | 400.50 405.00 415.00 425.60 429.50 423.60 442.20 446.30 429.20

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	487.70	509.30	487.20	504.50	495.50	509.20	498.40	475.30	487.10
3816020.46	487.40	501.20	479.60	494.80	483.50	496.40	476.20	467.40	483.20
3815945.46	474.90	478.50	470.60	490.40	471.80	494.00	475.10	459.60	473.90
3815870.46	465.10	467.50	468.80	469.10	464.00	471.50	470.20	455.20	449.70
3815795.46	458.40	464.00	458.80	458.10	458.00	461.60	463.80	462.60	449.70
3815720.46	456.70	457.50	449.80	452.30	454.10	455.60	458.30	456.70	447.00
3815645.46	456.00	461.00	450.70	447.60	450.10	452.20	459.00	462.70	457.70
3815570.46	465.80	464.80	452.30	442.90	447.60	458.10	477.00	483.20	475.50
3815495.46	479.80	467.10	459.70	440.30	449.90	464.30	473.40	475.70	

499.20
3815420.46 | 475.80 467.70 448.20
435.70 443.10 450.00 461.70 471.00
485.90
3815345.46 | 469.90 462.00 441.20
436.80 457.20 476.30 475.40 503.50
504.10
3815270.46 | 457.90 453.10 439.50
430.90 453.90 458.70 472.00 500.70
479.80
3815195.46 | 446.30 441.80 424.60
435.80 443.50 457.00 471.90 487.10
464.70
3815120.46 | 435.20 429.10 423.50
431.20 442.10 460.80 474.00 463.90
450.50
3815045.46 | 430.40 420.90 423.40
444.90 443.70 448.80 454.70 447.10
438.80
3814970.46 | 433.00 412.60 414.50
422.10 435.40 457.90 442.40 432.40
433.10
3814895.46 | 422.50 410.20 417.90
430.00 441.50 444.90 432.60 421.40
441.10
3814820.46 | 408.20 403.40 411.60
421.90 418.40 423.30 424.20 417.80
428.30
3814745.46 | 401.70 402.80 419.90
412.50 415.60 416.60 412.60 417.10
449.50
3814670.46 | 397.40 402.40 410.70
406.70 402.70 406.10 404.40 413.90
432.00
3814595.46 | 398.90 415.30 408.70
395.70 394.00 399.40 398.30 405.20
415.20
3814520.46 | 412.60 409.40 404.40
393.80 387.40 395.60 394.30 397.90
416.00
3814445.46 | 394.70 392.90 396.10
396.30 385.10 387.30 394.30 407.00
414.30
3814370.46 | 383.60 380.70 378.60
381.30 381.90 389.20 404.80 402.90
404.10
3814295.46 | 381.10 378.90 378.00
377.60 379.10 379.10 391.60 391.90
401.40
3814220.46 | 380.20 378.60 377.00
376.10 375.10 373.80 374.50 380.40
391.20

3814145.46 | 381.10 378.60 376.10
374.60 372.70 371.40 369.70 370.00
375.10
3814070.46 | 380.20 379.00 378.00
374.60 372.10 369.70 368.20 367.00
366.80
3813995.46 | 386.60 387.20 382.20
374.00 371.10 369.00 367.70 366.60
365.10
3813920.46 | 389.50 380.00 378.20
375.80 372.90 371.40 369.20 365.70
365.00
3813845.46 | 388.30 383.50 383.00
389.80 393.00 387.70 372.90 369.00
366.00
3813770.46 | 385.80 407.60 409.30
403.60 403.70 386.20 373.70 372.50
369.10
3813695.46 | 398.00 409.10 437.20
423.30 404.70 386.20 384.50 377.60
370.40
3813620.46 | 396.40 411.00 425.80
430.70 420.10 409.40 384.80 386.50
381.40
3813545.46 | 405.70 402.90 411.80
420.20 404.90 394.00 396.60 409.90
400.30
3813470.46 | 418.00 411.90 409.90
419.10 413.60 401.50 404.90 426.70
408.00
3813395.46 | 427.80 431.90 414.90
415.60 404.40 409.50 393.90 397.50
410.90
3813320.46 | 440.90 429.00 421.20
416.20 396.90 391.90 386.50 385.60
395.40
3813245.46 | 423.40 413.80 403.20
406.40 403.80 404.00 391.50 378.70
387.90
3813170.46 | 419.60 410.80 402.60
394.00 397.40 388.90 383.70 380.00
376.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	480.80	484.10	464.80	456.50	458.10	459.40	457.40	435.00	446.90
3816020.46	460.80	461.90	462.90	447.80	442.20	436.30	449.80	436.40	427.80
3815945.46	453.30	443.60	447.80	441.40	434.50	428.90	427.00	432.00	420.70
3815870.46	452.10	440.50	435.80	431.60	427.50	423.70	419.50	420.20	417.50
3815795.46	441.20	438.00	434.20	429.20	423.80	418.20	414.50	410.40	408.40
3815720.46	444.60	452.50	448.30	428.30	422.40	415.80	417.00	414.50	405.20
3815645.46	450.30	459.60	436.90	427.30	427.10	424.80	416.60	411.50	406.10
3815570.46	456.60	459.20	439.60	438.60	436.00	426.00	424.90	415.00	413.00
3815495.46	470.00	468.20	450.50	466.60	443.80	432.40	442.00	433.70	

424.00
3815420.46 | 485.80 486.80 482.20
458.10 449.10 449.60 458.50 440.80
438.50
3815345.46 | 518.10 506.80 505.40
477.20 472.70 477.40 486.10 458.50
464.40
3815270.46 | 498.00 488.80 497.60
493.90 510.40 497.60 496.10 492.80
497.50
3815195.46 | 468.40 483.80 486.10
471.20 483.30 491.50 472.30 479.60
510.80
3815120.46 | 456.50 471.50 494.50
461.60 467.40 484.90 463.10 478.30
499.50
3815045.46 | 449.10 467.80 470.10
468.20 449.80 467.10 455.00 476.30
490.00
3814970.46 | 464.40 468.80 447.60
465.40 446.30 449.20 454.00 467.40
499.10
3814895.46 | 450.50 449.70 436.50
458.90 441.30 437.30 466.60 504.50
513.10
3814820.46 | 451.10 442.20 428.20
441.00 432.60 441.40 475.50 488.70
481.30
3814745.46 | 461.30 449.00 426.80
431.60 423.20 437.30 452.70 457.70
455.40
3814670.46 | 430.40 420.40 424.30
419.60 415.60 423.00 430.00 437.40
442.80
3814595.46 | 419.60 407.70 406.00
410.10 410.10 418.70 425.50 431.40
441.80
3814520.46 | 420.90 401.90 402.40
400.80 411.80 440.00 442.30 451.30
450.00
3814445.46 | 415.90 396.50 393.00
397.70 407.60 418.40 432.50 426.30
452.40
3814370.46 | 400.50 386.90 390.90
404.40 426.50 415.70 412.00 426.90
421.60
3814295.46 | 391.10 383.90 397.40
417.30 408.00 391.70 412.90 414.40
426.10
3814220.46 | 386.90 381.00 404.40
418.40 405.40 386.80 411.50 400.20
419.60

3814145.46 | 376.60 378.10 390.60
400.90 386.20 392.30 414.80 396.00
397.10
3814070.46 | 369.60 373.60 372.40
386.70 376.60 381.90 402.40 401.40
390.30
3813995.46 | 365.10 364.70 365.20
365.80 367.70 389.80 394.70 379.10
395.60
3813920.46 | 364.00 363.10 362.10
360.40 362.10 369.60 378.60 370.90
380.20
3813845.46 | 363.60 360.80 359.60
358.10 357.00 362.20 363.50 371.50
375.60
3813770.46 | 363.60 360.10 357.70
356.20 355.10 357.00 359.00 363.00
379.20
3813695.46 | 364.10 361.10 357.60
355.10 354.00 354.60 355.30 382.30
375.00
3813620.46 | 374.60 370.30 357.70
355.10 352.70 351.10 352.70 354.70
353.50
3813545.46 | 393.50 374.30 362.40
359.70 353.70 349.70 349.50 348.60
348.60
3813470.46 | 389.40 378.60 368.10
368.20 358.90 350.10 347.60 346.10
346.10
3813395.46 | 400.00 386.40 386.00
377.00 363.40 352.50 349.20 347.40
344.60
3813320.46 | 389.80 391.60 403.30
393.10 377.50 364.10 360.30 349.80
343.00
3813245.46 | 377.40 381.30 381.90
400.40 396.20 382.20 366.00 359.00
352.60
3813170.46 | 377.30 368.10 370.20
384.20 392.00 396.90 381.90 369.20
356.30

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	435.70	453.50	453.60	426.90	443.30	434.90	459.60	441.80	402.90
3816020.46	426.70	424.60	426.40	425.80	419.00	418.80	428.70	420.40	413.40
3815945.46	420.70	416.40	409.40	404.10	409.00	405.20	409.50	397.50	404.20
3815870.46	413.70	409.80	400.50	395.40	400.90	398.10	404.00	388.00	396.50
3815795.46	407.40	404.50	401.00	393.70	390.50	391.60	389.00	384.70	381.70
3815720.46	401.50	399.80	396.60	390.40	386.20	385.20	390.40	380.00	377.70
3815645.46	402.30	395.70	393.10	388.20	383.90	378.70	376.80	371.70	369.30
3815570.46	414.50	400.30	395.90	395.90	386.30	378.40	380.40	372.20	366.50
3815495.46	435.70	417.20	407.90	420.20	402.90	392.00	385.20	376.80	

370.50
3815420.46 | 451.10 424.10 417.60
407.90 400.10 394.20 386.10 380.40
374.20
3815345.46 | 471.30 449.50 425.00
414.10 411.90 406.70 393.00 389.80
377.40
3815270.46 | 461.80 443.30 429.10
432.70 446.80 425.50 408.30 424.60
401.40
3815195.46 | 490.70 464.90 452.50
458.40 482.80 464.90 450.30 425.10
407.00
3815120.46 | 476.70 481.40 478.70
468.50 462.70 478.20 464.90 442.60
423.40
3815045.46 | 481.70 459.00 459.80
468.90 446.30 477.00 471.20 441.60
437.20
3814970.46 | 472.20 474.20 444.10
459.20 434.40 458.50 442.60 449.50
423.20
3814895.46 | 481.00 458.50 456.60
435.20 429.70 434.30 427.50 425.90
414.20
3814820.46 | 474.20 455.80 441.90
438.40 426.80 419.40 412.00 403.50
399.40
3814745.46 | 471.60 468.30 476.20
469.10 450.30 443.40 432.20 433.10
405.60
3814670.46 | 445.90 466.20 455.80
441.40 445.40 449.10 423.70 415.40
418.60
3814595.46 | 449.70 460.30 439.60
426.30 420.00 439.90 417.50 394.70
398.60
3814520.46 | 454.20 461.40 429.60
411.80 404.10 403.00 409.00 385.50
374.60
3814445.46 | 453.50 456.80 438.00
425.80 414.80 396.90 388.40 380.60
395.10
3814370.46 | 451.80 421.50 411.00
411.80 428.80 415.70 399.50 403.80
380.80
3814295.46 | 440.40 417.20 402.50
393.70 398.20 403.40 401.00 401.80
381.70
3814220.46 | 423.80 427.40 402.60
387.80 382.00 382.20 386.50 413.60
406.70

3814145.46 | 420.20 409.90 414.50
394.40 375.10 366.90 385.40 378.20
398.50
3814070.46 | 409.50 410.40 410.00
379.70 371.70 361.30 365.30 368.30
368.70
3813995.46 | 387.70 397.20 410.40
379.80 367.80 367.50 358.40 350.50
360.10
3813920.46 | 392.00 408.60 409.10
388.50 389.10 362.60 360.10 346.20
338.50
3813845.46 | 394.80 397.20 380.50
401.00 396.90 384.10 389.10 364.60
357.60
3813770.46 | 381.20 377.50 382.60
375.80 379.70 381.50 395.60 392.70
364.90
3813695.46 | 361.80 367.20 370.80
362.70 367.80 387.30 382.60 372.80
349.10
3813620.46 | 355.30 359.10 366.30
358.30 362.70 368.00 375.70 362.30
336.90
3813545.46 | 348.60 349.90 349.60
353.10 364.90 357.80 383.40 358.90
332.50
3813470.46 | 346.10 345.30 344.40
347.10 347.10 366.60 367.70 360.10
345.20
3813395.46 | 344.70 342.90 341.60
341.60 341.30 350.00 369.90 380.70
344.30
3813320.46 | 343.00 340.70 339.20
339.10 339.90 341.90 361.40 353.50
345.30
3813245.46 | 342.20 339.60 338.10
338.00 338.00 336.90 337.90 363.60
337.20
3813170.46 | 346.10 341.50 338.20
336.70 336.90 335.70 334.10 347.00
340.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	418.40	427.80	424.70	407.00
3816020.46	399.80	416.10	400.50	392.70
3815945.46	390.40	402.30	392.80	375.90
3815870.46	388.50	394.20	374.20	371.90
3815795.46	384.40	376.00	385.30	366.70
3815720.46	376.80	376.10	366.90	365.90
3815645.46	369.60	369.90	364.20	356.80
3815570.46	363.80	365.10	363.60	365.00
3815495.46	364.50	358.80	356.60	356.80
3815420.46	366.70	358.30	355.50	350.20
3815345.46	368.50	366.60	359.50	351.40
3815270.46	382.90	386.40	367.50	355.60
3815195.46	401.50	392.00	387.50	377.40
3815120.46	418.80	419.20	414.10	

391.90
3815045.46 | 425.90 416.10 398.80
399.40
3814970.46 | 422.80 425.70 419.20
404.50
3814895.46 | 404.80 418.20 409.90
403.50
3814820.46 | 396.00 404.80 409.00
395.30
3814745.46 | 393.60 385.40 396.60
404.80
3814670.46 | 397.50 397.60 385.60
375.40
3814595.46 | 386.20 391.80 393.80
379.30
3814520.46 | 366.80 365.90 375.80
387.60
3814445.46 | 389.80 372.30 356.30
376.90
3814370.46 | 372.10 372.50 350.00
361.10
3814295.46 | 369.20 350.60 346.20
356.10
3814220.46 | 370.90 367.50 345.80
338.50
3814145.46 | 391.50 364.20 372.50
346.10
3814070.46 | 380.70 386.70 375.80
349.00
3813995.46 | 348.70 348.50 361.30
356.40
3813920.46 | 338.30 335.60 335.70
336.40
3813845.46 | 339.20 335.40 327.20
326.70
3813770.46 | 364.90 359.80 335.40
323.40
3813695.46 | 342.50 338.10 322.60
320.10
3813620.46 | 327.30 320.20 318.70
318.10
3813545.46 | 325.30 319.10 318.00
318.00
3813470.46 | 320.20 317.20 317.00
317.00
3813395.46 | 319.60 317.60 317.00
317.00
3813320.46 | 319.60 318.10 317.00
316.00
3813245.46 | 319.60 316.20 316.00
316.00
3813170.46 | 320.00 316.00 316.00

315.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	760.00	760.00	760.00	760.00	609.00	609.00	609.00	609.00	609.00
3816020.46	760.00	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00
3815945.46	760.00	760.00	760.00	609.00	700.00	609.00	700.00	609.00	609.00
3815870.46	760.00	760.00	760.00	700.00	700.00	609.00	700.00	609.00	609.00
3815795.46	760.00	760.00	760.00	760.00	700.00	700.00	700.00	609.00	609.00
3815720.46	760.00	760.00	760.00	609.00	609.00	700.00	609.00	609.00	609.00
3815645.46	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815570.46	700.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815495.46	496.00	700.00	609.00	463.00	609.00	609.00	609.00	585.00	

482.00
3815420.46 | 700.00 700.00 574.00
465.00 609.00 609.00 609.00 482.00
609.00
3815345.46 | 496.00 609.00 482.00
465.00 609.00 609.00 609.00 609.00
585.00
3815270.46 | 496.00 574.00 482.00
481.00 609.00 609.00 585.00 481.00
481.00
3815195.46 | 496.00 496.00 482.00
481.00 609.00 609.00 609.00 481.00
481.00
3815120.46 | 496.00 496.00 482.00
481.00 482.00 609.00 609.00 524.00
481.00
3815045.46 | 496.00 495.00 482.00
481.00 481.00 609.00 609.00 585.00
524.00
3814970.46 | 495.00 481.00 481.00
481.00 481.00 574.00 609.00 574.00
524.00
3814895.46 | 452.00 452.00 452.00
452.00 481.00 481.00 585.00 585.00
524.00
3814820.46 | 452.00 452.00 452.00
452.00 481.00 481.00 574.00 574.00
524.00
3814745.46 | 452.00 452.00 452.00
481.00 481.00 481.00 524.00 524.00
524.00
3814670.46 | 524.00 475.00 475.00
481.00 481.00 524.00 524.00 524.00
524.00
3814595.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814520.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814445.46 | 527.00 524.00 517.00
481.00 481.00 524.00 524.00 524.00
524.00
3814370.46 | 524.00 524.00 475.00
475.00 481.00 481.00 524.00 524.00
524.00
3814295.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 524.00
524.00
3814220.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
524.00

3814145.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3814070.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813995.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813920.46 | 475.00 475.00 475.00
473.00 475.00 475.00 475.00 475.00
475.00
3813845.46 | 475.00 475.00 475.00
475.00 475.00 473.00 475.00 475.00
475.00
3813770.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813695.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813620.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813545.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813470.46 | 475.00 473.00 475.00
475.00 475.00 473.00 464.00 475.00
473.00
3813395.46 | 475.00 475.00 475.00
475.00 475.00 464.00 464.00 464.00
464.00
3813320.46 | 504.00 504.00 504.00
504.00 504.00 504.00 464.00 464.00
464.00
3813245.46 | 504.00 504.00 504.00
504.00 464.00 464.00 464.00 464.00
464.00
3813170.46 | 504.00 504.00 504.00
464.00 464.00 504.00 464.00 464.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	585.00	524.00	585.00
3815495.46	479.80	609.00	609.00	609.00	609.00	609.00	585.00	524.00	

524.00
3815420.46 | 480.00 574.00 609.00
609.00 609.00 609.00 585.00 524.00
524.00
3815345.46 | 481.00 524.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815270.46 | 481.00 574.00 609.00
609.00 574.00 524.00 524.00 524.00
524.00
3815195.46 | 524.00 585.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815120.46 | 585.00 609.00 609.00
609.00 524.00 524.00 524.00 524.00
524.00
3815045.46 | 524.00 609.00 609.00
524.00 524.00 524.00 524.00 524.00
524.00
3814970.46 | 524.00 609.00 609.00
585.00 524.00 524.00 524.00 524.00
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3814895.46 | 524.00 585.00 524.00
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3814820.46 | 524.00 585.00 524.00
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3814745.46 | 524.00 524.00 524.00
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3814670.46 | 524.00 524.00 524.00
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3814595.46 | 524.00 524.00 524.00
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3814520.46 | 524.00 524.00 524.00
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3814445.46 | 524.00 524.00 524.00
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3814370.46 | 524.00 524.00 524.00
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3814295.46 | 524.00 524.00 524.00
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3814220.46 | 524.00 524.00 524.00
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3814145.46 | 524.00 524.00 524.00
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3814070.46 | 524.00 524.00 524.00
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3813995.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813920.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813845.46 | 475.00 475.00 475.00
475.00 473.00 441.00 524.00 524.00
524.00
3813770.46 | 475.00 475.00 441.00
441.00 441.00 447.00 520.00 520.00
520.00
3813695.46 | 475.00 473.00 439.00
441.00 441.00 464.00 447.00 520.00
520.00
3813620.46 | 475.00 464.00 441.00
441.00 441.00 441.00 464.00 443.00
441.00
3813545.46 | 473.00 473.00 464.00
441.00 464.00 464.00 443.00 432.00
432.00
3813470.46 | 464.00 464.00 464.00
443.00 443.00 464.00 441.00 432.00
432.00
3813395.46 | 464.00 464.00 464.00
464.00 464.00 432.00 504.00 441.00
432.00
3813320.46 | 464.00 464.00 464.00
464.00 504.00 504.00 504.00 504.00
504.00
3813245.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00
3813170.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD | X-
COORD (METERS)
(METERS) | 349520.28 349595.28 349670.28
349745.28 349820.28 349895.28 349970.28 350045.28
350120.28
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3816095.46 | 609.00 609.00 609.00
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3816020.46 | 609.00 609.00 609.00
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3815945.46 | 609.00 609.00 609.00
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3815870.46 | 609.00 609.00 609.00
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3815795.46 | 609.00 609.00 609.00
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3815720.46 | 609.00 609.00 609.00
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609.00
3815645.46 | 609.00 609.00 609.00
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609.00
3815570.46 | 609.00 609.00 609.00
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609.00
3815495.46 | 524.00 524.00 609.00
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609.00
3815420.46 | 524.00 524.00 524.00
524.00 585.00 557.00 524.00 557.00
557.00
3815345.46 | 524.00 524.00 524.00
524.00 524.00 524.00 519.00 524.00
524.00
3815270.46 | 524.00 524.00 524.00
524.00 513.00 513.00 516.00 516.00
516.00
3815195.46 | 524.00 524.00 524.00
524.00 524.00 519.00 524.00 520.00
516.00
3815120.46 | 524.00 524.00 524.00
524.00 524.00 520.00 524.00 520.00
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3815045.46 | 524.00 524.00 524.00
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3814970.46 | 524.00 524.00 524.00
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3814895.46 | 524.00 524.00 524.00
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3814820.46 | 524.00 524.00 524.00
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3814745.46 | 524.00 524.00 524.00
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3814670.46 | 524.00 524.00 524.00
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3814595.46 | 524.00 524.00 524.00
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3814520.46 | 524.00 524.00 524.00
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3814445.46 | 524.00 524.00 524.00
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3814370.46 | 524.00 524.00 524.00
524.00 520.00 524.00 524.00 520.00
520.00
3814295.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814220.46 | 524.00 524.00 524.00
520.00 524.00 524.00 520.00 524.00
520.00

3814145.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814070.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813995.46 | 524.00 524.00 524.00
524.00 524.00 520.00 520.00 524.00
520.00
3813920.46 | 524.00 524.00 524.00
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3813845.46 | 524.00 524.00 524.00
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3813770.46 | 524.00 524.00 524.00
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520.00
3813695.46 | 520.00 520.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813545.46 | 432.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813470.46 | 432.00 441.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813395.46 | 432.00 432.00 432.00
432.00 520.00 520.00 520.00 520.00
520.00
3813320.46 | 504.00 432.00 403.30
405.00 432.00 504.00 520.00 520.00
520.00
3813245.46 | 504.00 504.00 504.00
405.00 405.00 405.00 482.00 482.00
520.00
3813170.46 | 504.00 504.00 504.00
504.00 405.00 405.00 405.00 409.00
482.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	579.00	579.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815495.46	579.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	

609.00
3815420.46 | 524.00 609.00 609.00
609.00 609.00 609.00 609.00 609.00
609.00
3815345.46 | 520.00 524.00 534.00
579.00 579.00 579.00 609.00 579.00
609.00
3815270.46 | 520.00 524.00 524.00
524.00 520.00 520.00 552.00 520.00
552.00
3815195.46 | 516.00 520.00 520.00
520.00 487.00 520.00 520.00 520.00
520.00
3815120.46 | 520.00 520.00 520.00
520.00 520.00 485.00 487.00 520.00
520.00
3815045.46 | 520.00 520.00 520.00
520.00 520.00 485.00 485.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814895.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814820.46 | 520.00 520.00 520.00
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3814745.46 | 520.00 520.00 520.00
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520.00
3814670.46 | 520.00 520.00 520.00
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520.00
3814595.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814520.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
524.00
3814445.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814370.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814295.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814220.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00

3814145.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813845.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813770.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 406.00
520.00
3813695.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813545.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 386.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 406.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 386.00
520.00
3813170.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 409.00
409.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	609.00	579.00	579.00	579.00
3816020.46	609.00	579.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00
3815495.46	609.00	609.00	609.00	609.00
3815420.46	609.00	609.00	609.00	609.00
3815345.46	609.00	609.00	609.00	609.00
3815270.46	579.00	579.00	579.00	609.00
3815195.46	534.00	534.00	534.00	552.00
3815120.46	520.00	520.00	520.00	

520.00
3815045.46 | 520.00 520.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
520.00
3814895.46 | 520.00 520.00 520.00
520.00
3814820.46 | 520.00 520.00 520.00
520.00
3814745.46 | 520.00 520.00 520.00
520.00
3814670.46 | 520.00 520.00 520.00
520.00
3814595.46 | 520.00 520.00 520.00
520.00
3814520.46 | 524.00 520.00 520.00
520.00
3814445.46 | 520.00 520.00 520.00
520.00
3814370.46 | 520.00 520.00 520.00
520.00
3814295.46 | 520.00 520.00 520.00
520.00
3814220.46 | 520.00 520.00 520.00
520.00
3814145.46 | 520.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
520.00
3813845.46 | 520.00 520.00 520.00
520.00
3813770.46 | 520.00 520.00 520.00
520.00
3813695.46 | 520.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00
3813545.46 | 520.00 520.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00
3813170.46 | 520.00 520.00 520.00

520.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** DISCRETE
CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD,
ZELEV, ZHILL, ZFLAG)

(METERS)

(350508.9, 3814829.9, 424.8, 520.0, 0.0);
(350283.7, 3815266.5, 441.1, 524.0, 0.0);
(350539.8, 3814604.7, 430.8, 520.0, 0.0);
(350467.6, 3814245.4, 385.7, 520.0, 0.0);
(350008.7, 3813941.2, 374.5, 524.0, 0.0);
(350147.9, 3813936.0, 378.9, 520.0, 0.0);
(350557.0, 3814453.4, 397.3, 520.0, 0.0);
(349200.8, 3815251.0, 455.4, 524.0, 0.0);
(349173.3, 3815257.9, 461.5, 524.0, 0.0);
(348862.6, 3814174.1, 380.0, 524.0, 0.0);
(348862.6, 3815183.5, 439.9, 585.0, 0.0);
(350494.7, 3815179.7, 481.9, 487.0, 0.0);
(350487.0, 3814363.6, 425.7, 520.0, 0.0);
(350216.2, 3814363.6, 442.9, 520.0, 0.0);
(350216.2, 3814193.4, 425.3, 520.0, 0.0);
(349991.9, 3813969.1, 381.1, 520.0, 0.0);
(349794.7, 3813961.4, 363.8, 524.0, 0.0);
(349597.4, 3814065.8, 372.8, 524.0, 0.0);
(349121.7, 3814085.1, 372.9, 524.0, 0.0);

**MODELOPTs: RegDFAULT CONC
ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH
CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR
BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL1	349820.3	3814070.5	-28.63
VOL1	349895.3	3814070.5	-47.40
VOL1	349970.3	3814070.5	-19.91
VOL1	349745.3	3814145.5	-10.63
VOL1	349820.3	3814145.5	-81.46
VOL1	349895.3	3814145.5	-121.82
VOL1	349970.3	3814145.5	-67.45
VOL1	349745.3	3814220.5	-9.02
VOL1	349820.3	3814220.5	-78.38
VOL1	349895.3	3814220.5	-115.61
VOL1	349970.3	3814220.5	-64.84
VOL1	349820.3	3814295.5	-23.19
VOL1	349895.3	3814295.5	-41.08
VOL1	349970.3	3814295.5	-14.81

		VOL2	349295.3
3814145.5	-15.85		
		VOL2	349370.3
3814145.5	-40.21		
		VOL2	349445.3
3814145.5	-16.17		
		VOL2	349295.3
3814220.5	-63.61		
		VOL2	349370.3
3814220.5	-115.21		
		VOL2	349445.3
3814220.5	-64.13		
		VOL2	349295.3
3814295.5	-56.16		
		VOL2	349370.3
3814295.5	-98.43		
		VOL2	349445.3
3814295.5	-56.63		
		VOL2	349295.3
3814370.5	-1.91		
		VOL2	349370.3
3814370.5	-23.43		
		VOL2	349445.3
3814370.5	-2.20		
		VOL3	349595.3
3814520.5	-2.17		
		VOL3	349670.3
3814520.5	-38.30		
		VOL3	349745.3
3814520.5	-29.27		
		VOL3	349595.3
3814595.5	-43.76		
		VOL3	349670.3
3814595.5	-107.96		
		VOL3	349745.3
3814595.5	-87.35		
		VOL3	349820.3
3814595.5	-17.41		
		VOL3	349595.3
3814670.5	-39.55		
		VOL3	349670.3
3814670.5	-97.95		
		VOL3	349745.3
3814670.5	-80.35		
		VOL3	349820.3
3814670.5	-14.03		
		VOL3	349670.3
3814745.5	-26.68		
		VOL3	349745.3
3814745.5	-18.46		

**MODELOPTs: RegDFAULT CONC
ELEV

*** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

METEOROLOGICAL DATA PROCESSED BETWEEN
START DATE: 2005 1 1 1
AND
END DATE: 2005 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED
WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST
THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09,
5.14, 8.23, 10.80,

**MODELOPTs: RegDFAULT CONC
ELEV

*** UP TO THE FIRST 24 HOURS
OF METEOROLOGICAL DATA ***

Surface file: met\burk6.sfc
Met Version: 12345
Profile file: met\burk6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air
station no.: 3190
Name: UNKNOWN
Name: UNKNOWN
Year: 2005
Year: 2005

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
05	01	01	1	01	-3.2	0.063	-9.000	-9.000	-999.	37.	7.1	0.53	1.00	1.00	0.90	285.	9.1	279.9	5.5
05	01	01	1	02	-2.6	0.063	-9.000	-9.000	-999.	37.	8.7	0.53	1.00	1.00	0.90	277.	9.1	279.9	5.5
05	01	01	1	03	-2.6	0.063	-9.000	-9.000	-999.	37.	8.7	0.53	1.00	1.00	0.90	335.	9.1	279.2	5.5
05	01	01	1	04	-2.6	0.063	-9.000	-9.000	-999.	37.	8.6	0.53	1.00	1.00	0.90	291.	9.1	278.8	5.5
05	01	01	1	05	-3.0	0.063	-9.000	-9.000	-999.	37.	7.4	0.53	1.00	1.00	0.90	334.	9.1	278.1	5.5
05	01	01	1	06	-0.5	0.028	-9.000	-9.000	-999.	11.	3.8	0.53	1.00	1.00	0.40	309.	9.1	278.8	5.5
05	01	01	1	07	-2.6	0.063	-9.000	-9.000	-999.	37.	8.6	0.53	1.00	1.00	0.90	313.	9.1	278.8	5.5
05	01	01	1	08	-0.4	0.028	-9.000	-9.000	-999.	11.	4.5	0.53	1.00	0.56	0.40	256.	9.1	279.2	5.5
05	01	01	1	09	0.1	0.128	0.022	0.005	4.	105.	-1838.7	0.53	1.00	0.33	0.90	298.	9.1	282.5	5.5
05	01	01	1	10	0.1	0.128	0.025	0.005	5.	105.	-1838.7	0.53	1.00	0.25	0.90	103.	9.1	286.4	5.5
05	01	01	1	11	0.1	0.310	0.027	0.005	7.	397.	-8888.0								

```
0.53   1.00   0.22    2.20  136.    9.1  287.0    5.5
 05 01 01   1 12    0.1  0.310  0.028  0.005    8.  397.  -8888.0
0.53   1.00   0.21    2.20  152.    9.1  287.0    5.5
 05 01 01   1 13    0.1  0.254  0.029  0.005    9.  295.  -8888.0
0.53   1.00   0.21    1.80  187.    9.1  285.9    5.5
 05 01 01   1 14    0.1  0.184  0.030  0.005    9.  182.  -5471.6
0.53   1.00   0.22    1.30  157.    9.1  287.0    5.5
 05 01 01   1 15    0.1  0.184  0.031  0.005   10.  181.  -5471.6
0.53   1.00   0.26    1.30  192.    9.1  286.4    5.5
 05 01 01   1 16    0.1  0.254  0.031  0.005   11.  294.  -8888.0
0.53   1.00   0.34    1.80  188.    9.1  285.9    5.5
 05 01 01   1 17   -4.9  0.092 -9.000 -9.000 -999.   88.     13.8
0.53   1.00   0.61    1.30  200.    9.1  285.4    5.5
 05 01 01   1 18   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  162.    9.1  284.9    5.5
 05 01 01   1 19   -3.0  0.063 -9.000 -9.000 -999.   37.      7.5
0.53   1.00   1.00    0.90  176.    9.1  284.9    5.5
 05 01 01   1 20   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  210.    9.1  284.2    5.5
 05 01 01   1 21   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  236.    9.1  284.2    5.5
 05 01 01   1 22   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  272.    9.1  283.8    5.5
 05 01 01   1 23   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  251.    9.1  283.1    5.5
 05 01 01   1 24   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  301.    9.1  282.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW
sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   279.9   99.0  -99.00  -
99.00
 05 01 01 01    9.1 1  285.    0.90  -999.0   99.0  -99.00  -
99.00

 F indicates top of profile (=1) or below (=0)
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	0.03816	0.04391	0.04348	0.03918	0.03482	0.03562	0.03590	0.03347	0.03465
3816020.46	0.04603	0.04891	0.04655	0.03846	0.03783	0.03790	0.04235	0.03657	0.03849
3815945.46	0.05307	0.05336	0.04886	0.04045	0.04414	0.04069	0.04715	0.04061	0.04447
3815870.46	0.06233	0.06114	0.05694	0.05293	0.05045	0.04850	0.05277	0.04895	0.04912
3815795.46	0.06750	0.06847	0.06690	0.06390	0.05567	0.06246	0.06162	0.05680	0.05553
3815720.46	0.07902	0.07607	0.07080	0.05808	0.05678	0.07615	0.06963	0.06510	0.06296
3815645.46	0.08673	0.08777	0.07997	0.06349	0.06461	0.08611	0.08028	0.07861	0.06851

3815570.46 | 0.08526 0.10230 0.09258
0.06775 0.07278 0.11322 0.09274 0.07149
0.06318
3815495.46 | 0.09005 0.11621 0.10042
0.06893 0.10252 0.11596 0.08657 0.06786
0.06101
3815420.46 | 0.12413 0.13391 0.10368
0.07506 0.13394 0.12684 0.08412 0.07133
0.08085
3815345.46 | 0.14221 0.15543 0.11247
0.09152 0.16972 0.13693 0.10705 0.11063
0.09159
3815270.46 | 0.16610 0.17174 0.12188
0.12395 0.21094 0.16855 0.12204 0.09136
0.07940
3815195.46 | 0.18482 0.19149 0.15582
0.13610 0.24289 0.23756 0.17745 0.11176
0.09071
3815120.46 | 0.19848 0.19983 0.17533
0.14091 0.19955 0.32245 0.24466 0.17408
0.12098
3815045.46 | 0.20999 0.21391 0.20731
0.17652 0.19867 0.38337 0.34562 0.28143
0.17979
3814970.46 | 0.20591 0.19270 0.16758
0.15663 0.15950 0.34806 0.44490 0.31199
0.21830
3814895.46 | 0.11381 0.11391 0.10316
0.12704 0.16588 0.26533 0.53447 0.52356
0.38057
3814820.46 | 0.11003 0.13470 0.10849
0.15518 0.19268 0.22495 0.53702 0.58390
0.38995
3814745.46 | 0.15464 0.20152 0.15579
0.21907 0.24104 0.24044 0.47782 0.59271
0.62665
3814670.46 | 0.23717 0.25793 0.22882
0.22416 0.33765 0.39926 0.56242 0.68383
0.68904
3814595.46 | 0.22977 0.29254 0.35753
0.36796 0.34448 0.52098 0.59759 0.66831
0.59995
3814520.46 | 0.21077 0.26094 0.32981
0.38231 0.45752 0.54722 0.61748 0.70070
0.40447
3814445.46 | 0.19575 0.23743 0.28617
0.33010 0.41282 0.48778 0.56709 0.65113
0.59594
3814370.46 | 0.11226 0.17730 0.21710
0.26561 0.36339 0.41073 0.47994 0.56894
0.66187
3814295.46 | 0.03102 0.06402 0.11937

0.19486 0.22285 0.27520 0.39716 0.46979
0.54772
3814220.46 | 0.01593 0.04128 0.08154
0.07283 0.09998 0.13107 0.30706 0.37977
0.45214
3814145.46 | 0.02072 0.03127 0.02192
0.01513 0.02212 0.08151 0.17287 0.31365
0.36277
3814070.46 | 0.01683 0.00833 0.00520
0.00598 0.01363 0.06234 0.12494 0.12095
0.29065
3813995.46 | 0.00559 0.00405 0.00387
0.00491 0.00793 0.02556 0.03283 0.04922
0.14402
3813920.46 | 0.00998 0.00687 0.00534
0.00373 0.00531 0.01187 0.00985 0.01617
0.05353
3813845.46 | 0.02559 0.01593 0.00547
0.00370 0.00422 0.00446 0.00547 0.00724
0.01602
3813770.46 | 0.03183 0.02758 0.01309
0.00482 0.00565 0.00517 0.00587 0.00700
0.01865
3813695.46 | 0.04816 0.02989 0.00954
0.00635 0.00883 0.01018 0.01764 0.02379
0.09859
3813620.46 | 0.05388 0.04394 0.01545
0.00677 0.01310 0.02813 0.04669 0.07667
0.07118
3813545.46 | 0.04872 0.01560 0.00526
0.00492 0.01478 0.02738 0.02055 0.05382
0.03847
3813470.46 | 0.02053 0.00545 0.01132
0.01120 0.00912 0.00615 0.00669 0.02954
0.01908
3813395.46 | 0.03440 0.02227 0.04125
0.03288 0.02503 0.00679 0.00562 0.01342
0.00727
3813320.46 | 0.08929 0.09161 0.05566
0.05072 0.02436 0.01758 0.00535 0.00480
0.00545
3813245.46 | 0.05460 0.05066 0.03251
0.01783 0.00510 0.00452 0.00376 0.00317
0.00353
3813170.46 | 0.02685 0.01925 0.00844
0.00452 0.00415 0.00561 0.00328 0.00307
0.00425

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	0.03419	0.03037	0.03238	0.02875	0.02859	0.02665	0.02742	0.03246	0.03045
3816020.46	0.03647	0.03339	0.03602	0.03201	0.03274	0.02974	0.03360	0.03547	0.03251
3815945.46	0.04297	0.03994	0.04251	0.03589	0.03892	0.03223	0.03601	0.03935	0.03748
3815870.46	0.04814	0.04723	0.04617	0.04472	0.04406	0.04049	0.03953	0.04324	0.04665
3815795.46	0.05389	0.05156	0.05286	0.05189	0.04994	0.04650	0.04419	0.04387	0.04932
3815720.46	0.05866	0.05786	0.06169	0.05903	0.05618	0.05303	0.04977	0.04915	0.05410
3815645.46	0.06361	0.06074	0.06574	0.06717	0.06365	0.05987	0.05426	0.05140	0.05277

3815570.46 | 0.06352 0.06403 0.07002
0.07733 0.07134 0.06290 0.05264 0.04942
0.05220
3815495.46 | 0.06197 0.06834 0.07176
0.08741 0.07610 0.06701 0.06163 0.05849
0.04889
3815420.46 | 0.06904 0.07373 0.08721
0.10400 0.09024 0.08181 0.07286 0.06658
0.05817
3815345.46 | 0.07718 0.08326 0.10643
0.11249 0.08712 0.07781 0.07612 0.06107
0.05857
3815270.46 | 0.09275 0.09878 0.12146
0.14344 0.09889 0.09509 0.08689 0.06970
0.07542
3815195.46 | 0.11935 0.12958 0.20104
0.14291 0.12285 0.10763 0.09794 0.08578
0.09545
3815120.46 | 0.16783 0.19855 0.23348
0.17969 0.14067 0.11792 0.10933 0.11401
0.12011
3815045.46 | 0.21189 0.28815 0.26177
0.15181 0.15498 0.14633 0.13990 0.14723
0.15561
3814970.46 | 0.21535 0.44098 0.40929
0.30329 0.20436 0.15330 0.18013 0.20585
0.19711
3814895.46 | 0.31280 0.52746 0.39233
0.26737 0.20831 0.20033 0.24545 0.31545
0.21032
3814820.46 | 0.55675 0.74785 0.54618
0.38169 0.43988 0.37265 0.35751 0.42493
0.30585
3814745.46 | 0.71835 0.76395 0.40812
0.58215 0.54192 0.53914 0.63983 0.52650
0.27895
3814670.46 | 0.80797 0.73914 0.56939
0.76944 1.03929 0.95214 1.10399 0.71312
0.42914
3814595.46 | 0.68053 0.37242 0.57316
1.22649 1.53331 1.38411 1.65252 1.24184
0.82433
3814520.46 | 0.29606 0.40295 0.60966
1.20395 1.85306 1.58778 2.01160 1.99362
0.93421
3814445.46 | 0.58950 0.75129 0.75881
0.90163 1.78646 2.02198 1.85313 1.15117
1.03408
3814370.46 | 0.76230 0.93806 1.14602
1.34317 1.63461 1.58318 0.83014 1.19384
1.43887
3814295.46 | 0.64577 0.77211 0.92310

1.11789 1.35397 1.70448 1.32218 1.71198
1.26078
3814220.46 | 0.52713 0.61477 0.72646
0.90302 1.09161 1.35062 1.73200 2.07151
1.66613
3814145.46 | 0.42212 0.48746 0.59070
0.68426 0.80440 0.96729 1.18862 1.53536
2.12959
3814070.46 | 0.34711 0.39031 0.44192
0.52660 0.60097 0.69411 0.82081 0.99831
1.27109
3813995.46 | 0.27805 0.30301 0.35820
0.42106 0.46948 0.53023 0.61070 0.71691
0.85665
3813920.46 | 0.23691 0.28476 0.31579
0.36072 0.39851 0.44866 0.50693 0.57263
0.67165
3813845.46 | 0.22187 0.25580 0.28432
0.29556 0.17359 0.39161 0.45546 0.50572
0.56769
3813770.46 | 0.21357 0.02463 0.02151
0.04224 0.04409 0.36672 0.40811 0.45612
0.49815
3813695.46 | 0.06347 0.02015 0.00497
0.00847 0.03710 0.33407 0.37383 0.40940
0.43186
3813620.46 | 0.07273 0.01635 0.00686
0.00639 0.01030 0.02068 0.33023 0.35659
0.39719
3813545.46 | 0.02649 0.03704 0.01541
0.00930 0.03039 0.11580 0.08682 0.01604
0.05779
3813470.46 | 0.00895 0.01438 0.01716
0.00887 0.01157 0.03977 0.02554 0.00589
0.01924
3813395.46 | 0.00565 0.00514 0.01037
0.00924 0.02514 0.01369 0.10154 0.07043
0.01373
3813320.46 | 0.00389 0.00504 0.00624
0.00759 0.05755 0.10619 0.21291 0.23194
0.09302
3813245.46 | 0.00565 0.00898 0.02469
0.01683 0.02336 0.02412 0.11211 0.20977
0.21926
3813170.46 | 0.00573 0.01024 0.02426
0.06634 0.04820 0.16498 0.18303 0.19338
0.19759

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	0.03261	0.03372	0.04103	0.04488	0.04541	0.04591	0.04669	0.05777	0.04764
3816020.46	0.04031	0.04210	0.04371	0.05147	0.05578	0.06067	0.05191	0.05925	0.06758
3815945.46	0.04493	0.05351	0.05272	0.05899	0.06623	0.07300	0.07513	0.06705	0.08509
3815870.46	0.04770	0.05877	0.06687	0.07431	0.08045	0.08647	0.09568	0.09262	0.09858
3815795.46	0.05753	0.06430	0.07257	0.08269	0.09300	0.10658	0.11921	0.13986	0.15078
3815720.46	0.05778	0.05606	0.06182	0.08927	0.10237	0.12218	0.11549	0.12426	0.18399
3815645.46	0.05761	0.05659	0.07679	0.09689	0.09727	0.10101	0.12416	0.14797	0.18504

3815570.46 | 0.05878 0.06074 0.07817
0.08313 0.08854 0.10544 0.10605 0.13602
0.14035
3815495.46 | 0.05912 0.06225 0.07405
0.07121 0.08708 0.10127 0.08877 0.09311
0.10349
3815420.46 | 0.05792 0.05940 0.06448
0.08108 0.09069 0.09258 0.08724 0.09213
0.08540
3815345.46 | 0.05370 0.05773 0.06120
0.07732 0.08731 0.08570 0.08199 0.08951
0.07771
3815270.46 | 0.06601 0.07073 0.06980
0.07645 0.07545 0.08448 0.08483 0.08071
0.06982
3815195.46 | 0.09063 0.08103 0.08318
0.10007 0.09766 0.09646 0.10911 0.09472
0.07079
3815120.46 | 0.11142 0.10052 0.08725
0.11828 0.12261 0.11262 0.12711 0.10470
0.08050
3815045.46 | 0.13621 0.11769 0.11827
0.12746 0.15512 0.14342 0.14923 0.11910
0.09277
3814970.46 | 0.14384 0.13566 0.16011
0.14782 0.18247 0.18347 0.17003 0.13917
0.09675
3814895.46 | 0.18878 0.18495 0.20996
0.17968 0.22134 0.23418 0.17784 0.12645
0.10300
3814820.46 | 0.22649 0.23941 0.28328
0.24905 0.28728 0.26501 0.19268 0.15582
0.13421
3814745.46 | 0.25265 0.27724 0.35714
0.33946 0.39992 0.32934 0.26570 0.21956
0.18273
3814670.46 | 0.44270 0.53126 0.47461
0.52662 0.58507 0.48840 0.40207 0.31011
0.23352
3814595.46 | 0.72350 1.08311 1.10198
0.90049 0.88529 0.67344 0.53310 0.40124
0.27386
3814520.46 | 0.87705 1.97365 1.84514
1.94237 1.16119 0.68423 0.58075 0.42541
0.30470
3814445.46 | 1.17656 3.58023 4.80933
3.57079 2.02921 1.37494 0.94114 0.71983
0.37756
3814370.46 | 2.33622 6.31563 7.10796
3.88906 2.61250 2.69639 2.33133 1.18258
0.64034
3814295.46 | 3.43016 6.86081 4.73523

3.87431 3.87168 5.42089 3.25811 2.21197
0.76575
3814220.46 | 3.18575 6.26925 2.32233
2.68757 3.74803 6.89955 3.20818 2.96045
0.87557
3814145.46 | 2.94580 4.59410 4.77228
2.70460 5.76559 4.36797 2.88515 4.52706
3.87143
3814070.46 | 1.76198 2.67841 5.05967
5.73875 16.54767 6.96582 2.32535 2.57126
5.79762
3813995.46 | 1.06296 1.35607 1.79603
2.63883 6.90704 3.85895 2.35349 11.97249
3.16402
3813920.46 | 0.79849 0.96737 1.18706
1.48532 2.32072 4.40492 5.27742 8.55684
6.97381
3813845.46 | 0.64818 0.74870 0.87566
1.02406 1.30455 1.97173 2.98201 4.60888
5.62369
3813770.46 | 0.53700 0.60004 0.67439
0.75653 0.88711 1.16544 1.66444 2.42473
3.03583
3813695.46 | 0.45292 0.49559 0.53909
0.58652 0.65772 0.79874 1.06062 1.36384
2.27812
3813620.46 | 0.42480 0.44770 0.44310
0.47160 0.51220 0.59039 0.74349 0.99293
1.29380
3813545.46 | 0.16645 0.39631 0.38189
0.39688 0.41536 0.46198 0.55461 0.70212
0.90537
3813470.46 | 0.32028 0.35425 0.34129
0.35638 0.35323 0.37620 0.43530 0.53170
0.67011
3813395.46 | 0.05794 0.31066 0.32307
0.32434 0.30919 0.31690 0.35715 0.42364
0.51638
3813320.46 | 0.25072 0.15258 0.03765
0.13573 0.29071 0.29042 0.31869 0.35027
0.41054
3813245.46 | 0.23103 0.24318 0.24768
0.04905 0.08584 0.26972 0.28457 0.31132
0.35296
3813170.46 | 0.20714 0.19856 0.20556
0.22466 0.12262 0.07450 0.25693 0.28683
0.30404

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	0.05218	0.03789	0.03414	0.04943	0.03236	0.03560	0.02444	0.02925	0.12593
3816020.46	0.06554	0.06366	0.05549	0.05243	0.06295	0.06043	0.04118	0.05438	0.07618
3815945.46	0.08054	0.08700	0.11270	0.14129	0.10478	0.12358	0.09596	0.17993	0.12865
3815870.46	0.10851	0.12138	0.18444	0.22618	0.16605	0.18668	0.13525	0.28719	0.19639
3815795.46	0.15141	0.16496	0.18700	0.25583	0.29689	0.26616	0.29943	0.33025	0.34093
3815720.46	0.21184	0.21913	0.24398	0.32452	0.35801	0.35894	0.30353	0.37697	0.37567
3815645.46	0.21348	0.28239	0.30343	0.37048	0.40364	0.42243	0.41881	0.41757	0.40805

3815570.46 | 0.12211 0.23416 0.27846
0.26836 0.40873 0.45679 0.44086 0.45132
0.43292
3815495.46 | 0.07367 0.10389 0.15117
0.08035 0.18841 0.32933 0.43240 0.48040
0.47857
3815420.46 | 0.06703 0.08717 0.09828
0.15192 0.23322 0.31132 0.45145 0.50533
0.52194
3815345.46 | 0.06520 0.06333 0.08198
0.11444 0.12325 0.16019 0.34243 0.40983
0.55990
3815270.46 | 0.07297 0.07159 0.07964
0.07031 0.05726 0.07348 0.14481 0.06527
0.22477
3815195.46 | 0.06667 0.06830 0.06663
0.06116 0.04988 0.05301 0.05154 0.06587
0.16343
3815120.46 | 0.07734 0.06631 0.06184
0.06401 0.06127 0.04966 0.05047 0.05013
0.06638
3815045.46 | 0.08227 0.08476 0.07762
0.06936 0.07028 0.05200 0.05068 0.05161
0.04887
3814970.46 | 0.09787 0.08622 0.09324
0.07798 0.08141 0.06180 0.05894 0.05035
0.06985
3814895.46 | 0.10091 0.10429 0.09483
0.09661 0.09045 0.07435 0.07439 0.07103
0.11284
3814820.46 | 0.11937 0.11749 0.11265
0.09953 0.09902 0.10889 0.14762 0.28114
0.37606
3814745.46 | 0.13592 0.11949 0.09841
0.08693 0.08298 0.07550 0.07592 0.06979
0.25748
3814670.46 | 0.18376 0.13216 0.11809
0.10944 0.09138 0.07934 0.10060 0.13712
0.11386
3814595.46 | 0.20068 0.14984 0.14367
0.14016 0.14592 0.09365 0.14073 0.71093
0.53784
3814520.46 | 0.22156 0.16542 0.17565
0.25364 0.43579 0.46788 0.26038 1.42730
1.88607
3814445.46 | 0.26199 0.19555 0.18251
0.17800 0.22617 0.90224 1.37438 2.07617
0.82945
3814370.46 | 0.32548 0.32545 0.39234
0.33027 0.16452 0.22060 0.78396 0.50108
2.07386
3814295.46 | 0.41019 0.41511 0.89811

1.84787 1.17964 0.64272 0.76598 0.66340
2.21036
3814220.46 | 0.51132 0.34881 1.02269
2.85866 4.10557 3.48743 2.23869 0.24138
0.42488
3814145.46 | 0.50685 0.64074 0.39695
2.33818 5.80070 4.61117 2.66307 3.32409
0.98678
3814070.46 | 0.70659 0.56171 0.50933
6.37604 6.01005 4.46906 3.98653 3.54505
3.09601
3813995.46 | 4.52285 2.30276 0.43543
6.08078 5.61685 4.73836 3.67710 2.99010
2.87036
3813920.46 | 3.01654 0.44283 0.41969
2.67551 2.33277 4.19010 3.56823 2.80577
2.41567
3813845.46 | 1.75485 1.48831 4.79705
0.98653 1.44329 3.00120 1.85730 3.08414
2.58703
3813770.46 | 3.24817 4.16507 3.32900
4.20403 3.59348 3.10598 1.27539 1.44186
2.57419
3813695.46 | 2.50020 3.03936 3.33977
3.07922 3.17474 1.86741 2.43523 2.67593
2.04853
3813620.46 | 1.64376 2.00957 2.41185
2.32107 2.45960 2.55023 2.49951 2.20764
1.74405
3813545.46 | 1.13897 1.37774 1.56691
1.74470 2.04081 1.92464 1.77200 1.87560
1.54299
3813470.46 | 0.83921 1.01508 1.17498
1.32338 1.41520 1.73457 1.76980 1.64304
1.43466
3813395.46 | 0.63957 0.77303 0.90586
1.02543 1.11684 1.24035 1.50910 1.42036
1.25003
3813320.46 | 0.50028 0.60154 0.70962
0.81425 0.90551 0.98174 1.18573 1.14228
1.09323
3813245.46 | 0.40252 0.47937 0.56621
0.65581 0.73736 0.80146 0.85483 1.06005
0.90968
3813170.46 | 0.33775 0.39357 0.46019
0.53315 0.60606 0.66716 0.71472 0.80103
0.80170

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	0.05844	0.04099	0.04354	0.09430
3816020.46	0.15361	0.06493	0.14047	0.19440
3815945.46	0.24745	0.13570	0.20587	0.29814
3815870.46	0.27427	0.20621	0.32152	0.31697
3815795.46	0.31974	0.34752	0.30130	0.33082
3815720.46	0.37086	0.37165	0.35882	0.35145
3815645.46	0.40235	0.39646	0.37779	0.35396
3815570.46	0.41801	0.41485	0.40362	0.40001
3815495.46	0.45327	0.42717	0.41292	0.40459
3815420.46	0.49834	0.45891	0.44016	0.41544
3815345.46	0.54722	0.52680	0.48556	0.44659

3815270.46	0.55725	0.48647	0.55368	0.49001
3815195.46	0.23440	0.39407	0.47148	0.57404
3815120.46	0.07628	0.07124	0.09249	0.39138
3815045.46	0.05822	0.08674	0.28765	0.27498
3814970.46	0.06748	0.05871	0.07686	0.21332
3814895.46	0.22699	0.08770	0.15206	0.24870
3814820.46	0.45748	0.24797	0.17529	0.44496
3814745.46	0.57641	0.88143	0.45746	0.25713
3814670.46	0.50314	0.48393	0.92068	1.13086
3814595.46	1.08843	0.75650	0.64439	1.18721
3814520.46	1.66709	1.52025	1.45578	0.93185
3814445.46	1.02122	1.73980	1.39541	1.41638
3814370.46	2.09931	1.88737	1.43741	1.43061
3814295.46	2.25526	1.71616	1.50911	1.47200
3814220.46	2.47034	2.14301	1.61552	1.41348
3814145.46	1.40433	2.22053	2.09497	1.55952
3814070.46	2.54349	1.72086	2.18187	1.66186
3813995.46	2.31297	2.06903	2.06996	1.79797
3813920.46	2.15610	1.92269	1.73872	1.58479
3813845.46	2.06620	1.85118	1.65665	1.51108
3813770.46	2.34556	2.04972	1.60699	1.44309
3813695.46	1.82051	1.65116	1.47692	1.36268
3813620.46	1.59925	1.47928	1.37429	1.27858
3813545.46	1.44846	1.35808	1.27418	1.19490
3813470.46	1.29600	1.23647	1.17410	1.11079
3813395.46	1.15120	1.11658	1.07453	1.02780

3813320.46	1.01311	0.99829	0.97444	0.94328
3813245.46	0.88602	0.88337	0.87465	0.85863
3813170.46	0.77359	0.77860	0.77976	0.77470

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC
X-COORD (M) Y-COORD (M) CONC
- -
- -
350508.88 3814829.88 0.10056
350283.70 3815266.49 0.07196
350539.82 3814604.70 0.10558
350467.63 3814245.45 3.05040
350008.68 3813941.20 9.38239
350147.91 3813936.04 8.60574
350557.01 3814453.44 0.87395
349200.78 3815251.02 0.10018
349173.28 3815257.89 0.09555
348862.58 3814174.11 0.47627
348862.58 3815183.55 0.13768
350494.71 3815179.68 0.05084
350486.97 3814363.62 0.17774
350216.24 3814363.62 0.31644
350216.24 3814193.45 0.44581
349991.92 3813969.12 6.91460
349794.67 3813961.39 2.92651
349597.42 3814065.81 2.59388
349121.71 3814085.15 0.60660

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348170.28 348245.28
348320.28 348395.28 348470.28
- -
- -
-

3816095.5 | 0.25611 (05031524) 0.31162 (05031524)
0.32903 (05031524) 0.30054 (05031524) 0.23304
(05110924)
3816020.5 | 0.30208m(05051624) 0.30863m(05051624)
0.32365 (05031524) 0.23414 (05110924) 0.24768
(05110924)
3815945.5 | 0.33032m(05051624) 0.34767m(05051624)
0.29898m(05051624) 0.22119 (05110924) 0.33519
(05031524)
3815870.5 | 0.35158 (05010424) 0.37628m(05051624)
0.36364m(05051624) 0.31527m(05051624) 0.34535
(05031524)
3815795.5 | 0.38158m(05010924) 0.37606 (05010424)
0.40482m(05051624) 0.39946m(05051624)
0.32050m(05051624)
3815720.5 | 0.42357m(05010924) 0.41687m(05010924)
0.39168 (05010424) 0.33846m(05051624)
0.33970m(05051624)
3815645.5 | 0.41420m(05010924) 0.45467m(05010924)
0.43426m(05010924) 0.37643 (05010424)
0.37103m(05051624)
3815570.5 | 0.36674 (05052224) 0.45518m(05010924)

0.47164m(05010924) 0.38973 (05010424) 0.41445
(05010424)
3815495.5 | 0.43962 (05022024) 0.46403 (05070724)
0.45154m(05010924) 0.38998m(05010924)
0.52084m(05010924)
3815420.5 | 0.62781 (05022024) 0.58669 (05022024)
0.45351 (05022024) 0.38355m(05010924)
0.59739m(05010924)
3815345.5 | 0.76747 (05022024) 0.76178 (05022024)
0.57731 (05022024) 0.46083 (05022024) 0.67825
(05070724)
3815270.5 | 0.88417 (05022024) 0.89906 (05022024)
0.68630 (05022024) 0.65189 (05022024) 0.96650
(05070724)
3815195.5 | 0.91152 (05063024) 0.97262 (05022024)
0.84870 (05022024) 0.76060 (05022024) 1.10415
(05070724)
3815120.5 | 0.99525 (05063024) 0.99479 (05063024)
0.87306 (05022024) 0.76337 (05022024) 1.02097
(05022024)
3815045.5 | 1.01806 (05070624) 1.01014 (05063024)
1.01108 (05063024) 0.81993 (05063024) 0.98572
(05022024)
3814970.5 | 1.23274 (05070624) 1.07457 (05070624)
0.84330 (05070624) 0.72051 (05063024) 0.72086
(05063024)
3814895.5 | 0.75564 (05070624) 0.74627 (05070624)
0.64403 (05070624) 0.72655 (05070624) 0.82857
(05070624)
3814820.5 | 0.63653 (05070624) 0.81771 (05070624)
0.69570 (05070624) 0.96436 (05070624) 1.12849
(05070624)
3814745.5 | 0.89473 (05122224) 1.15782 (05122224)
0.80169 (05070624) 1.16260 (05070624) 1.33915
(05070624)
3814670.5 | 1.67829 (05062224) 1.67256 (05062224)
1.36010 (05122224) 1.26642 (05122224)
1.96286m(05031024)
3814595.5 | 1.97417 (05062224) 2.38482 (05062224)
2.74601 (05062224) 2.67105 (05062224) 2.27842
(05062224)
3814520.5 | 1.77225 (05062224) 2.15409 (05062224)
2.60292 (05062224) 2.89340 (05062224) 2.85704
(05062224)
3814445.5 | 1.83154 (05110624) 2.04151 (05110624)
2.25027 (05110624) 2.38839 (05110624) 2.50021
(05091924)
3814370.5 | 1.06956 (05091924) 1.61165 (05110624)
1.87844 (05110624) 2.15914 (05110624) 2.42508
(05110624)
3814295.5 | 0.51683 (05060424) 0.79946 (05060424)
1.13378 (05122324) 1.59922 (05122324) 1.72134

(05091924)
3814220.5 | 0.31971 (05060424) 0.67646 (05122324)
1.11138 (05122324) 0.98505 (05122324) 1.21181
(05122324)
3814145.5 | 0.39009 (05122324) 0.53136 (05122324)
0.38696 (05122324) 0.27563 (05122324) 0.36370
(05122324)
3814070.5 | 0.33899 (05021924) 0.14629 (05120424)
0.15120 (05120424) 0.16162 (05120424) 0.26593
(05021924)
3813995.5 | 0.13872 (05021024) 0.14749 (05021024)
0.15708 (05021024) 0.17229 (05021024) 0.18723
(05021024)
3813920.5 | 0.30900 (05021924) 0.19539 (05021024)
0.19944 (05021024) 0.19802 (05021024) 0.23307
(05120424)
3813845.5 | 0.56681m(05061924) 0.30295m(05111324)
0.25209 (05120424) 0.25834 (05120424) 0.29892
(05120424)
3813770.5 | 0.72692m(05111324) 0.60001m(05111324)
0.37175 (05120424) 0.34298 (05120424) 0.36969
(05120424)
3813695.5 | 0.88751 (05010624) 0.62392 (05010624)
0.38178 (05120424) 0.35982 (05120424) 0.37099
(05120424)
3813620.5 | 0.80263 (05010624) 0.63876 (05010624)
0.35347m(05121724) 0.28638 (05120424)
0.39865m(05121724)
3813545.5 | 0.81484m(05121724) 0.47186m(05121724)
0.19705 (05120424) 0.16191 (05120424)
0.46046m(05121724)
3813470.5 | 0.64239m(05121724) 0.19952m(05121724)
0.38455m(05121724) 0.32950m(05121724) 0.23362
(05112224)
3813395.5 | 0.85882 (05112224) 0.66048 (05112224)
1.19051 (05112224) 1.05789 (05112224) 0.85160
(05112224)
3813320.5 | 1.50923 (05112224) 1.43796 (05112224)
1.56996 (05112224) 1.47582 (05112224) 0.78725
(05112224)
3813245.5 | 1.51114 (05112224) 1.47914 (05112224)
1.05905 (05112224) 0.56387 (05112224) 0.19343
(05020124)
3813170.5 | 0.94434 (05112224) 0.65654 (05112224)
0.25657 (05123024) 0.18250 (05020124) 0.19026
(05020124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348545.28 348620.28
348695.28 348770.28 348845.28
- -
- -
-

3816095.5 | 0.22758 (05110924) 0.20605 (05052724)
0.20102 (05122624) 0.28748 (05122624) 0.35953
(05122624)
3816020.5 | 0.24962 (05110924) 0.25289 (05110924)
0.19857 (05052724) 0.30302 (05122624) 0.33621
(05122624)
3815945.5 | 0.26553 (05110924) 0.29044 (05110924)
0.23782 (05110924) 0.26378 (05122624) 0.36587
(05122624)
3815870.5 | 0.33767 (05031524) 0.31838 (05110924)
0.29552 (05110924) 0.27320 (05052724) 0.32997
(05122624)
3815795.5 | 0.35812 (05031524) 0.34130 (05031524)
0.33825 (05110924) 0.31812 (05110924) 0.29415
(05052724)
3815720.5 | 0.41924m(05051624) 0.36773 (05031524)
0.36242 (05110924) 0.36269 (05110924) 0.32276
(05110924)
3815645.5 | 0.50473m(05051624) 0.42608m(05051624)
0.37608 (05031524) 0.38622 (05110924) 0.36740
(05110924)
3815570.5 | 0.61506m(05051624) 0.52727m(05051624)

0.36738 (05031524) 0.37465 (05031524) 0.37403
(05110924)
3815495.5 | 0.54339m(05051624) 0.47802m(05051624)
0.36521m(05051624) 0.31823 (05110924) 0.35796
(05110924)
3815420.5 | 0.60578m(05010924) 0.46507 (05010424)
0.39341 (05010424) 0.42571m(05051624) 0.38924
(05031524)
3815345.5 | 0.60668m(05010924) 0.54188m(05010924)
0.54974 (05010424) 0.47380 (05010424)
0.37890m(05051624)
3815270.5 | 0.65328 (05070724) 0.56640m(05010924)
0.48470m(05010924) 0.45026 (05010424) 0.48094
(05010424)
3815195.5 | 1.08186 (05070724) 0.69687 (05022024)
0.53655m(05010924) 0.47491m(05010924) 0.59592
(05010424)
3815120.5 | 1.44719 (05070724) 1.07915 (05070724)
0.75397 (05022024) 0.56118m(05010924)
0.74110m(05010924)
3815045.5 | 1.64475 (05100224) 1.48934 (05070724)
1.22435 (05070724) 0.83189 (05022024) 0.82622
(05022024)
3814970.5 | 1.58242 (05063024) 1.91292 (05100224)
1.41304 (05022024) 1.07000 (05022024) 0.99617
(05022024)
3814895.5 | 1.20055 (05063024) 2.32877 (05063024)
2.24905 (05100224) 1.63600 (05022024) 1.41808
(05022024)
3814820.5 | 1.19912 (05070624) 2.32625 (05121324)
2.41149 (05100224) 1.67527 (05063024) 2.33472
(05100224)
3814745.5 | 1.36556 (05070624) 2.43773 (05031124)
2.68292 (05031124) 2.48750 (05121324) 2.89327
(05100224)
3814670.5 | 2.30832m(05031024) 3.18641m(05031024)
3.60657m(05031024) 3.33749 (05031124) 3.45813
(05031124)
3814595.5 | 3.31542 (05062224) 3.55447m(05031024)
3.86290m(05031024) 3.31115m(05031024)
3.48961m(05031024)
3814520.5 | 3.46354 (05062224) 3.74732 (05062224)
4.03737 (05062224) 2.22833m(05031024)
1.38765m(05031024)
3814445.5 | 3.01367 (05062224) 3.51900 (05062224)
3.97305 (05062224) 3.76078 (05062224) 3.62352
(05062224)
3814370.5 | 2.65512 (05091924) 3.04904 (05091924)
3.54983 (05091924) 3.99128 (05091924) 4.38586
(05091924)
3814295.5 | 2.03003 (05091924) 2.47329 (05091924)
2.93464 (05091924) 3.37882 (05091924) 3.91425

(05091924)
3814220.5 | 1.42879 (05122324) 2.08691 (05122324)
2.54252 (05122324) 3.10780 (05123024) 3.60230
(05123024)
3814145.5 | 1.01476 (05122324) 1.70296 (05012124)
2.43217 (05123024) 2.95134 (05123024) 3.57029
(05123024)
3814070.5 | 1.01005 (05021924) 1.47021 (05021924)
1.45983 (05021924) 2.31225 (05123024) 3.14830
(05123024)
3813995.5 | 0.62956 (05021924) 0.73435 (05021924)
0.93275 (05021924) 1.57060 (05021924)
2.00072m(05111324)
3813920.5 | 0.30283 (05120424) 0.33748 (05120424)
0.40937 (05120424) 0.83607m(05111324)
1.64875m(05111324)
3813845.5 | 0.33012 (05120424) 0.37422 (05120424)
0.41840 (05120424) 0.49622 (05120424) 1.47327
(05010624)
3813770.5 | 0.37283 (05120424) 0.38429 (05120424)
0.39120 (05120424) 0.44097 (05120424) 1.82770
(05112224)
3813695.5 | 0.36214 (05120424) 0.44731m(05121724)
0.59675m(05121724) 1.53517 (05112224) 1.30509
(05112224)
3813620.5 | 0.71805m(05121724) 0.94636 (05112224)
1.54509 (05112224) 1.62369 (05112224) 1.72222
(05112224)
3813545.5 | 0.72927 (05112224) 0.60026 (05112224)
1.45171 (05112224) 1.11784 (05112224) 0.72174
(05112224)
3813470.5 | 0.19362 (05032124) 0.19775 (05032124)
0.89118 (05112224) 0.48750 (05112224) 0.29228
(05020124)
3813395.5 | 0.18735 (05032124) 0.20799 (05020124)
0.35237 (05123024) 0.26542 (05020124) 0.26564
(05020124)
3813320.5 | 0.49465 (05112224) 0.22315 (05020124)
0.23182 (05020124) 0.23974 (05020124) 0.21033
(05120324)
3813245.5 | 0.20567 (05020124) 0.20390 (05020124)
0.20834 (05120324) 0.19719 (05120324) 0.20275
(05020124)
3813170.5 | 0.20139 (05120324) 0.20220 (05120324)
0.18364 (05120324) 0.16799 (05020124) 0.18028
(05020124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348920.28 348995.28
349070.28 349145.28 349220.28
- -
- -
-

3816095.5 | 0.34650 (05122624) 0.37732 (05122624)
0.28369 (05122624) 0.22567 (05122624) 0.17247
(05111724)
3816020.5 | 0.35763 (05122624) 0.47117 (05122624)
0.35280 (05122624) 0.31207 (05122624) 0.19185
(05011224)
3815945.5 | 0.45529 (05122624) 0.51368 (05122624)
0.40226 (05122624) 0.39742 (05122624) 0.23499
(05122624)
3815870.5 | 0.44387 (05122624) 0.52247 (05122624)
0.53215 (05122624) 0.48280 (05122624) 0.35121
(05122624)
3815795.5 | 0.40245 (05122624) 0.53121 (05122624)
0.59071 (05122624) 0.56357 (05122624) 0.45082
(05122624)
3815720.5 | 0.35624 (05122624) 0.51810 (05122624)
0.61423 (05122624) 0.62727 (05122624) 0.54877
(05122624)
3815645.5 | 0.31662 (05110924) 0.45622 (05122624)
0.60921 (05122624) 0.67312 (05122624) 0.63489
(05122624)
3815570.5 | 0.35923 (05110924) 0.38290 (05122624)

0.57889 (05122624) 0.68682 (05122624) 0.66883
(05122624)
3815495.5 | 0.39331 (05110924) 0.38182 (05110924)
0.51934 (05122624) 0.64988 (05122624) 0.68185
(05122624)
3815420.5 | 0.41266 (05110924) 0.47003 (05110924)
0.51540 (05052724) 0.62263 (05122624) 0.74160
(05122624)
3815345.5 | 0.42469 (05110924) 0.53130 (05110924)
0.53700 (05110924) 0.49741 (05122624) 0.62883
(05122624)
3815270.5 | 0.47228m(05051624) 0.54771 (05110924)
0.61667 (05110924) 0.49622 (05110924) 0.61848
(05122624)
3815195.5 | 0.61755m(05051624) 0.86605m(05051624)
0.62353 (05110924) 0.61081 (05110924) 0.54248
(05122624)
3815120.5 | 0.82311m(05010924) 0.99413m(05051624)
0.76392m(05051624) 0.66036 (05110924) 0.58136
(05110924)
3815045.5 | 1.05737m(05010924) 1.00687m(05010924)
0.68538 (05010424) 0.68646 (05021824) 0.69574
(05110924)
3814970.5 | 1.74906 (05070724) 1.35081 (05071324)
1.12793m(05010924) 0.82951m(05050224) 0.69304
(05021824)
3814895.5 | 2.26843 (05070724) 1.47793 (05070724)
1.03933 (05022024) 0.86883 (05010424) 0.83561
(05010424)
3814820.5 | 2.98414 (05070724) 2.26115 (05070724)
1.53049 (05022024) 1.57605 (05022024) 1.35014
(05022024)
3814745.5 | 3.13230 (05100224) 1.71656 (05022024)
2.30931 (05070724) 2.05561 (05022024) 1.96322
(05022024)
3814670.5 | 2.74479 (05100224) 2.24970 (05063024)
3.02116 (05100224) 3.92489 (05070724) 3.59118
(05070724)
3814595.5 | 1.79290 (05070624) 2.41407 (05070624)
4.35581m(05031024) 5.41096 (05100224) 4.95573
(05100224)
3814520.5 | 1.91089m(05031024) 2.90396m(05031024)
5.34740m(05031024) 6.82303m(05031024)
5.40049m(05031024)
3814445.5 | 4.30743 (05062224) 4.02329 (05062224)
4.57802m(05031024) 7.86776m(05031024)
7.79472m(05031024)
3814370.5 | 5.35742 (05062224) 6.44083 (05062224)
7.06837 (05062224) 7.92740 (05062224)
6.20449m(05031024)
3814295.5 | 4.55848 (05091924) 5.24367 (05091924)
6.05361 (05091924) 6.90900 (05091924) 8.15851

(05062224)
3814220.5 | 4.05758 (05123024) 4.53854 (05123024)
4.88573 (05123024) 5.50949 (05123024) 6.41550
(05091924)
3814145.5 | 4.09983 (05123024) 4.37421 (05123024)
4.91139 (05123024) 5.54405 (05123024) 6.30639
(05123024)
3814070.5 | 3.48352 (05123024) 3.84381 (05123024)
4.20428 (05123024) 4.67413 (05123024) 5.21993
(05123024)
3813995.5 | 2.02948m(05111324) 2.78674m(05111324)
3.15101 (05123024) 3.43174 (05123024) 3.78794
(05123024)
3813920.5 | 2.61553m(05111324) 2.74709m(05111324)
2.67592m(05111324) 3.29291 (05112224) 4.21801
(05112224)
3813845.5 | 1.81135 (05010624) 2.37741 (05112224)
1.99252 (05112224) 2.26184 (05112224) 3.15484
(05112224)
3813770.5 | 0.54143m(05121724) 0.43823m(05121724)
0.91786 (05112224) 0.95150 (05112224) 3.50973
(05112224)
3813695.5 | 0.45115 (05112224) 0.22203 (05020124)
0.33192 (05020124) 0.71703 (05112224) 2.77368
(05112224)
3813620.5 | 0.37190 (05112224) 0.31133 (05020124)
0.34449 (05020124) 0.42215 (05020124) 0.51064
(05020124)
3813545.5 | 0.83722 (05112224) 0.36648 (05123024)
0.36894 (05020124) 0.47749 (05012024) 1.15260
(05010224)
3813470.5 | 0.34845 (05123024) 0.34811 (05020124)
0.32957 (05020124) 0.36187 (05020124) 0.86371
(05010224)
3813395.5 | 0.25664 (05020124) 0.29418 (05020124)
0.29812 (05020124) 0.66131 (05010224) 0.46638
(05010224)
3813320.5 | 0.22132 (05020124) 0.23665 (05020124)
0.26733 (05020124) 1.15094 (05010224) 1.30678
(05010224)
3813245.5 | 0.22455 (05020124) 0.65932 (05010224)
0.61655 (05010224) 0.66172 (05010224) 0.51403
(05020524)
3813170.5 | 0.36266 (05010224) 0.77880 (05010224)
1.15697 (05010224) 0.80650 (05020524) 1.25671
(05021024)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349295.28 349370.28
349445.28 349520.28 349595.28
- -
- -
-

3816095.5 | 0.20445 (05111724) 0.29684 (05111724)
0.20489 (05111724) 0.19110 (05091124) 0.18780
(05042124)
3816020.5 | 0.28806 (05111724) 0.31047 (05111724)
0.22286 (05111724) 0.24028 (05091124) 0.25809
(05042124)
3815945.5 | 0.27929 (05111724) 0.32032 (05111724)
0.30064 (05111724) 0.27992 (05091124) 0.30651
(05081224)
3815870.5 | 0.27768 (05011224) 0.32483 (05111724)
0.32622 (05111724) 0.29712 (05091124) 0.33850
(05091124)
3815795.5 | 0.31034 (05122624) 0.32127 (05111724)
0.34293 (05111724) 0.38268 (05091124) 0.38288
(05091124)
3815720.5 | 0.40390 (05122624) 0.31543 (05111724)
0.35643 (05111724) 0.36538 (05091124) 0.31056
(05091124)
3815645.5 | 0.48899 (05122624) 0.32316 (05011224)
0.36125 (05111724) 0.35782 (05111724) 0.30465
(05091124)
3815570.5 | 0.52555 (05122624) 0.35924 (05122624)

0.35690 (05111724) 0.37933 (05111724) 0.32893
(05111724)
3815495.5 | 0.61777 (05122624) 0.47261 (05122624)
0.26620 (05111724) 0.39292 (05111724) 0.36056
(05111724)
3815420.5 | 0.72406 (05122624) 0.58997 (05122624)
0.35033 (05122624) 0.34166 (05111724) 0.33315
(05111724)
3815345.5 | 0.72297 (05122624) 0.53872 (05122624)
0.39809 (05122624) 0.31061 (05111724) 0.32865
(05111724)
3815270.5 | 0.74209 (05122624) 0.61709 (05122624)
0.61808 (05122624) 0.33630 (05122624) 0.39003
(05111724)
3815195.5 | 0.71343 (05122624) 0.72790 (05122624)
0.79644 (05122624) 0.56942 (05122624) 0.41931
(05111724)
3815120.5 | 0.64392 (05122624) 0.87307 (05122624)
0.97626 (05122624) 0.77739 (05122624) 0.49882
(05111724)
3815045.5 | 0.64755 (05110924) 0.92047 (05122624)
1.14110 (05122624) 0.98401 (05122624) 0.61985
(05122624)
3814970.5 | 0.81081 (05110924) 0.94344 (05122624)
1.22931 (05122624) 1.04708 (05122624) 0.80827
(05122624)
3814895.5 | 0.99399 (05021824) 1.11890 (05021824)
1.12990 (05122624) 1.25016 (05122624) 1.13305
(05122624)
3814820.5 | 1.28890m(05010924) 1.39420m(05010924)
1.17488 (05021824) 1.31579 (05122624) 1.41792
(05122624)
3814745.5 | 2.11492 (05022024) 1.75054 (05022024)
1.15930 (05021824) 1.23623 (05122624) 1.55156
(05122624)
3814670.5 | 3.68161 (05070724) 2.46730 (05022024)
1.55488 (05021824) 1.63017 (05021824) 2.17942
(05122624)
3814595.5 | 5.77241 (05070724) 4.06100 (05070724)
2.90629 (05022024) 2.39873 (05022024) 2.83061
(05122624)
3814520.5 | 6.61114 (05063024) 6.59471 (05063024)
3.34129 (05022024) 3.10254 (05022024) 5.09301
(05022024)
3814445.5 | 6.90707m(05031024) 3.79224 (05063024)
3.32529 (05070724) 3.91199 (05022024) 8.66974
(05063024)
3814370.5 | 3.40174m(05031024) 4.54406m(05031024)
4.73998m(05031024) 6.90180 (05063024) 15.10259
(05063024)
3814295.5 | 5.56716 (05091924) 6.76710m(05031024)
4.77699m(05031024) 11.12335m(05031024)

17.39315m(05031024)
3814220.5 | 7.80219 (05091924) 8.72253 (05091924)
6.22125 (05122324) 9.26397m(05031024)
18.07361m(05031024)
3814145.5 | 7.19675 (05123024) 8.44756 (05123024)
10.35343 (05122324) 12.95927 (05122324) 16.18817
(05122324)
3814070.5 | 5.93208 (05123024) 6.92300 (05123024)
8.44609 (05123024) 11.13089 (05123024) 15.04103
(05123024)
3813995.5 | 4.29922 (05123024) 5.39809 (05112224)
6.80465 (05112224) 8.47353 (05112224) 10.23266
(05112224)
3813920.5 | 5.21410 (05112224) 6.08930 (05112224)
6.98918 (05112224) 7.57094 (05112224) 9.52559
(05012624)
3813845.5 | 5.49343 (05112224) 5.86266 (05112224)
6.76378 (05012624) 7.88405 (05012624) 7.89798
(05012624)
3813770.5 | 5.16086 (05012624) 7.12250 (05012624)
7.95615 (05012624) 6.69322 (05012624) 5.43908
(05012624)
3813695.5 | 3.45060 (05012624) 6.66976 (05012624)
7.06682 (05012624) 4.79218 (05012624) 3.27821
(05012624)
3813620.5 | 3.53062 (05012624) 2.58547 (05012624)
3.81734 (05012624) 3.52255 (05012624) 3.22985
(05122324)
3813545.5 | 1.28057 (05010224) 0.47603 (05020124)
0.81657 (05010224) 1.30520 (05021024) 3.01504
(05122324)
3813470.5 | 0.69116 (05010224) 0.27662 (05020124)
0.30693 (05020124) 1.59785 (05122324) 2.84578
(05122324)
3813395.5 | 1.24112 (05010224) 0.94767 (05020524)
0.24774m(05031424) 0.81696 (05122324) 1.94667
(05122324)
3813320.5 | 1.57519 (05020524) 1.71894 (05021024)
1.04924 (05122324) 1.48895 (05122324) 1.38428
(05122324)
3813245.5 | 1.26326 (05021024) 1.83560 (05021024)
1.56719 (05122324) 2.15992 (05122324) 1.95007
(05012124)
3813170.5 | 1.64146 (05021024) 1.72827 (05122324)
1.79028 (05122324) 1.91386 (05122324) 1.80756
(05120424)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349670.28 349745.28
349820.28 349895.28 349970.28
- -
- -
-

3816095.5 | 0.23653 (05042124) 0.25494 (05102424)
0.23641 (05061124) 0.25601 (05081024) 0.25864
(05022524)
3816020.5 | 0.24859 (05042124) 0.30289 (05081224)
0.32585 (05061124) 0.33250 (05061124) 0.26877
(05022524)
3815945.5 | 0.32194 (05081224) 0.36682 (05081224)
0.40605 (05061124) 0.40600 (05061124) 0.42019
(05081324)
3815870.5 | 0.46068 (05081224) 0.49865 (05081224)
0.50954 (05061124) 0.47902 (05061124) 0.62075
(05102324)
3815795.5 | 0.48949 (05081224) 0.55774 (05081224)
0.58943 (05061124) 0.57832 (05061124) 0.87459
(05102324)
3815720.5 | 0.33352 (05081224) 0.59647 (05081224)
0.63917 (05061124) 0.67950 (05102324) 0.77387
(05102324)
3815645.5 | 0.45948 (05081224) 0.63893 (05081224)
0.57593 (05061124) 0.54394 (05061124) 0.82256
(05102324)
3815570.5 | 0.42979 (05081224) 0.48037 (05081224)

0.47189 (05061124) 0.55824 (05061124) 0.59228
(05081324)
3815495.5 | 0.34454 (05091124) 0.33197 (05081224)
0.42416 (05061124) 0.51266 (05061124) 0.46548
(05081324)
3815420.5 | 0.29059 (05081224) 0.37597 (05081224)
0.41823 (05061124) 0.42208 (05061124) 0.43541
(05081324)
3815345.5 | 0.28703 (05111724) 0.36654 (05081224)
0.37574 (05081224) 0.37306 (05061524) 0.39430
(05061524)
3815270.5 | 0.33078 (05111724) 0.36770 (05081224)
0.34400 (05081224) 0.37378 (05061524) 0.41148
(05061524)
3815195.5 | 0.39962 (05111724) 0.44120 (05081224)
0.42657 (05081224) 0.43054 (05061524) 0.52669
(05061524)
3815120.5 | 0.41832 (05111724) 0.50368 (05081224)
0.50592 (05081224) 0.50012 (05061524) 0.62999
(05061524)
3815045.5 | 0.55291 (05111724) 0.53192 (05081224)
0.67284 (05061124) 0.62587 (05061524) 0.75968
(05061524)
3814970.5 | 0.65052 (05111724) 0.59047 (05081224)
0.78760 (05061124) 0.80281 (05061524) 0.87982
(05061524)
3814895.5 | 0.85870 (05122624) 0.67476 (05081224)
0.94197 (05061124) 1.02739 (05061524) 0.90581
(05061524)
3814820.5 | 1.26497 (05122624) 0.87082 (05010824)
1.20158 (05061124) 1.16173 (05061524) 0.95077
(05061524)
3814745.5 | 1.64305 (05122624) 1.15401 (05010824)
1.59829 (05061124) 1.43748 (05061524) 1.37847
(05061524)
3814670.5 | 2.08373 (05122624) 1.71437m(05092424)
2.14910 (05061124) 2.11400 (05061524) 2.13355
(05061524)
3814595.5 | 3.42083 (05122624) 2.85378m(05092424)
2.87775 (05061124) 2.81238 (05061524) 2.66620
(05061524)
3814520.5 | 4.80641 (05100824) 5.72511m(05121724)
3.21226 (05061124) 2.48862 (05061524) 2.43636
(05061524)
3814445.5 | 11.17504 (05071924) 8.85517 (05100824)
5.10546 (05052924) 4.34842 (05061524) 3.36254
(05061524)
3814370.5 | 15.44483 (05063024) 7.97265 (05022024)
5.81335 (05052924) 6.44726 (05061524) 6.32508
(05060524)
3814295.5 | 11.66722 (05100224) 7.43591 (05022024)
6.51913 (05052924) 9.76968 (05102224) 5.86361

(05102224)
3814220.5 | 6.94445 (05071424) 4.94356 (05071024)
5.93143 (05052924) 10.90293 (05102224) 5.32682
(05102224)
3814145.5 | 12.04847 (05122324) 5.37787 (05070424)
8.09185 (05030824) 6.39954 (05111424) 5.04267
(05111424)
3814070.5 | 21.67873 (05123024) 14.48105 (05010124)
38.29218 (05011824) 16.87290 (05122024) 4.56767
(05112124)
3813995.5 | 12.24919 (05112224) 16.04108 (05011824)
42.92674 (05011824) 15.05063 (05122024) 15.98938
(05122024)
3813920.5 | 9.90745 (05012624) 9.60471 (05011824)
19.91482 (05011824) 35.71060 (05011824) 34.47399
(05011824)
3813845.5 | 6.64394 (05012624) 7.27779 (05011824)
12.67284 (05011824) 19.43609 (05011824) 24.96849
(05011824)
3813770.5 | 3.97428 (05122324) 5.95307 (05011824)
9.44444 (05011824) 13.07886 (05011824) 16.15595
(05011824)
3813695.5 | 3.50052 (05122324) 5.09335 (05011824)
7.53240 (05011824) 9.85540 (05011824) 11.51389
(05011824)
3813620.5 | 3.05239 (05122324) 4.50315 (05011824)
6.21323 (05011824) 7.71427 (05011824) 8.81231
(05011824)
3813545.5 | 2.94400 (05011824) 4.26108 (05011824)
5.33687 (05011824) 6.29746 (05011824) 7.00388
(05011824)
3813470.5 | 2.98211 (05011824) 4.23723 (05011824)
4.89715 (05011824) 5.30616 (05011824) 5.77082
(05011824)
3813395.5 | 2.07649 (05012124) 3.86779 (05011824)
4.51708 (05011824) 4.62770 (05011824) 4.95162
(05011824)
3813320.5 | 0.67191 (05120424) 1.82676 (05120424)
4.15150 (05011824) 4.54197 (05011824) 4.77935
(05011824)
3813245.5 | 2.40290 (05120424) 1.10033 (05120424)
1.44153 (05011824) 3.41458 (05011824) 4.39195
(05011824)
3813170.5 | 2.40036 (05011824) 2.50627 (05011824)
1.81126 (05011824) 1.25237 (05011824) 3.45658
(05011824)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350045.28 350120.28
350195.28 350270.28 350345.28
- -
- -
-

3816095.5 | 0.35501 (05081324) 0.37406m(05030724)
0.35353 (05031224) 0.27947 (05061524) 0.27884
(05061524)
3816020.5 | 0.36051 (05081324) 0.48601 (05031224)
0.58017 (05031224) 0.60028 (05031224) 0.53824
(05061524)
3815945.5 | 0.40883 (05081324) 0.72406 (05031224)
0.79989 (05031224) 0.91056 (05031224) 1.24688
(05020724)
3815870.5 | 0.65609 (05102324) 0.89250 (05031224)
1.17133 (05031224) 1.27794 (05031224) 1.94409
(05020724)
3815795.5 | 1.20640 (05102324) 1.48710 (05031224)
1.64865 (05031224) 1.65561 (05031224) 1.92312
(05020724)
3815720.5 | 0.97670 (05102324) 1.81683 (05031224)
2.21342 (05031224) 2.05071 (05031224) 2.26472
(05020724)
3815645.5 | 1.20267 (05102324) 1.82995 (05031224)
2.19130 (05031224) 2.48407 (05020724) 2.46984
(05020724)
3815570.5 | 1.01093 (05031224) 1.32434 (05031224)

1.17353 (05031224) 2.13549 (05020724) 2.15390
(05020724)
3815495.5 | 0.52431 (05061524) 0.73510 (05061524)
0.60542 (05061524) 0.96050 (05061524)
1.36748m(05050524)
3815420.5 | 0.52708 (05061524) 0.59864 (05061524)
0.51448 (05061524) 0.81645 (05061524)
0.92225m(05050524)
3815345.5 | 0.50986 (05061524) 0.50813 (05061524)
0.44745 (05061524) 0.51840 (05061524)
0.67479m(05050524)
3815270.5 | 0.44743 (05061524) 0.41458 (05061524)
0.52752 (05061524) 0.58313 (05061524) 0.58096
(05061524)
3815195.5 | 0.53636 (05061524) 0.40941 (05060524)
0.38181 (05061524) 0.43246 (05061524) 0.44268
(05102224)
3815120.5 | 0.59471 (05061524) 0.44643 (05060524)
0.46767 (05061524) 0.34598 (05102224) 0.46440
(05110224)
3815045.5 | 0.66407 (05061524) 0.51106 (05061524)
0.42797 (05061624) 0.51209 (05102224) 0.63656
(05110224)
3814970.5 | 0.79711 (05061524) 0.50441 (05061624)
0.48058 (05061524) 0.56248 (05110224) 0.79936
(05110224)
3814895.5 | 0.61231 (05060524) 0.52414 (05061624)
0.51131 (05102224) 0.74817 (05110224) 0.91236
(05110224)
3814820.5 | 0.74143 (05061524) 0.65414 (05061624)
0.69158 (05110224) 0.90360 (05110224) 0.93796
(05110224)
3814745.5 | 1.15697 (05061524) 0.88972 (05102224)
0.87716 (05110224) 0.98404 (05110224) 0.84923
(05110224)
3814670.5 | 1.66628 (05061524) 1.21499 (05102224)
1.10832 (05102224) 0.95051 (05110224) 0.83521
(05101424)
3814595.5 | 1.95687 (05061524) 1.45468 (05102224)
1.13017 (05102224) 0.96266 (05101424) 0.95237
(05101424)
3814520.5 | 1.78432 (05060524) 1.52328 (05102224)
1.21598 (05101424) 1.02065 (05101424) 0.94665
(05111424)
3814445.5 | 2.98166 (05102224) 1.62695 (05101424)
1.34815 (05101424) 1.46719 (05111424) 1.70709
(05111424)
3814370.5 | 4.48232 (05060524) 2.64322 (05111424)
2.24425 (05111424) 2.27049 (05111424) 2.46592
(05111424)
3814295.5 | 6.25943 (05060524) 3.33900 (05111424)
2.50133 (05111424) 2.48182 (05111424) 3.94399

(05101824)
3814220.5 | 8.58012 (05101824) 3.76031 (05112324)
2.63937 (05112324) 2.07269 (05112324) 4.62580
(05021424)
3814145.5 | 15.29274 (05021424) 14.21228 (05021424)
3.24458 (05011124) 3.63855 (05011124) 2.67360
(05011124)
3814070.5 | 9.74977 (05112124) 18.89135 (05011324)
3.96477 (05011124) 3.40396 (05011124) 3.04893
(05011124)
3813995.5 | 55.09087 (05112024) 15.52669 (05112024)
17.07859 (05111824) 10.59954 (05103124) 2.27682
(05011124)
3813920.5 | 50.22029 (05112024) 40.40221 (05112024)
17.13362 (05112024) 2.16916 (05112024) 1.94415
(05032024)
3813845.5 | 31.29612 (05122024) 36.67199 (05112024)
12.48376 (05112024) 9.72361 (05112024) 26.74652
(05120524)
3813770.5 | 19.62952 (05013124) 23.72606 (05122024)
22.85505 (05112024) 27.75761 (05112024) 20.62110
(05112024)
3813695.5 | 12.63603 (05013124) 19.30749 (05122024)
19.22046 (05122024) 21.57011 (05112024) 22.39419
(05012324)
3813620.5 | 10.36070 (05013124) 12.42668 (05013124)
14.55158 (05122024) 15.45191 (05122024) 18.08464
(05012324)
3813545.5 | 7.53098 (05013124) 9.72442 (05013124)
10.90681 (05122024) 12.25812 (05122024) 12.38574
(05012324)
3813470.5 | 6.04299 (05011824) 7.68376 (05013124)
8.95205 (05013124) 9.94337 (05122024) 10.31352
(05122024)
3813395.5 | 5.16416 (05011824) 6.07102 (05013124)
7.46616 (05013124) 7.97184 (05122024) 8.88630
(05122024)
3813320.5 | 4.54549 (05011824) 4.79504 (05013124)
6.14492 (05013124) 6.87642 (05013124) 7.45293
(05122024)
3813245.5 | 4.36672 (05011824) 4.20500 (05011824)
5.04842 (05013124) 5.89589 (05013124) 6.20360
(05013124)
3813170.5 | 4.18491 (05011824) 3.88100 (05011824)
4.26128 (05013124) 5.07127 (05013124) 5.52649
(05013124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350420.28 350495.28
350570.28 350645.28 350720.28
- -
- -
-

3816095.5 | 0.49888 (05061524) 0.31969m(05050524)
0.37430m(05050524) 0.21027 (05061524) 0.32419
(05012624)
3816020.5 | 0.52719 (05061524) 0.66875m(05050524)
0.63647m(05050524) 0.47011 (05012624) 0.56282
(05012624)
3815945.5 | 1.51104 (05020724) 0.99165m(05050524)
1.11343m(05050524) 0.90723 (05012624) 1.60064
(05081524)
3815870.5 | 2.04685 (05020724) 1.40217m(05050524)
1.59687 (05102824) 1.16068 (05081524) 3.05110
(05102824)
3815795.5 | 2.10392 (05102824) 2.94493 (05102824)
2.61632 (05102824) 3.08569 (05102824) 3.76550
(05102824)
3815720.5 | 2.89055 (05102824) 4.53113 (05102824)
4.75919 (05102824) 2.50392 (05102824) 4.36569
(05102824)
3815645.5 | 3.79762 (05102824) 5.59109 (05102824)
6.27796 (05102824) 5.51927 (05102824) 4.58520
(05102824)
3815570.5 | 2.02288m(05050524) 4.73807 (05102824)

6.31696 (05102824) 4.86516 (05102824) 4.36933
(05092124)
3815495.5 | 0.71736m(05050524) 1.60541 (05102224)
2.45332 (05102224) 3.69983 (05092124) 4.18918
(05092124)
3815420.5 | 1.22421m(05050524) 2.00666 (05102224)
2.37836 (05102224) 3.28367 (05092124) 4.48648
(05061824)
3815345.5 | 1.03938 (05102224) 1.29300 (05102224)
1.43844 (05102224) 2.63641 (05120724) 2.52160
(05051224)
3815270.5 | 0.60596 (05102224) 0.60702 (05110224)
0.76543 (05110224) 0.97450 (05110224) 0.67224
(05110224)
3815195.5 | 0.54122 (05110224) 0.74177 (05110224)
0.82015 (05110224) 0.73948 (05110224) 0.54920
(05110224)
3815120.5 | 0.69846 (05110224) 0.83515 (05110224)
0.80301 (05110224) 0.62615 (05110224) 0.45309
(05101424)
3815045.5 | 0.82869 (05110224) 0.85741 (05110224)
0.70834 (05110224) 0.47170 (05110224) 0.46117
(05101424)
3814970.5 | 0.89588 (05110224) 0.79198 (05110224)
0.55400 (05110224) 0.51356 (05101424) 0.43976
(05101424)
3814895.5 | 0.87096 (05110224) 0.64665 (05110224)
0.58763 (05101424) 0.51513 (05101424) 0.52555
(05120324)
3814820.5 | 0.74638 (05110224) 0.68284 (05101424)
0.72186 (05120324) 1.09689 (05120324) 1.85871
(05120324)
3814745.5 | 0.68663 (05101424) 0.65013 (05101424)
0.53025 (05101424) 0.51087 (05103124) 0.52960
(05111624)
3814670.5 | 0.78928 (05101424) 0.60730 (05101424)
0.55589 (05103124) 0.76357 (05120324) 1.16929
(05120324)
3814595.5 | 0.78429 (05120324) 1.03805 (05120324)
1.04120 (05111424) 1.44805 (05111424) 5.09223
(05102824)
3814520.5 | 1.78845 (05120324) 2.76689 (05120324)
2.94754 (05102824) 1.96650 (05111424) 8.20662
(05102824)
3814445.5 | 1.82442 (05111424) 2.08459 (05111424)
4.67314 (05102824) 6.11818 (05102824) 10.51596
(05010124)
3814370.5 | 2.20239 (05111424) 1.58632 (05111424)
1.53192 (05111424) 3.64433 (05121824) 2.65742
(05101824)
3814295.5 | 6.98461 (05101824) 5.18912 (05101824)
3.42566 (05101824) 3.87375 (05101824) 3.46828

(05101824)
3814220.5 | 12.24132 (05021424) 18.06512 (05021424)
15.40441 (05021424) 9.97634 (05021424) 1.52030
(05010524)
3814145.5 | 11.90881 (05021424) 27.61208 (05021424)
22.85273 (05021424) 14.73526 (05021424) 18.29468
(05021424)
3814070.5 | 31.49077m(05103024) 29.92342 (05102924)
22.22462 (05021424) 21.08242 (05021424) 19.75399
(05021424)
3813995.5 | 30.70638m(05103024) 30.08533m(05103024)
25.25361m(05103024) 18.88560m(05103024) 15.38535
(05102924)
3813920.5 | 11.99222 (05103124) 10.00140 (05103124)
23.44119m(05103024) 20.13514m(05103024)
15.87597m(05103024)
3813845.5 | 5.73618 (05103124) 8.66329 (05103124)
15.73239 (05103124) 8.71512 (05103124)
18.69118m(05103024)
3813770.5 | 23.67474 (05120524) 20.82429 (05120524)
18.49520 (05103124) 8.20827 (05103124) 8.66856
(05103124)
3813695.5 | 19.10652 (05112024) 18.46706 (05120524)
11.13053 (05120524) 15.13873 (05103124) 15.40442
(05103124)
3813620.5 | 15.89553 (05012324) 15.60576 (05112024)
15.19112 (05112224) 14.77653 (05120524) 13.08633
(05120524)
3813545.5 | 13.83692 (05012324) 14.75488 (05012324)
12.36019 (05112024) 11.21680 (05112024) 11.37249
(05120524)
3813470.5 | 11.13316 (05012324) 11.85378 (05012324)
13.20671 (05012324) 11.55361 (05112224) 10.23831
(05112224)
3813395.5 | 8.79941 (05122024) 9.94825 (05012324)
10.70458 (05012324) 12.10566 (05012324) 9.98374
(05012324)
3813320.5 | 7.89227 (05122024) 7.88985 (05012324)
9.09763 (05012324) 10.43463 (05012324) 9.05770
(05012324)
3813245.5 | 6.91321 (05122024) 6.99768 (05122024)
7.37387 (05012324) 8.23700 (05012324) 9.66981
(05012324)
3813170.5 | 5.89980 (05122024) 6.32978 (05122024)
6.14764 (05122024) 6.89085 (05012324) 7.81399
(05012324)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350795.28 350870.28
350945.28 351020.28 351095.28
- -
- -
-

3816095.5 | 1.27168 (05102224) 0.76535 (05102224)
0.50960 (05102224) 0.47503 (05110224) 0.87215
(05120724)
3816020.5 | 0.93288 (05102224) 1.52456 (05102224)
0.70248 (05102224) 1.30128 (05120724) 1.92300
(05120724)
3815945.5 | 1.39918 (05102224) 2.19054 (05092124)
1.13521 (05120724) 1.98227 (05120724) 3.00883
(05061824)
3815870.5 | 1.77018 (05102224) 2.48921 (05092124)
1.93361 (05120724) 3.15615 (05061824) 3.21468
(05061824)
3815795.5 | 3.73455 (05092124) 3.06335 (05092124)
3.23010 (05061824) 2.93575 (05061824) 3.09284
(05061824)
3815720.5 | 3.93216 (05092124) 3.44914 (05061824)
3.54988 (05061824) 3.35536 (05061824) 2.91093
(05061824)
3815645.5 | 3.83818 (05092124) 3.74440 (05061824)
3.75355 (05061824) 3.11508 (05061824)
2.41082m(05042524)
3815570.5 | 3.74356 (05061824) 3.67668 (05061824)

3.47747 (05061824) 2.81326 (05061824)
3.16668m(05042524)
3815495.5 | 4.34178 (05061824) 3.76907 (05061824)
2.91498 (05061824) 2.97194m(05042524) 3.15763
(05062024)
3815420.5 | 4.52424 (05061824) 3.73560 (05061824)
3.19258m(05042524) 3.34732 (05062024) 3.96223
(05062024)
3815345.5 | 4.32349 (05061824) 3.92770m(05042524)
4.31939 (05062024) 4.58005 (05062024) 4.80226
(05062024)
3815270.5 | 1.69167 (05051224) 4.34610m(05042524)
3.58865m(05042524) 6.47363 (05062024) 5.44852
(05062024)
3815195.5 | 1.19036 (05102724) 1.70688 (05102724)
2.44796 (05102724) 4.09742 (05062024) 6.84791
(05062024)
3815120.5 | 0.49570 (05102224) 0.57279 (05120324)
0.57525 (05120324) 0.69447 (05120324) 2.42164
(05062024)
3815045.5 | 0.40134 (05101424) 0.46471 (05120324)
0.66930 (05120324) 1.66477 (05120224) 1.60026
(05120224)
3814970.5 | 0.54365 (05120324) 0.52015 (05120324)
0.43293 (05120324) 0.64104 (05120324) 1.49595
(05120324)
3814895.5 | 0.89847 (05120324) 1.55975 (05120324)
0.77820 (05120324) 1.28989 (05120324) 1.95758
(05102824)
3814820.5 | 2.35175 (05120324) 2.82918 (05102824)
1.81522 (05120324) 1.42563 (05120324) 3.82111
(05102824)
3814745.5 | 1.94215 (05120324) 4.37260 (05102824)
5.85937 (05102824) 3.77012 (05102824) 2.12474
(05111424)
3814670.5 | 1.28549 (05111424) 3.92711 (05102824)
3.66601 (05102824) 5.94172 (05102824) 6.91773
(05102824)
3814595.5 | 3.81421 (05102824) 6.70444 (05102824)
4.49967 (05102824) 3.55710 (05021324) 7.16120
(05010124)
3814520.5 | 10.89612 (05102824) 9.39867 (05102824)
8.36881 (05010124) 8.40556 (05010124) 4.55470
(05110224)
3814445.5 | 4.20420 (05110224) 4.60034 (05110224)
9.21134 (05010124) 6.62793 (05110224) 7.95946
(05012724)
3814370.5 | 10.91658 (05110224) 11.71232 (05012724)
11.13807 (05012724) 8.28589 (05012724) 8.49701
(05012724)
3814295.5 | 11.58506 (05012724) 12.63681 (05110224)
9.36977 (05110224) 8.58186 (05012724) 8.22226

(05012724)
3814220.5 | 2.45697 (05010524) 13.84204 (05110224)
11.85380 (05110224) 8.93196 (05110224) 8.11700
(05110224)
3814145.5 | 6.16998 (05021424) 8.38420 (05021424)
11.72898 (05021424) 11.03356 (05021424) 8.16975
(05021424)
3814070.5 | 17.88555 (05021424) 16.32061 (05021424)
11.38728 (05021424) 13.33910 (05021424) 10.17494
(05021424)
3813995.5 | 15.54605 (05021424) 13.29755 (05021424)
12.42049 (05021424) 12.84809 (05021424) 11.45328
(05021424)
3813920.5 | 13.30687m(05103024) 12.03993 (05102924)
10.95808 (05102924) 9.96992 (05102924) 9.44044
(05021424)
3813845.5 | 15.58880m(05103024) 12.54087m(05103024)
10.88007m(05103024) 9.55517 (05102924) 8.90361
(05102924)
3813770.5 | 16.27377m(05103024) 15.19417m(05103024)
13.06543m(05103024) 10.38182m(05103024)
9.07863m(05103024)
3813695.5 | 12.09603m(05103024) 11.72295m(05103024)
11.18958m(05103024) 10.34066m(05103024)
9.54063m(05103024)
3813620.5 | 10.31483 (05103124) 9.48989 (05103124)
9.41974m(05103024) 9.40641m(05103024)
9.14711m(05103024)
3813545.5 | 9.16482 (05120524) 8.68742 (05103124)
8.31727 (05103124) 7.77883 (05103124)
7.90567m(05103024)
3813470.5 | 8.73372 (05112224) 7.79455 (05120524)
7.42794 (05103124) 7.30137 (05103124) 6.98645
(05103124)
3813395.5 | 8.25041 (05112224) 7.47779 (05112224)
6.75969 (05120524) 6.53427 (05120524) 6.41338
(05103124)
3813320.5 | 7.40378 (05012324) 6.98995 (05112224)
6.73440 (05112224) 6.18505 (05112224) 5.78086
(05120524)
3813245.5 | 7.52448 (05012324) 6.23906 (05012324)
6.22628 (05112224) 6.09708 (05112224) 5.69606
(05112224)
3813170.5 | 7.53459 (05012324) 6.58139 (05012324)
5.60262 (05012324) 5.58664 (05112224) 5.54985
(05112224)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
- -
- -
-
350508.88 3814829.88 0.66932 (05101424)
350283.70 3815266.49 0.58293 (05061524)
350539.82 3814604.70 0.87518 (05111424)
350467.63 3814245.45 12.04831 (05021424)
350008.68 3813941.20 54.21321 (05011824)
350147.91 3813936.04 45.83456 (05112024)
350557.01 3814453.44 4.76661 (05102824)
349200.78 3815251.02 0.55265 (05122624)
349173.28 3815257.89 0.46627 (05122624)
348862.58 3814174.11 3.78574 (05123024)
348862.58 3815183.55 0.64640 (05010424)
350494.71 3815179.68 0.76493 (05110224)
350486.97 3814363.62 1.58867 (05111424)
350216.24 3814363.62 2.26040 (05111424)
350216.24 3814193.45 2.48114 (05112324)
349991.92 3813969.12 35.58933 (05122024)
349794.67 3813961.39 22.53199 (05011824)
349597.42 3814065.81 14.92627 (05123024)
349121.71 3814085.15 4.72489 (05123024)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY OF
MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL 1ST HIGHEST VALUE IS 16.54767 AT (349820.28,
3814070.46, 376.60, 524.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 11.97249 AT (350045.28,
3813995.46, 379.10, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 9.38239 AT (350008.68,
3813941.20, 374.50, 524.00, 0.00) DC
4TH HIGHEST VALUE IS 8.60574 AT (350147.91,
3813936.04, 378.90, 520.00, 0.00) DC
5TH HIGHEST VALUE IS 8.55684 AT (350045.28,
3813920.46, 370.90, 524.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 7.10796 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 6.97381 AT (350120.28,
3813920.46, 380.20, 520.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 6.96582 AT (349895.28,
3814070.46, 381.90, 524.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 6.91460 AT (349991.92,
3813969.12, 381.07, 520.00, 0.00) DC
10TH HIGHEST VALUE IS 6.90704 AT (349820.28,
3813995.46, 367.70, 524.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY
OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_10 IN
MICROGRAMS/M**3 **

DATE
NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL HIGH 1ST HIGH VALUE IS 55.09087 ON 05112024: AT
(350045.28, 3813995.46, 379.10, 524.00, 0.00) GC
UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\LosVallesNOx\LosVallesCO\LosVallesPM10\LosVal
les ***        06/19/14
                                   ***
***        14:22:20

PAGE  37
 **MODELOPTs:  RegDFAULT CONC
ELEV


 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          204 Informational Message(s)

 A Total of         8760 Hours Were Processed

 A Total of            0 Calm Hours Identified

 A Total of          204 Missing Hours Identified (  2.33
Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      45  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      46  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 6/19/2014
** File:
C:\AERMOD\LosValles\RGAltNOx\RGAltCO\RGAltPM10\RGAltPM25\RGAltPM2
5\RGAltPM25.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE
C:\AERMOD\LosValles\LosVallesNOx\LosVallesCO\LosVallesPM10\LosVal
les
   MODELOPT DFAULT CONC
   AVERTIME 24 PERIOD
   POLLUTID PM_2.5
   RUNORNOT RUN
   ERRORFIL RGAltPM25.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     349887.570  3814179.790
385.830
** DESCRSRC Grading
   LOCATION VOL2         VOLUME     349370.560  3814249.570
383.120
** DESCRSRC Paving
   LOCATION VOL3         VOLUME     349694.090  3814627.020
410.120
** DESCRSRC Trenching
   LOCATION AREA1        AREA       349729.250  3814023.200
371.310
** DESCRSRC Grading
** Source Parameters **
   SRCPARAM VOL1            0.0636     3.000    73.026     1.000
```

```
   SRCPARAM VOL2               0.0     3.000    67.126     1.000
   SRCPARAM VOL3               0.0     3.000    68.600     1.000
   SRCPARAM AREA1        4.026E-07     3.000   316.240   314.170
0.000
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED RGAltPM25.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE met\burk6.sfc
   PROFFILE met\burk6.PFL
   SURFDATA 0 2005
   UAIRDATA 3190 2005
   SITEDATA 99999 2005
   PROFBASE 175.0 METERS
   STARTEND 2005 1 1 1 2005 12 31 24
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST RGALTPM25.AD\24H1GALL.PLT 31
   PLOTFILE PERIOD ALL RGALTPM25.AD\PE00GALL.PLT 32
   SUMMFILE RGAltPM25.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
```

```
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      45  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      46  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

 ************************************
 *** SETUP Finishes Successfully ***
 ************************************
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** MODEL SETUP
OPTIONS SUMMARY ***
- -
- -

**Model Is Setup For Calculation of Average CONCentration
Values.

-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

**This Run Includes: 4 Source(s); 1 Source Group(s);
and 1619 Receptor(s)

**The Model Assumes A Pollutant Type of: PM_2.5

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by
Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for
Plotting (PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 175.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.7 MB of RAM.

**Detailed Error/Message File: RGAltPM25.err
**File for Summary of Results: RGAltPM25.sum

**MODELOPTs: RegDFAULT CONC
ELEV

*** VOLUME
SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
VOL1	0	0.63600E-01	349887.6	3814179.8	385.8	3.00	73.03	1.00	NO	
VOL2	0	0.00000E+00	349370.6	3814249.6	383.1	3.00	67.13	1.00	NO	
VOL3	0	0.00000E+00	349694.1	3814627.0	410.1	3.00	68.60	1.00	NO	

**MODELOPTs: RegDFAULT CONC
ELEV

*** AREA SOURCE
DATA ***

	NUMBER	EMISSION RATE	COORD (SW CORNER)		BASE	RELEASE	X-DIM	Y-DIM	ORIENT.	INIT.	URBAN	EMISSION RATE
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF AREA	OF AREA	OF AREA	SZ	SOURCE	SCALAR VARY
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)	(METERS)		BY
- - -

**MODELOPTs: RegDFAULT CONC
ELEV

*** SOURCE IDs
DEFINING SOURCE GROUPS ***

GROUP ID SOURCE
IDs

ALL VOL1 , VOL2 , VOL3 , AREA1
,

**MODELOPTs: RegDFAULT CONC
ELEV

*** GRIDDED RECEPTOR
NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF
GRID ***
(METERS)

348170.3, 348245.3, 348320.3, 348395.3, 348470.3,
348545.3, 348620.3, 348695.3, 348770.3, 348845.3,
348920.3, 348995.3, 349070.3, 349145.3, 349220.3,
349295.3, 349370.3, 349445.3, 349520.3, 349595.3,
349670.3, 349745.3, 349820.3, 349895.3, 349970.3,
350045.3, 350120.3, 350195.3, 350270.3, 350345.3,
350420.3, 350495.3, 350570.3, 350645.3, 350720.3,
350795.3, 350870.3, 350945.3, 351020.3, 351095.3,

*** Y-COORDINATES OF
GRID ***
(METERS)

3813170.5, 3813245.5, 3813320.5, 3813395.5, 3813470.5,
3813545.5, 3813620.5, 3813695.5, 3813770.5, 3813845.5,
3813920.5, 3813995.5, 3814070.5, 3814145.5, 3814220.5,
3814295.5, 3814370.5, 3814445.5, 3814520.5, 3814595.5,
3814670.5, 3814745.5, 3814820.5, 3814895.5, 3814970.5,
3815045.5, 3815120.5, 3815195.5, 3815270.5, 3815345.5,
3815420.5, 3815495.5, 3815570.5, 3815645.5, 3815720.5,
3815795.5, 3815870.5, 3815945.5, 3816020.5, 3816095.5,

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)	348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	473.20	460.50	461.30	472.50	488.90	483.80	480.90	493.00	487.20	
3816020.46	460.70	456.40	459.60	478.20	482.60	482.70	467.70	489.70	476.70	
3815945.46	454.90	454.30	459.70	477.60	470.30	479.70	461.70	479.50	468.40	
3815870.46	449.30	450.00	453.30	457.60	461.50	465.80	456.80	463.90	462.60	
3815795.46	447.90	447.20	448.00	449.80	457.90	450.10	450.20	455.10	456.00	
3815720.46	443.50	444.90	447.90	458.90	460.90	443.30	447.00	450.10	451.30	
3815645.46	442.20	441.40	445.00	456.70	455.70	440.90	443.30	443.50	450.60	
3815570.46	445.80	438.00	441.50	456.50	452.20	433.40	440.10	453.20	465.70	
3815495.46	446.40	435.80	441.00	460.90	439.60	434.90	446.40	464.00		

477.90
3815420.46 | 435.50 433.00 442.70
460.10 432.60 434.20 451.80 466.20
455.00
3815345.46 | 432.00 429.60 442.10
452.30 427.20 434.10 443.40 441.70
451.60
3815270.46 | 427.20 427.30 440.90
440.80 422.60 429.70 441.30 457.80
474.20
3815195.46 | 423.40 424.00 432.50
438.90 420.10 421.20 430.50 450.20
468.80
3815120.46 | 420.10 422.00 428.30
438.40 427.20 414.40 422.50 434.00
451.60
3815045.46 | 416.90 418.60 421.80
429.50 427.60 410.70 414.40 420.70
436.20
3814970.46 | 415.70 419.80 426.90
432.40 434.80 412.80 408.60 418.90
431.60
3814895.46 | 431.90 435.20 444.00
438.40 431.30 418.80 403.60 406.20
415.50
3814820.46 | 429.20 425.60 436.80
427.20 423.30 421.60 402.20 402.70
414.50
3814745.46 | 415.60 411.60 420.40
414.20 414.30 417.00 403.20 400.80
402.20
3814670.46 | 402.20 402.60 407.60
410.40 403.70 402.40 397.10 395.30
398.10
3814595.46 | 399.20 396.10 393.90
395.80 399.80 393.00 392.60 393.00
398.60
3814520.46 | 397.70 395.20 392.10
391.10 390.40 388.10 388.20 388.30
403.30
3814445.46 | 396.40 394.20 392.00
391.00 389.20 387.10 385.90 385.60
391.40
3814370.46 | 404.00 397.00 394.70
392.30 388.60 387.90 386.20 384.00
383.20
3814295.46 | 422.40 410.90 401.90
394.90 394.00 391.70 387.00 384.50
382.90
3814220.46 | 430.30 413.50 404.10
406.70 403.00 400.10 390.40 386.10
382.60

3814145.46 | 419.10 413.30 419.50 427.40 420.90 402.90 393.80 386.50 384.20
3814070.46 | 418.60 432.90 452.10 446.80 424.20 403.10 395.20 396.40 386.50
3813995.46 | 437.90 454.80 469.40 447.60 431.20 411.40 408.70 404.50 393.10
3813920.46 | 421.60 429.20 436.50 467.70 439.20 419.80 423.60 415.40 402.00
3813845.46 | 406.90 412.90 432.60 456.50 447.60 446.90 436.80 428.00 413.20
3813770.46 | 402.70 404.70 413.90 434.30 429.90 433.20 429.60 425.20 409.90
3813695.46 | 396.10 402.30 416.70 423.90 417.90 415.80 409.20 406.40 392.80
3813620.46 | 393.70 396.60 409.10 420.60 411.40 403.50 398.80 394.50 395.90
3813545.46 | 394.30 408.10 423.50 425.00 409.80 403.70 407.10 397.80 401.70
3813470.46 | 404.30 421.70 412.10 412.50 415.10 420.70 419.90 403.60 408.30
3813395.46 | 398.10 404.00 397.20 400.40 403.90 419.00 422.90 411.50 420.80
3813320.46 | 386.70 390.40 393.30 395.10 403.90 407.80 424.70 429.30 427.30
3813245.46 | 391.80 393.50 399.40 406.80 423.60 427.90 435.80 447.70 442.10
3813170.46 | 400.50 405.00 415.00 425.60 429.50 423.60 442.20 446.30 429.20

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	487.70	509.30	487.20	504.50	495.50	509.20	498.40	475.30	487.10
3816020.46	487.40	501.20	479.60	494.80	483.50	496.40	476.20	467.40	483.20
3815945.46	474.90	478.50	470.60	490.40	471.80	494.00	475.10	459.60	473.90
3815870.46	465.10	467.50	468.80	469.10	464.00	471.50	470.20	455.20	449.70
3815795.46	458.40	464.00	458.80	458.10	458.00	461.60	463.80	462.60	449.70
3815720.46	456.70	457.50	449.80	452.30	454.10	455.60	458.30	456.70	447.00
3815645.46	456.00	461.00	450.70	447.60	450.10	452.20	459.00	462.70	457.70
3815570.46	465.80	464.80	452.30	442.90	447.60	458.10	477.00	483.20	475.50
3815495.46	479.80	467.10	459.70	440.30	449.90	464.30	473.40	475.70	

499.20
3815420.46 | 475.80 467.70 448.20
435.70 443.10 450.00 461.70 471.00
485.90
3815345.46 | 469.90 462.00 441.20
436.80 457.20 476.30 475.40 503.50
504.10
3815270.46 | 457.90 453.10 439.50
430.90 453.90 458.70 472.00 500.70
479.80
3815195.46 | 446.30 441.80 424.60
435.80 443.50 457.00 471.90 487.10
464.70
3815120.46 | 435.20 429.10 423.50
431.20 442.10 460.80 474.00 463.90
450.50
3815045.46 | 430.40 420.90 423.40
444.90 443.70 448.80 454.70 447.10
438.80
3814970.46 | 433.00 412.60 414.50
422.10 435.40 457.90 442.40 432.40
433.10
3814895.46 | 422.50 410.20 417.90
430.00 441.50 444.90 432.60 421.40
441.10
3814820.46 | 408.20 403.40 411.60
421.90 418.40 423.30 424.20 417.80
428.30
3814745.46 | 401.70 402.80 419.90
412.50 415.60 416.60 412.60 417.10
449.50
3814670.46 | 397.40 402.40 410.70
406.70 402.70 406.10 404.40 413.90
432.00
3814595.46 | 398.90 415.30 408.70
395.70 394.00 399.40 398.30 405.20
415.20
3814520.46 | 412.60 409.40 404.40
393.80 387.40 395.60 394.30 397.90
416.00
3814445.46 | 394.70 392.90 396.10
396.30 385.10 387.30 394.30 407.00
414.30
3814370.46 | 383.60 380.70 378.60
381.30 381.90 389.20 404.80 402.90
404.10
3814295.46 | 381.10 378.90 378.00
377.60 379.10 379.10 391.60 391.90
401.40
3814220.46 | 380.20 378.60 377.00
376.10 375.10 373.80 374.50 380.40
391.20

3814145.46 | 381.10 378.60 376.10
374.60 372.70 371.40 369.70 370.00
375.10
3814070.46 | 380.20 379.00 378.00
374.60 372.10 369.70 368.20 367.00
366.80
3813995.46 | 386.60 387.20 382.20
374.00 371.10 369.00 367.70 366.60
365.10
3813920.46 | 389.50 380.00 378.20
375.80 372.90 371.40 369.20 365.70
365.00
3813845.46 | 388.30 383.50 383.00
389.80 393.00 387.70 372.90 369.00
366.00
3813770.46 | 385.80 407.60 409.30
403.60 403.70 386.20 373.70 372.50
369.10
3813695.46 | 398.00 409.10 437.20
423.30 404.70 386.20 384.50 377.60
370.40
3813620.46 | 396.40 411.00 425.80
430.70 420.10 409.40 384.80 386.50
381.40
3813545.46 | 405.70 402.90 411.80
420.20 404.90 394.00 396.60 409.90
400.30
3813470.46 | 418.00 411.90 409.90
419.10 413.60 401.50 404.90 426.70
408.00
3813395.46 | 427.80 431.90 414.90
415.60 404.40 409.50 393.90 397.50
410.90
3813320.46 | 440.90 429.00 421.20
416.20 396.90 391.90 386.50 385.60
395.40
3813245.46 | 423.40 413.80 403.20
406.40 403.80 404.00 391.50 378.70
387.90
3813170.46 | 419.60 410.80 402.60
394.00 397.40 388.90 383.70 380.00
376.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	480.80	484.10	464.80	456.50	458.10	459.40	457.40	435.00	446.90
3816020.46	460.80	461.90	462.90	447.80	442.20	436.30	449.80	436.40	427.80
3815945.46	453.30	443.60	447.80	441.40	434.50	428.90	427.00	432.00	420.70
3815870.46	452.10	440.50	435.80	431.60	427.50	423.70	419.50	420.20	417.50
3815795.46	441.20	438.00	434.20	429.20	423.80	418.20	414.50	410.40	408.40
3815720.46	444.60	452.50	448.30	428.30	422.40	415.80	417.00	414.50	405.20
3815645.46	450.30	459.60	436.90	427.30	427.10	424.80	416.60	411.50	406.10
3815570.46	456.60	459.20	439.60	438.60	436.00	426.00	424.90	415.00	413.00
3815495.46	470.00	468.20	450.50	466.60	443.80	432.40	442.00	433.70	

424.00
3815420.46 | 485.80 486.80 482.20
458.10 449.10 449.60 458.50 440.80
438.50
3815345.46 | 518.10 506.80 505.40
477.20 472.70 477.40 486.10 458.50
464.40
3815270.46 | 498.00 488.80 497.60
493.90 510.40 497.60 496.10 492.80
497.50
3815195.46 | 468.40 483.80 486.10
471.20 483.30 491.50 472.30 479.60
510.80
3815120.46 | 456.50 471.50 494.50
461.60 467.40 484.90 463.10 478.30
499.50
3815045.46 | 449.10 467.80 470.10
468.20 449.80 467.10 455.00 476.30
490.00
3814970.46 | 464.40 468.80 447.60
465.40 446.30 449.20 454.00 467.40
499.10
3814895.46 | 450.50 449.70 436.50
458.90 441.30 437.30 466.60 504.50
513.10
3814820.46 | 451.10 442.20 428.20
441.00 432.60 441.40 475.50 488.70
481.30
3814745.46 | 461.30 449.00 426.80
431.60 423.20 437.30 452.70 457.70
455.40
3814670.46 | 430.40 420.40 424.30
419.60 415.60 423.00 430.00 437.40
442.80
3814595.46 | 419.60 407.70 406.00
410.10 410.10 418.70 425.50 431.40
441.80
3814520.46 | 420.90 401.90 402.40
400.80 411.80 440.00 442.30 451.30
450.00
3814445.46 | 415.90 396.50 393.00
397.70 407.60 418.40 432.50 426.30
452.40
3814370.46 | 400.50 386.90 390.90
404.40 426.50 415.70 412.00 426.90
421.60
3814295.46 | 391.10 383.90 397.40
417.30 408.00 391.70 412.90 414.40
426.10
3814220.46 | 386.90 381.00 404.40
418.40 405.40 386.80 411.50 400.20
419.60

3814145.46 | 376.60 378.10 390.60
400.90 386.20 392.30 414.80 396.00
397.10
3814070.46 | 369.60 373.60 372.40
386.70 376.60 381.90 402.40 401.40
390.30
3813995.46 | 365.10 364.70 365.20
365.80 367.70 389.80 394.70 379.10
395.60
3813920.46 | 364.00 363.10 362.10
360.40 362.10 369.60 378.60 370.90
380.20
3813845.46 | 363.60 360.80 359.60
358.10 357.00 362.20 363.50 371.50
375.60
3813770.46 | 363.60 360.10 357.70
356.20 355.10 357.00 359.00 363.00
379.20
3813695.46 | 364.10 361.10 357.60
355.10 354.00 354.60 355.30 382.30
375.00
3813620.46 | 374.60 370.30 357.70
355.10 352.70 351.10 352.70 354.70
353.50
3813545.46 | 393.50 374.30 362.40
359.70 353.70 349.70 349.50 348.60
348.60
3813470.46 | 389.40 378.60 368.10
368.20 358.90 350.10 347.60 346.10
346.10
3813395.46 | 400.00 386.40 386.00
377.00 363.40 352.50 349.20 347.40
344.60
3813320.46 | 389.80 391.60 403.30
393.10 377.50 364.10 360.30 349.80
343.00
3813245.46 | 377.40 381.30 381.90
400.40 396.20 382.20 366.00 359.00
352.60
3813170.46 | 377.30 368.10 370.20
384.20 392.00 396.90 381.90 369.20
356.30

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	435.70	453.50	453.60	426.90	443.30	434.90	459.60	441.80	402.90
3816020.46	426.70	424.60	426.40	425.80	419.00	418.80	428.70	420.40	413.40
3815945.46	420.70	416.40	409.40	404.10	409.00	405.20	409.50	397.50	404.20
3815870.46	413.70	409.80	400.50	395.40	400.90	398.10	404.00	388.00	396.50
3815795.46	407.40	404.50	401.00	393.70	390.50	391.60	389.00	384.70	381.70
3815720.46	401.50	399.80	396.60	390.40	386.20	385.20	390.40	380.00	377.70
3815645.46	402.30	395.70	393.10	388.20	383.90	378.70	376.80	371.70	369.30
3815570.46	414.50	400.30	395.90	395.90	386.30	378.40	380.40	372.20	366.50
3815495.46	435.70	417.20	407.90	420.20	402.90	392.00	385.20	376.80	

370.50
3815420.46 | 451.10 424.10 417.60
407.90 400.10 394.20 386.10 380.40
374.20
3815345.46 | 471.30 449.50 425.00
414.10 411.90 406.70 393.00 389.80
377.40
3815270.46 | 461.80 443.30 429.10
432.70 446.80 425.50 408.30 424.60
401.40
3815195.46 | 490.70 464.90 452.50
458.40 482.80 464.90 450.30 425.10
407.00
3815120.46 | 476.70 481.40 478.70
468.50 462.70 478.20 464.90 442.60
423.40
3815045.46 | 481.70 459.00 459.80
468.90 446.30 477.00 471.20 441.60
437.20
3814970.46 | 472.20 474.20 444.10
459.20 434.40 458.50 442.60 449.50
423.20
3814895.46 | 481.00 458.50 456.60
435.20 429.70 434.30 427.50 425.90
414.20
3814820.46 | 474.20 455.80 441.90
438.40 426.80 419.40 412.00 403.50
399.40
3814745.46 | 471.60 468.30 476.20
469.10 450.30 443.40 432.20 433.10
405.60
3814670.46 | 445.90 466.20 455.80
441.40 445.40 449.10 423.70 415.40
418.60
3814595.46 | 449.70 460.30 439.60
426.30 420.00 439.90 417.50 394.70
398.60
3814520.46 | 454.20 461.40 429.60
411.80 404.10 403.00 409.00 385.50
374.60
3814445.46 | 453.50 456.80 438.00
425.80 414.80 396.90 388.40 380.60
395.10
3814370.46 | 451.80 421.50 411.00
411.80 428.80 415.70 399.50 403.80
380.80
3814295.46 | 440.40 417.20 402.50
393.70 398.20 403.40 401.00 401.80
381.70
3814220.46 | 423.80 427.40 402.60
387.80 382.00 382.20 386.50 413.60
406.70

3814145.46 | 420.20 409.90 414.50
394.40 375.10 366.90 385.40 378.20
398.50
3814070.46 | 409.50 410.40 410.00
379.70 371.70 361.30 365.30 368.30
368.70
3813995.46 | 387.70 397.20 410.40
379.80 367.80 367.50 358.40 350.50
360.10
3813920.46 | 392.00 408.60 409.10
388.50 389.10 362.60 360.10 346.20
338.50
3813845.46 | 394.80 397.20 380.50
401.00 396.90 384.10 389.10 364.60
357.60
3813770.46 | 381.20 377.50 382.60
375.80 379.70 381.50 395.60 392.70
364.90
3813695.46 | 361.80 367.20 370.80
362.70 367.80 387.30 382.60 372.80
349.10
3813620.46 | 355.30 359.10 366.30
358.30 362.70 368.00 375.70 362.30
336.90
3813545.46 | 348.60 349.90 349.60
353.10 364.90 357.80 383.40 358.90
332.50
3813470.46 | 346.10 345.30 344.40
347.10 347.10 366.60 367.70 360.10
345.20
3813395.46 | 344.70 342.90 341.60
341.60 341.30 350.00 369.90 380.70
344.30
3813320.46 | 343.00 340.70 339.20
339.10 339.90 341.90 361.40 353.50
345.30
3813245.46 | 342.20 339.60 338.10
338.00 338.00 336.90 337.90 363.60
337.20
3813170.46 | 346.10 341.50 338.20
336.70 336.90 335.70 334.10 347.00
340.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	418.40	427.80	424.70	407.00
3816020.46	399.80	416.10	400.50	392.70
3815945.46	390.40	402.30	392.80	375.90
3815870.46	388.50	394.20	374.20	371.90
3815795.46	384.40	376.00	385.30	366.70
3815720.46	376.80	376.10	366.90	365.90
3815645.46	369.60	369.90	364.20	356.80
3815570.46	363.80	365.10	363.60	365.00
3815495.46	364.50	358.80	356.60	356.80
3815420.46	366.70	358.30	355.50	350.20
3815345.46	368.50	366.60	359.50	351.40
3815270.46	382.90	386.40	367.50	355.60
3815195.46	401.50	392.00	387.50	377.40
3815120.46	418.80	419.20	414.10	

391.90
3815045.46 | 425.90 416.10 398.80
399.40
3814970.46 | 422.80 425.70 419.20
404.50
3814895.46 | 404.80 418.20 409.90
403.50
3814820.46 | 396.00 404.80 409.00
395.30
3814745.46 | 393.60 385.40 396.60
404.80
3814670.46 | 397.50 397.60 385.60
375.40
3814595.46 | 386.20 391.80 393.80
379.30
3814520.46 | 366.80 365.90 375.80
387.60
3814445.46 | 389.80 372.30 356.30
376.90
3814370.46 | 372.10 372.50 350.00
361.10
3814295.46 | 369.20 350.60 346.20
356.10
3814220.46 | 370.90 367.50 345.80
338.50
3814145.46 | 391.50 364.20 372.50
346.10
3814070.46 | 380.70 386.70 375.80
349.00
3813995.46 | 348.70 348.50 361.30
356.40
3813920.46 | 338.30 335.60 335.70
336.40
3813845.46 | 339.20 335.40 327.20
326.70
3813770.46 | 364.90 359.80 335.40
323.40
3813695.46 | 342.50 338.10 322.60
320.10
3813620.46 | 327.30 320.20 318.70
318.10
3813545.46 | 325.30 319.10 318.00
318.00
3813470.46 | 320.20 317.20 317.00
317.00
3813395.46 | 319.60 317.60 317.00
317.00
3813320.46 | 319.60 318.10 317.00
316.00
3813245.46 | 319.60 316.20 316.00
316.00
3813170.46 | 320.00 316.00 316.00

315.90

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	760.00	760.00	760.00	760.00	609.00	609.00	609.00	609.00	609.00
3816020.46	760.00	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00
3815945.46	760.00	760.00	760.00	609.00	700.00	609.00	700.00	609.00	609.00
3815870.46	760.00	760.00	760.00	700.00	700.00	609.00	700.00	609.00	609.00
3815795.46	760.00	760.00	760.00	760.00	700.00	700.00	700.00	609.00	609.00
3815720.46	760.00	760.00	760.00	609.00	609.00	700.00	609.00	609.00	609.00
3815645.46	760.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815570.46	700.00	760.00	700.00	609.00	609.00	700.00	609.00	609.00	609.00
3815495.46	496.00	700.00	609.00	463.00	609.00	609.00	609.00	585.00	

482.00
3815420.46 | 700.00 700.00 574.00
465.00 609.00 609.00 609.00 482.00
609.00
3815345.46 | 496.00 609.00 482.00
465.00 609.00 609.00 609.00 609.00
585.00
3815270.46 | 496.00 574.00 482.00
481.00 609.00 609.00 585.00 481.00
481.00
3815195.46 | 496.00 496.00 482.00
481.00 609.00 609.00 609.00 481.00
481.00
3815120.46 | 496.00 496.00 482.00
481.00 482.00 609.00 609.00 524.00
481.00
3815045.46 | 496.00 495.00 482.00
481.00 481.00 609.00 609.00 585.00
524.00
3814970.46 | 495.00 481.00 481.00
481.00 481.00 574.00 609.00 574.00
524.00
3814895.46 | 452.00 452.00 452.00
452.00 481.00 481.00 585.00 585.00
524.00
3814820.46 | 452.00 452.00 452.00
452.00 481.00 481.00 574.00 574.00
524.00
3814745.46 | 452.00 452.00 452.00
481.00 481.00 481.00 524.00 524.00
524.00
3814670.46 | 524.00 475.00 475.00
481.00 481.00 524.00 524.00 524.00
524.00
3814595.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814520.46 | 527.00 524.00 481.00
481.00 481.00 524.00 524.00 524.00
524.00
3814445.46 | 527.00 524.00 517.00
481.00 481.00 524.00 524.00 524.00
524.00
3814370.46 | 524.00 524.00 475.00
475.00 481.00 481.00 524.00 524.00
524.00
3814295.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 524.00
524.00
3814220.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
524.00

3814145.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3814070.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813995.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813920.46 | 475.00 475.00 475.00
473.00 475.00 475.00 475.00 475.00
475.00
3813845.46 | 475.00 475.00 475.00
475.00 475.00 473.00 475.00 475.00
475.00
3813770.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813695.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813620.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813545.46 | 475.00 475.00 475.00
475.00 475.00 475.00 475.00 475.00
475.00
3813470.46 | 475.00 473.00 475.00
475.00 475.00 473.00 464.00 475.00
473.00
3813395.46 | 475.00 475.00 475.00
475.00 475.00 464.00 464.00 464.00
464.00
3813320.46 | 504.00 504.00 504.00
504.00 504.00 504.00 464.00 464.00
464.00
3813245.46 | 504.00 504.00 504.00
504.00 464.00 464.00 464.00 464.00
464.00
3813170.46 | 504.00 504.00 504.00
464.00 464.00 504.00 464.00 464.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	585.00	524.00	585.00
3815495.46	479.80	609.00	609.00	609.00	609.00	609.00	585.00	524.00	

524.00
3815420.46 | 480.00 574.00 609.00
609.00 609.00 609.00 585.00 524.00
524.00
3815345.46 | 481.00 524.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815270.46 | 481.00 574.00 609.00
609.00 574.00 524.00 524.00 524.00
524.00
3815195.46 | 524.00 585.00 609.00
609.00 585.00 524.00 524.00 524.00
524.00
3815120.46 | 585.00 609.00 609.00
609.00 524.00 524.00 524.00 524.00
524.00
3815045.46 | 524.00 609.00 609.00
524.00 524.00 524.00 524.00 524.00
524.00
3814970.46 | 524.00 609.00 609.00
585.00 524.00 524.00 524.00 524.00
524.00
3814895.46 | 524.00 585.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814820.46 | 524.00 585.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814745.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814670.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814595.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814520.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814445.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814370.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814295.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814220.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00

3814145.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3814070.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
524.00
3813995.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813920.46 | 475.00 475.00 475.00
524.00 524.00 524.00 524.00 524.00
524.00
3813845.46 | 475.00 475.00 475.00
475.00 473.00 441.00 524.00 524.00
524.00
3813770.46 | 475.00 475.00 441.00
441.00 441.00 447.00 520.00 520.00
520.00
3813695.46 | 475.00 473.00 439.00
441.00 441.00 464.00 447.00 520.00
520.00
3813620.46 | 475.00 464.00 441.00
441.00 441.00 441.00 464.00 443.00
441.00
3813545.46 | 473.00 473.00 464.00
441.00 464.00 464.00 443.00 432.00
432.00
3813470.46 | 464.00 464.00 464.00
443.00 443.00 464.00 441.00 432.00
432.00
3813395.46 | 464.00 464.00 464.00
464.00 464.00 432.00 504.00 441.00
432.00
3813320.46 | 464.00 464.00 464.00
464.00 504.00 504.00 504.00 504.00
504.00
3813245.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00
3813170.46 | 504.00 504.00 504.00
504.00 504.00 504.00 504.00 504.00
504.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815495.46	524.00	524.00	609.00	524.00	609.00	609.00	609.00	609.00	

609.00
3815420.46 | 524.00 524.00 524.00
524.00 585.00 557.00 524.00 557.00
557.00
3815345.46 | 524.00 524.00 524.00
524.00 524.00 524.00 519.00 524.00
524.00
3815270.46 | 524.00 524.00 524.00
524.00 513.00 513.00 516.00 516.00
516.00
3815195.46 | 524.00 524.00 524.00
524.00 524.00 519.00 524.00 520.00
516.00
3815120.46 | 524.00 524.00 524.00
524.00 524.00 520.00 524.00 520.00
516.00
3815045.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3814970.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3814895.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814820.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814745.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814670.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
520.00
3814595.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 524.00
520.00
3814520.46 | 524.00 524.00 524.00
524.00 524.00 520.00 520.00 520.00
520.00
3814445.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814370.46 | 524.00 524.00 524.00
524.00 520.00 524.00 524.00 520.00
520.00
3814295.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814220.46 | 524.00 524.00 524.00
520.00 524.00 524.00 520.00 524.00
520.00

3814145.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3814070.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813995.46 | 524.00 524.00 524.00
524.00 524.00 520.00 520.00 524.00
520.00
3813920.46 | 524.00 524.00 524.00
524.00 524.00 524.00 520.00 524.00
520.00
3813845.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3813770.46 | 524.00 524.00 524.00
524.00 524.00 524.00 524.00 520.00
520.00
3813695.46 | 520.00 520.00 524.00
524.00 524.00 524.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813545.46 | 432.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813470.46 | 432.00 441.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813395.46 | 432.00 432.00 432.00
432.00 520.00 520.00 520.00 520.00
520.00
3813320.46 | 504.00 432.00 403.30
405.00 432.00 504.00 520.00 520.00
520.00
3813245.46 | 504.00 504.00 504.00
405.00 405.00 405.00 482.00 482.00
520.00
3813170.46 | 504.00 504.00 504.00
504.00 405.00 405.00 405.00 409.00
482.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	609.00	609.00	609.00	609.00	609.00	609.00	579.00	579.00	609.00
3816020.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00
3815495.46	579.00	609.00	609.00	609.00	609.00	609.00	609.00	609.00	

609.00
3815420.46 | 524.00 609.00 609.00
609.00 609.00 609.00 609.00 609.00
609.00
3815345.46 | 520.00 524.00 534.00
579.00 579.00 579.00 609.00 579.00
609.00
3815270.46 | 520.00 524.00 524.00
524.00 520.00 520.00 552.00 520.00
552.00
3815195.46 | 516.00 520.00 520.00
520.00 487.00 520.00 520.00 520.00
520.00
3815120.46 | 520.00 520.00 520.00
520.00 520.00 485.00 487.00 520.00
520.00
3815045.46 | 520.00 520.00 520.00
520.00 520.00 485.00 485.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814895.46 | 520.00 520.00 520.00
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3814820.46 | 520.00 520.00 520.00
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520.00
3814745.46 | 520.00 520.00 520.00
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520.00
3814670.46 | 520.00 520.00 520.00
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520.00
3814595.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814520.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
524.00
3814445.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814370.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814295.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3814220.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00

3814145.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00 520.00 524.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813845.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813770.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 406.00
520.00
3813695.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 520.00
520.00
3813545.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00 520.00 520.00 406.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 386.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00 520.00 520.00 386.00 406.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 386.00
520.00
3813170.46 | 520.00 520.00 520.00
520.00 520.00 520.00 520.00 409.00
409.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	609.00	579.00	579.00	579.00
3816020.46	609.00	579.00	609.00	609.00
3815945.46	609.00	609.00	609.00	609.00
3815870.46	609.00	609.00	609.00	609.00
3815795.46	609.00	609.00	609.00	609.00
3815720.46	609.00	609.00	609.00	609.00
3815645.46	609.00	609.00	609.00	609.00
3815570.46	609.00	609.00	609.00	609.00
3815495.46	609.00	609.00	609.00	609.00
3815420.46	609.00	609.00	609.00	609.00
3815345.46	609.00	609.00	609.00	609.00
3815270.46	579.00	579.00	579.00	609.00
3815195.46	534.00	534.00	534.00	552.00
3815120.46	520.00	520.00	520.00	

520.00
3815045.46 | 520.00 520.00 520.00
520.00
3814970.46 | 520.00 520.00 520.00
520.00
3814895.46 | 520.00 520.00 520.00
520.00
3814820.46 | 520.00 520.00 520.00
520.00
3814745.46 | 520.00 520.00 520.00
520.00
3814670.46 | 520.00 520.00 520.00
520.00
3814595.46 | 520.00 520.00 520.00
520.00
3814520.46 | 524.00 520.00 520.00
520.00
3814445.46 | 520.00 520.00 520.00
520.00
3814370.46 | 520.00 520.00 520.00
520.00
3814295.46 | 520.00 520.00 520.00
520.00
3814220.46 | 520.00 520.00 520.00
520.00
3814145.46 | 520.00 520.00 520.00
520.00
3814070.46 | 520.00 520.00 520.00
520.00
3813995.46 | 520.00 520.00 520.00
520.00
3813920.46 | 520.00 520.00 520.00
520.00
3813845.46 | 520.00 520.00 520.00
520.00
3813770.46 | 520.00 520.00 520.00
520.00
3813695.46 | 520.00 520.00 520.00
520.00
3813620.46 | 520.00 520.00 520.00
520.00
3813545.46 | 520.00 520.00 520.00
520.00
3813470.46 | 520.00 520.00 520.00
520.00
3813395.46 | 520.00 520.00 520.00
520.00
3813320.46 | 520.00 520.00 520.00
520.00
3813245.46 | 520.00 520.00 520.00
520.00
3813170.46 | 520.00 520.00 520.00

520.00

**MODELOPTs: RegDFAULT CONC
ELEV

*** DISCRETE
CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD,
ZELEV, ZHILL, ZFLAG)

(METERS)

(350508.9, 3814829.9, 424.8, 520.0, 0.0);
(350283.7, 3815266.5, 441.1, 524.0, 0.0);
(350539.8, 3814604.7, 430.8, 520.0, 0.0);
(350467.6, 3814245.4, 385.7, 520.0, 0.0);
(350008.7, 3813941.2, 374.5, 524.0, 0.0);
(350147.9, 3813936.0, 378.9, 520.0, 0.0);
(350557.0, 3814453.4, 397.3, 520.0, 0.0);
(349200.8, 3815251.0, 455.4, 524.0, 0.0);
(349173.3, 3815257.9, 461.5, 524.0, 0.0);
(348862.6, 3814174.1, 380.0, 524.0, 0.0);
(348862.6, 3815183.5, 439.9, 585.0, 0.0);
(350494.7, 3815179.7, 481.9, 487.0, 0.0);
(350487.0, 3814363.6, 425.7, 520.0, 0.0);
(350216.2, 3814363.6, 442.9, 520.0, 0.0);
(350216.2, 3814193.4, 425.3, 520.0, 0.0);
(349991.9, 3813969.1, 381.1, 520.0, 0.0);
(349794.7, 3813961.4, 363.8, 524.0, 0.0);
(349597.4, 3814065.8, 372.8, 524.0, 0.0);
(349121.7, 3814085.1, 372.9, 524.0, 0.0);

**MODELOPTs: RegDFAULT CONC
ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH
CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR
BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
VOL1	349820.3	3814070.5	-28.63
VOL1	349895.3	3814070.5	-47.40
VOL1	349970.3	3814070.5	-19.91
VOL1	349745.3	3814145.5	-10.63
VOL1	349820.3	3814145.5	-81.46
VOL1	349895.3	3814145.5	-121.82
VOL1	349970.3	3814145.5	-67.45
VOL1	349745.3	3814220.5	-9.02
VOL1	349820.3	3814220.5	-78.38
VOL1	349895.3	3814220.5	-115.61
VOL1	349970.3	3814220.5	-64.84
VOL1	349820.3	3814295.5	-23.19
VOL1	349895.3	3814295.5	-41.08
VOL1	349970.3	3814295.5	-14.81

		VOL2	349295.3
3814145.5	-15.85		
		VOL2	349370.3
3814145.5	-40.21		
		VOL2	349445.3
3814145.5	-16.17		
		VOL2	349295.3
3814220.5	-63.61		
		VOL2	349370.3
3814220.5	-115.21		
		VOL2	349445.3
3814220.5	-64.13		
		VOL2	349295.3
3814295.5	-56.16		
		VOL2	349370.3
3814295.5	-98.43		
		VOL2	349445.3
3814295.5	-56.63		
		VOL2	349295.3
3814370.5	-1.91		
		VOL2	349370.3
3814370.5	-23.43		
		VOL2	349445.3
3814370.5	-2.20		
		VOL3	349595.3
3814520.5	-2.17		
		VOL3	349670.3
3814520.5	-38.30		
		VOL3	349745.3
3814520.5	-29.27		
		VOL3	349595.3
3814595.5	-43.76		
		VOL3	349670.3
3814595.5	-107.96		
		VOL3	349745.3
3814595.5	-87.35		
		VOL3	349820.3
3814595.5	-17.41		
		VOL3	349595.3
3814670.5	-39.55		
		VOL3	349670.3
3814670.5	-97.95		
		VOL3	349745.3
3814670.5	-80.35		
		VOL3	349820.3
3814670.5	-14.03		
		VOL3	349670.3
3814745.5	-26.68		
		VOL3	349745.3
3814745.5	-18.46		

**MODELOPTs: RegDFAULT CONC
ELEV

*** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1  1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

METEOROLOGICAL DATA PROCESSED BETWEEN
START DATE: 2005 1 1 1
AND
END DATE: 2005 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED
WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST
THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09,
5.14, 8.23, 10.80,

**MODELOPTs: RegDFAULT CONC
ELEV

*** UP TO THE FIRST 24 HOURS
OF METEOROLOGICAL DATA ***

Surface file: met\burk6.sfc
Met Version: 12345
Profile file: met\burk6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air
station no.: 3190
Name: UNKNOWN
Name: UNKNOWN
Year: 2005
Year: 2005

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
05	01	01	1	01	-3.2	0.063	-9.000	-9.000	-999.	37.	7.1	0.53	1.00	1.00	0.90	285.	9.1	279.9	5.5
05	01	01	1	02	-2.6	0.063	-9.000	-9.000	-999.	37.	8.7	0.53	1.00	1.00	0.90	277.	9.1	279.9	5.5
05	01	01	1	03	-2.6	0.063	-9.000	-9.000	-999.	37.	8.7	0.53	1.00	1.00	0.90	335.	9.1	279.2	5.5
05	01	01	1	04	-2.6	0.063	-9.000	-9.000	-999.	37.	8.6	0.53	1.00	1.00	0.90	291.	9.1	278.8	5.5
05	01	01	1	05	-3.0	0.063	-9.000	-9.000	-999.	37.	7.4	0.53	1.00	1.00	0.90	334.	9.1	278.1	5.5
05	01	01	1	06	-0.5	0.028	-9.000	-9.000	-999.	11.	3.8	0.53	1.00	1.00	0.40	309.	9.1	278.8	5.5
05	01	01	1	07	-2.6	0.063	-9.000	-9.000	-999.	37.	8.6	0.53	1.00	1.00	0.90	313.	9.1	278.8	5.5
05	01	01	1	08	-0.4	0.028	-9.000	-9.000	-999.	11.	4.5	0.53	1.00	0.56	0.40	256.	9.1	279.2	5.5
05	01	01	1	09	0.1	0.128	0.022	0.005	4.	105.	-1838.7	0.53	1.00	0.33	0.90	298.	9.1	282.5	5.5
05	01	01	1	10	0.1	0.128	0.025	0.005	5.	105.	-1838.7	0.53	1.00	0.25	0.90	103.	9.1	286.4	5.5
05	01	01	1	11	0.1	0.310	0.027	0.005	7.	397.	-8888.0								

```
0.53   1.00   0.22    2.20  136.    9.1  287.0    5.5
 05 01 01   1 12    0.1  0.310  0.028  0.005    8.  397.  -8888.0
0.53   1.00   0.21    2.20  152.    9.1  287.0    5.5
 05 01 01   1 13    0.1  0.254  0.029  0.005    9.  295.  -8888.0
0.53   1.00   0.21    1.80  187.    9.1  285.9    5.5
 05 01 01   1 14    0.1  0.184  0.030  0.005    9.  182.  -5471.6
0.53   1.00   0.22    1.30  157.    9.1  287.0    5.5
 05 01 01   1 15    0.1  0.184  0.031  0.005   10.  181.  -5471.6
0.53   1.00   0.26    1.30  192.    9.1  286.4    5.5
 05 01 01   1 16    0.1  0.254  0.031  0.005   11.  294.  -8888.0
0.53   1.00   0.34    1.80  188.    9.1  285.9    5.5
 05 01 01   1 17   -4.9  0.092 -9.000 -9.000 -999.   88.     13.8
0.53   1.00   0.61    1.30  200.    9.1  285.4    5.5
 05 01 01   1 18   -2.6  0.063 -9.000 -9.000 -999.   37.      8.7
0.53   1.00   1.00    0.90  162.    9.1  284.9    5.5
 05 01 01   1 19   -3.0  0.063 -9.000 -9.000 -999.   37.      7.5
0.53   1.00   1.00    0.90  176.    9.1  284.9    5.5
 05 01 01   1 20   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  210.    9.1  284.2    5.5
 05 01 01   1 21   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  236.    9.1  284.2    5.5
 05 01 01   1 22   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  272.    9.1  283.8    5.5
 05 01 01   1 23   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  251.    9.1  283.1    5.5
 05 01 01   1 24   -0.4  0.028 -9.000 -9.000 -999.   11.      4.5
0.53   1.00   1.00    0.40  301.    9.1  282.5    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW
sigmaV
 05 01 01 01    5.5 0 -999.  -99.00   279.9   99.0  -99.00  -
99.00
 05 01 01 01    9.1 1  285.    0.90  -999.0   99.0  -99.00  -
99.00

 F indicates top of profile (=1) or below (=0)
```

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28	348545.28	348620.28	348695.28	348770.28
3816095.46	0.01648	0.01946	0.01917	0.01681	0.01493	0.01527	0.01540	0.01405	0.01494
3816020.46	0.02055	0.02198	0.02063	0.01661	0.01626	0.01626	0.01808	0.01566	0.01659
3815945.46	0.02418	0.02423	0.02167	0.01747	0.01897	0.01750	0.02039	0.01741	0.01887
3815870.46	0.02894	0.02824	0.02586	0.02355	0.02210	0.02096	0.02317	0.02100	0.02101
3815795.46	0.03141	0.03194	0.03104	0.02929	0.02466	0.02827	0.02772	0.02494	0.02412
3815720.46	0.03716	0.03569	0.03287	0.02586	0.02499	0.03543	0.03177	0.02916	0.02782
3815645.46	0.04083	0.04144	0.03743	0.02846	0.02895	0.04051	0.03724	0.03622	0.03046

3815570.46 | 0.03970 0.04854 0.04365
0.03031 0.03302 0.05446 0.04363 0.03178
0.02709
3815495.46 | 0.04178 0.05527 0.04730
0.03041 0.04857 0.05565 0.03988 0.02933
0.02619
3815420.46 | 0.05886 0.06384 0.04854
0.03312 0.06429 0.06085 0.03787 0.03074
0.03561
3815345.46 | 0.06777 0.07436 0.05264
0.04135 0.08203 0.06552 0.04978 0.05170
0.04086
3815270.46 | 0.07978 0.08252 0.05713
0.05811 0.10289 0.08117 0.05700 0.04004
0.03390
3815195.46 | 0.08947 0.09270 0.07435
0.06403 0.11917 0.11634 0.08535 0.05015
0.03889
3815120.46 | 0.09674 0.09705 0.08414
0.06623 0.09626 0.16229 0.11953 0.08288
0.05377
3815045.46 | 0.10337 0.10463 0.10058
0.08446 0.09567 0.19663 0.17383 0.13822
0.08470
3814970.46 | 0.10218 0.09368 0.08003
0.07411 0.07513 0.17613 0.23056 0.15388
0.10436
3814895.46 | 0.05419 0.05366 0.04719
0.05897 0.07857 0.12985 0.27989 0.27431
0.19009
3814820.46 | 0.05308 0.06529 0.05102
0.07453 0.09317 0.10913 0.28083 0.30714
0.19504
3814745.46 | 0.07886 0.10479 0.07708
0.11114 0.12158 0.11900 0.25174 0.31160
0.33161
3814670.46 | 0.12611 0.13755 0.12211
0.11771 0.18077 0.21331 0.29219 0.35006
0.36253
3814595.46 | 0.12211 0.15201 0.18259
0.19116 0.18494 0.26366 0.30126 0.33937
0.32224
3814520.46 | 0.11329 0.13794 0.16984
0.19501 0.23871 0.27459 0.30827 0.34825
0.22235
3814445.46 | 0.10673 0.12793 0.15137
0.17344 0.22097 0.25227 0.28684 0.32553
0.31333
3814370.46 | 0.06570 0.10001 0.12114
0.14556 0.20191 0.22548 0.25640 0.29347
0.33526
3814295.46 | 0.01689 0.03737 0.07143

0.11290 0.12913 0.15714 0.22701 0.25888
0.29427
3814220.46 | 0.00849 0.02370 0.04968
0.04401 0.06143 0.08089 0.19578 0.22748
0.25838
3814145.46 | 0.01155 0.01830 0.01217
0.00816 0.01220 0.05177 0.11034 0.20228
0.22743
3814070.46 | 0.00980 0.00454 0.00251
0.00295 0.00771 0.04160 0.08480 0.08292
0.20220
3813995.46 | 0.00303 0.00197 0.00182
0.00246 0.00442 0.01626 0.02149 0.03370
0.10356
3813920.46 | 0.00587 0.00388 0.00289
0.00180 0.00279 0.00703 0.00570 0.00996
0.03859
3813845.46 | 0.01734 0.01022 0.00302
0.00181 0.00212 0.00225 0.00291 0.00413
0.01029
3813770.46 | 0.02247 0.01948 0.00849
0.00267 0.00322 0.00288 0.00335 0.00412
0.01261
3813695.46 | 0.03520 0.02161 0.00597
0.00375 0.00544 0.00643 0.01219 0.01716
0.07767
3813620.46 | 0.04064 0.03293 0.01069
0.00414 0.00893 0.02099 0.03592 0.06010
0.05572
3813545.46 | 0.03729 0.01110 0.00322
0.00303 0.01051 0.02055 0.01505 0.04157
0.02937
3813470.46 | 0.01516 0.00345 0.00791
0.00780 0.00619 0.00399 0.00434 0.02223
0.01369
3813395.46 | 0.02574 0.01650 0.03103
0.02472 0.01872 0.00444 0.00352 0.00926
0.00451
3813320.46 | 0.07079 0.07396 0.04214
0.03845 0.01819 0.01275 0.00325 0.00281
0.00320
3813245.46 | 0.04120 0.03820 0.02434
0.01306 0.00315 0.00268 0.00212 0.00170
0.00192
3813170.46 | 0.01991 0.01420 0.00572
0.00274 0.00242 0.00337 0.00178 0.00165
0.00246

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348845.28	348920.28	348995.28	349070.28	349145.28	349220.28	349295.28	349370.28	349445.28
3816095.46	0.01478	0.01274	0.01398	0.01206	0.01200	0.01117	0.01149	0.01370	0.01317
3816020.46	0.01574	0.01402	0.01556	0.01345	0.01407	0.01247	0.01414	0.01505	0.01404
3815945.46	0.01815	0.01726	0.01803	0.01547	0.01646	0.01353	0.01515	0.01687	0.01582
3815870.46	0.02049	0.02007	0.01961	0.01896	0.01878	0.01710	0.01668	0.01867	0.02042
3815795.46	0.02317	0.02196	0.02274	0.02235	0.02148	0.01984	0.01876	0.01863	0.02153
3815720.46	0.02533	0.02485	0.02706	0.02575	0.02435	0.02284	0.02128	0.02105	0.02375
3815645.46	0.02758	0.02592	0.02865	0.02963	0.02785	0.02597	0.02315	0.02176	0.02249

3815570.46 | 0.02711 0.02723 0.03032
0.03454 0.03137 0.02690 0.02257 0.02112
0.02193
3815495.46 | 0.02655 0.02905 0.03063
0.03928 0.03308 0.02841 0.02599 0.02461
0.02055
3815420.46 | 0.02932 0.03138 0.03837
0.04759 0.03998 0.03545 0.03091 0.02806
0.02483
3815345.46 | 0.03294 0.03573 0.04832
0.05140 0.03712 0.03285 0.03215 0.02577
0.02468
3815270.46 | 0.04037 0.04333 0.05577
0.06763 0.04239 0.04039 0.03673 0.02946
0.03220
3815195.46 | 0.05406 0.05956 0.09841
0.06624 0.05437 0.04579 0.04143 0.03676
0.04034
3815120.46 | 0.07953 0.09615 0.11496
0.08549 0.06281 0.05009 0.04632 0.04831
0.05132
3815045.46 | 0.10188 0.14252 0.12893
0.06779 0.06894 0.06338 0.05965 0.06333
0.06832
3814970.46 | 0.10233 0.22468 0.20690
0.14989 0.09456 0.06555 0.07898 0.09308
0.08825
3814895.46 | 0.15348 0.27189 0.19511
0.12767 0.09348 0.08808 0.11271 0.15213
0.09123
3814820.46 | 0.28964 0.39961 0.27876
0.18817 0.21915 0.18240 0.17293 0.20970
0.13991
3814745.46 | 0.38212 0.40844 0.20167
0.29552 0.27200 0.27005 0.32574 0.26181
0.11991
3814670.46 | 0.42483 0.39537 0.29029
0.40447 0.56365 0.50489 0.59568 0.36046
0.19280
3814595.46 | 0.36636 0.18581 0.29581
0.65705 0.81589 0.76426 0.92189 0.66370
0.41246
3814520.46 | 0.15216 0.21030 0.32895
0.64345 0.88236 0.87597 1.11308 1.12608
0.46584
3814445.46 | 0.32326 0.40476 0.42307
0.50445 0.84709 0.99916 1.04176 0.60465
0.52254
3814370.46 | 0.38452 0.45185 0.53350
0.63563 0.77056 0.86080 0.44745 0.65499
0.77961
3814295.46 | 0.33698 0.38929 0.45531

0.54110 0.65571 0.81147 0.77638 1.01115
0.70451
3814220.46 | 0.29200 0.33266 0.38327
0.45637 0.54132 0.65420 0.82403 1.06253
1.03747
3814145.46 | 0.25502 0.28629 0.32907
0.37627 0.43493 0.51392 0.61868 0.78217
1.07615
3814070.46 | 0.22527 0.25112 0.28236
0.32009 0.36183 0.41454 0.48748 0.58949
0.74355
3813995.46 | 0.20608 0.22892 0.25816
0.27994 0.31153 0.35286 0.40874 0.48368
0.58518
3813920.46 | 0.18829 0.20963 0.23132
0.25771 0.28482 0.32192 0.36544 0.41687
0.49537
3813845.46 | 0.17894 0.19993 0.22275
0.24681 0.14047 0.32632 0.34163 0.37982
0.43112
3813770.46 | 0.17151 0.01737 0.01488
0.03165 0.03300 0.30223 0.31137 0.34930
0.38389
3813695.46 | 0.04965 0.01421 0.00282
0.00520 0.02750 0.27597 0.30812 0.32477
0.33779
3813620.46 | 0.05707 0.01127 0.00415
0.00372 0.00641 0.01432 0.27576 0.30540
0.32927
3813545.46 | 0.01956 0.02807 0.01041
0.00577 0.02273 0.09641 0.07258 0.01145
0.04769
3813470.46 | 0.00569 0.00972 0.01190
0.00551 0.00765 0.03196 0.01992 0.00361
0.01458
3813395.46 | 0.00332 0.00294 0.00674
0.00599 0.01961 0.01003 0.08640 0.05918
0.01012
3813320.46 | 0.00213 0.00292 0.00383
0.00500 0.04816 0.09011 0.18187 0.19545
0.07796
3813245.46 | 0.00339 0.00608 0.01965
0.01312 0.01888 0.01950 0.09394 0.16996
0.18590
3813170.46 | 0.00362 0.00747 0.01968
0.05595 0.04037 0.14179 0.15156 0.15661
0.15866

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 349520.28	349595.28	349670.28	349745.28	349820.28	349895.28	349970.28	350045.28	350120.28
3816095.46	0.01415	0.01464	0.01753	0.01934	0.01942	0.01952	0.01988	0.02613	0.02089
3816020.46	0.01730	0.01808	0.01871	0.02263	0.02477	0.02722	0.02237	0.02666	0.03166
3815945.46	0.01955	0.02412	0.02334	0.02642	0.03011	0.03353	0.03462	0.03061	0.04136
3815870.46	0.02076	0.02668	0.03084	0.03439	0.03744	0.04051	0.04572	0.04456	0.04896
3815795.46	0.02583	0.02936	0.03362	0.03858	0.04391	0.05139	0.05917	0.07322	0.08145
3815720.46	0.02557	0.02429	0.02713	0.04179	0.04859	0.05984	0.05595	0.06237	0.10161
3815645.46	0.02496	0.02412	0.03501	0.04552	0.04517	0.04689	0.06022	0.07643	0.10187

3815570.46 | 0.02506 0.02585 0.03512
0.03725 0.03961 0.04861 0.04910 0.06767
0.07202
3815495.46 | 0.02488 0.02627 0.03199
0.03011 0.03789 0.04540 0.03856 0.04182
0.04885
3815420.46 | 0.02473 0.02546 0.02771
0.03447 0.03888 0.03951 0.03694 0.04020
0.03761
3815345.46 | 0.02259 0.02434 0.02586
0.03323 0.03688 0.03682 0.03529 0.03785
0.03267
3815270.46 | 0.02781 0.03021 0.02951
0.03239 0.03190 0.03580 0.03602 0.03419
0.02943
3815195.46 | 0.03818 0.03455 0.03561
0.04241 0.04197 0.04096 0.04638 0.04066
0.02982
3815120.46 | 0.04713 0.04239 0.03686
0.05015 0.05207 0.04850 0.05411 0.04494
0.03390
3815045.46 | 0.05809 0.04968 0.04999
0.05411 0.06620 0.06122 0.06369 0.05063
0.03943
3814970.46 | 0.06109 0.05742 0.06796
0.06276 0.07813 0.07861 0.07278 0.05918
0.04045
3814895.46 | 0.08057 0.07863 0.09068
0.07629 0.09531 0.10170 0.07651 0.05293
0.04242
3814820.46 | 0.09693 0.10278 0.12567
0.10642 0.12558 0.11490 0.08265 0.06548
0.05635
3814745.46 | 0.10841 0.11901 0.15877
0.14715 0.18049 0.14389 0.11496 0.09320
0.07743
3814670.46 | 0.19780 0.24868 0.21311
0.23973 0.27350 0.22093 0.17670 0.13285
0.09987
3814595.46 | 0.34715 0.55259 0.56175
0.43407 0.42544 0.30959 0.23657 0.17291
0.11750
3814520.46 | 0.41775 1.07758 0.98278
1.03565 0.54661 0.29403 0.24568 0.17381
0.12783
3814445.46 | 0.58235 2.08922 2.85967
2.00309 0.97604 0.61444 0.38931 0.30248
0.15302
3814370.46 | 1.32199 3.42565 4.23632
1.88191 0.99461 1.04383 0.91829 0.44236
0.27504
3814295.46 | 2.05655 3.59681 2.82383

1.51980 0.86037 1.20464 0.72402 0.77024
0.31565
3814220.46 | 1.92468 3.12218 1.19860
0.59724 0.83290 1.53323 0.71293 1.24923
0.38805
3814145.46 | 1.48932 2.27094 3.23840
0.60102 1.28124 0.97066 0.64114 2.63119
2.82985
3814070.46 | 1.00575 1.47178 2.37230
3.66685 3.67726 1.54796 0.51675 1.36933
4.00268
3813995.46 | 0.73588 0.95478 1.28145
1.79039 3.11554 3.12894 1.79981 4.83947
2.41198
3813920.46 | 0.59844 0.73693 0.91803
1.14194 1.48647 2.09236 2.50923 3.11554
2.85200
3813845.46 | 0.49943 0.58590 0.69217
0.80669 0.93978 1.14402 1.41105 1.83038
2.09832
3813770.46 | 0.42028 0.47525 0.53876
0.60219 0.66687 0.75447 0.88712 1.08006
1.33068
3813695.46 | 0.35808 0.39442 0.43225
0.46880 0.50445 0.54955 0.61921 0.80346
0.97231
3813620.46 | 0.33950 0.35568 0.35540
0.37728 0.39776 0.42292 0.46381 0.52773
0.60350
3813545.46 | 0.14252 0.31741 0.30459
0.31604 0.32458 0.33919 0.36379 0.40116
0.45278
3813470.46 | 0.27843 0.28703 0.27212
0.28335 0.27580 0.28049 0.29583 0.32001
0.35506
3813395.46 | 0.04786 0.26352 0.27536
0.26458 0.24188 0.23829 0.24818 0.26456
0.28754
3813320.46 | 0.21625 0.12810 0.02987
0.11479 0.23629 0.21801 0.22201 0.22476
0.23870
3813245.46 | 0.18602 0.19973 0.20626
0.03965 0.07122 0.21986 0.20141 0.20195
0.20894
3813170.46 | 0.16700 0.15934 0.16604
0.18946 0.10267 0.06083 0.19887 0.19059
0.18448

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350195.28	350270.28	350345.28	350420.28	350495.28	350570.28	350645.28	350720.28	350795.28
3816095.46	0.02386	0.01637	0.01477	0.02367	0.01464	0.01669	0.01047	0.01322	0.06920
3816020.46	0.03100	0.03050	0.02639	0.02531	0.03226	0.03101	0.01969	0.02753	0.04143
3815945.46	0.03937	0.04417	0.06152	0.07932	0.05850	0.06952	0.05324	0.09505	0.07202
3815870.46	0.05625	0.06559	0.10187	0.11887	0.09263	0.10088	0.07616	0.13789	0.10216
3815795.46	0.08293	0.09198	0.10455	0.13243	0.15196	0.13268	0.14751	0.15183	0.15076
3815720.46	0.11801	0.12170	0.13236	0.16727	0.17207	0.16911	0.15332	0.16546	0.16118
3815645.46	0.11973	0.15218	0.15840	0.18483	0.18831	0.18671	0.18154	0.17525	0.16878

3815570.46 | 0.06193 0.13280 0.15289
0.14679 0.19721 0.20059 0.19425 0.18806
0.17745
3815495.46 | 0.03298 0.05190 0.08441
0.03971 0.10892 0.16880 0.20100 0.20294
0.19470
3815420.46 | 0.02853 0.04156 0.04926
0.08497 0.13517 0.16704 0.21286 0.21724
0.21225
3815345.46 | 0.02734 0.02701 0.03892
0.05949 0.06634 0.09185 0.18026 0.20538
0.22932
3815270.46 | 0.03064 0.03089 0.03670
0.03192 0.02462 0.03481 0.08231 0.03157
0.13482
3815195.46 | 0.02839 0.02865 0.02822
0.02582 0.02161 0.02223 0.02184 0.03197
0.09809
3815120.46 | 0.03290 0.02835 0.02666
0.02697 0.02576 0.02156 0.02118 0.02161
0.03354
3815045.46 | 0.03497 0.03574 0.03281
0.02925 0.02993 0.02260 0.02131 0.02232
0.02176
3814970.46 | 0.04119 0.03648 0.03992
0.03293 0.03575 0.02604 0.02527 0.02136
0.03537
3814895.46 | 0.04288 0.04427 0.04022
0.04204 0.04069 0.03273 0.03505 0.03449
0.06284
3814820.46 | 0.05051 0.05006 0.04817
0.04271 0.04551 0.05552 0.08327 0.17642
0.23561
3814745.46 | 0.05768 0.05095 0.04171
0.03690 0.03517 0.03213 0.03398 0.03128
0.15927
3814670.46 | 0.07897 0.05630 0.05036
0.04664 0.03873 0.03345 0.04899 0.07534
0.06080
3814595.46 | 0.08609 0.06373 0.06139
0.06300 0.07242 0.03992 0.07482 0.42730
0.33971
3814520.46 | 0.09350 0.06949 0.07635
0.13901 0.27165 0.29774 0.15447 0.60385
0.65488
3814445.46 | 0.10849 0.08167 0.07804
0.07988 0.12125 0.59135 0.65894 0.76321
0.50099
3814370.46 | 0.13225 0.14634 0.21445
0.18310 0.07300 0.11981 0.51904 0.32259
0.75114
3814295.46 | 0.17131 0.19975 0.58053

1.22246 0.80023 0.41885 0.50801 0.43569
0.80464
3814220.46 | 0.23092 0.15589 0.67828
1.43888 1.54387 1.30125 0.95380 0.14285
0.27244
3814145.46 | 0.23694 0.37897 0.21842
1.60319 1.90396 1.49313 1.07151 1.12632
0.64866
3814070.46 | 0.42150 0.34124 0.32018
2.22703 1.93276 1.45079 1.28759 1.14567
1.00286
3813995.46 | 2.61663 1.70138 0.27947
2.11904 1.80031 1.52142 1.19543 0.98449
0.93055
3813920.46 | 2.13606 0.29758 0.28147
1.32585 1.13633 1.35533 1.15718 0.92942
0.80458
3813845.46 | 1.28217 1.08749 1.76276
0.70616 0.99988 1.15059 0.83799 0.99845
0.84205
3813770.46 | 1.38916 1.52666 1.33206
1.42929 1.26610 1.11705 0.82124 0.82211
0.83708
3813695.46 | 0.97441 1.10202 1.16600
1.05371 1.06311 0.80442 0.89019 0.88560
0.68147
3813620.46 | 0.68942 0.77518 0.87327
0.82252 0.84427 0.85921 0.84982 0.73227
0.59243
3813545.46 | 0.51144 0.56874 0.60924
0.64402 0.71686 0.66634 0.67361 0.63078
0.52976
3813470.46 | 0.39805 0.44166 0.47873
0.51018 0.52484 0.61026 0.61062 0.55986
0.49146
3813395.46 | 0.31893 0.35263 0.38497
0.41191 0.42962 0.45534 0.53325 0.52340
0.43412
3813320.46 | 0.26145 0.28719 0.31428
0.33926 0.35926 0.37412 0.42867 0.40627
0.38519
3813245.46 | 0.21924 0.23871 0.26081
0.28302 0.30201 0.31527 0.32492 0.38282
0.32925
3813170.46 | 0.18948 0.20306 0.21995
0.23837 0.25613 0.26982 0.27914 0.29944
0.29463

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 350870.28	350945.28	351020.28	351095.28
3816095.46	0.03045	0.01979	0.02125	0.05252
3816020.46	0.08206	0.03434	0.07518	0.09286
3815945.46	0.12054	0.07457	0.09927	0.12372
3815870.46	0.13018	0.10233	0.13312	0.12934
3815795.46	0.14397	0.14498	0.13488	0.13351
3815720.46	0.15682	0.15397	0.14500	0.14075
3815645.46	0.16464	0.16063	0.15153	0.14116
3815570.46	0.16964	0.16654	0.16058	0.15767
3815495.46	0.18227	0.17054	0.16348	0.15889
3815420.46	0.19839	0.18166	0.17297	0.16245
3815345.46	0.21580	0.20590	0.18911	0.17353

3815270.46	0.23393	0.21363	0.21340	0.18899
3815195.46	0.14250	0.19746	0.21121	0.22489
3815120.46	0.04064	0.03793	0.05206	0.19373
3815045.46	0.02893	0.04761	0.17035	0.16273
3814970.46	0.03456	0.02940	0.04131	0.13093
3814895.46	0.14072	0.04743	0.09059	0.15268
3814820.46	0.26919	0.15376	0.10547	0.24450
3814745.46	0.31936	0.36681	0.26573	0.15799
3814670.46	0.30837	0.29234	0.37334	0.39803
3814595.46	0.45726	0.38741	0.34574	0.42371
3814520.46	0.56990	0.51855	0.50306	0.38179
3814445.46	0.47357	0.58997	0.47463	0.49069
3814370.46	0.70611	0.63620	0.48857	0.48205
3814295.46	0.74951	0.57909	0.51145	0.49385
3814220.46	0.81519	0.70708	0.54303	0.47818
3814145.46	0.73618	0.72685	0.69080	0.51893
3814070.46	0.87593	0.66507	0.72215	0.54735
3813995.46	0.76107	0.68015	0.67202	0.58578
3813920.46	0.71693	0.63958	0.57758	0.52553
3813845.46	0.68728	0.61621	0.55274	0.50367
3813770.46	0.76211	0.66683	0.53489	0.48213
3813695.46	0.60824	0.55202	0.49616	0.45696
3813620.46	0.54308	0.50116	0.46422	0.43074
3813545.46	0.49540	0.46283	0.43271	0.40451
3813470.46	0.44716	0.42413	0.40090	0.37792
3813395.46	0.40122	0.38589	0.36906	0.35138

3813320.46	0.35770	0.34840	0.33715	0.32434
3813245.46	0.31780	0.31234	0.30565	0.29740
3813170.46	0.28239	0.27954	0.27593	0.27096

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE PERIOD (8760 HRS) AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC
X-COORD (M) Y-COORD (M) CONC
- -
- -
350508.88 3814829.88 0.04736
350283.70 3815266.49 0.03126
350539.82 3814604.70 0.04670
350467.63 3814245.45 1.36021
350008.68 3813941.20 3.53444
350147.91 3813936.04 3.21463
350557.01 3814453.44 0.57497
349200.78 3815251.02 0.04273
349173.28 3815257.89 0.04053
348862.58 3814174.11 0.27547
348862.58 3815183.55 0.06408
350494.71 3815179.68 0.02202
350486.97 3814363.62 0.08093
350216.24 3814363.62 0.13215
350216.24 3814193.45 0.20146
349991.92 3813969.12 3.53156
349794.67 3813961.39 1.81687
349597.42 3814065.81 1.43958
349121.71 3814085.15 0.35880

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348170.28 348245.28
348320.28 348395.28 348470.28
- -
- -
-

3816095.5 | 0.10600m(05051624) 0.12972 (05031524)
0.13739 (05031524) 0.12505 (05031524) 0.09911
(05110924)
3816020.5 | 0.13877m(05051624) 0.14035m(05051624)
0.13502 (05031524) 0.11190 (05031524) 0.10545
(05110924)
3815945.5 | 0.15409m(05051624) 0.16124m(05051624)
0.13517m(05051624) 0.11219 (05031524) 0.14036
(05031524)
3815870.5 | 0.15434m(05051624) 0.17665m(05051624)
0.16879m(05051624) 0.14274m(05051624) 0.14475
(05031524)
3815795.5 | 0.17280m(05010924) 0.16717m(05051624)
0.19053m(05051624) 0.18626m(05051624)
0.14476m(05051624)
3815720.5 | 0.19176m(05010924) 0.18972m(05010924)
0.17238 (05010424) 0.15583m(05051624)
0.15461m(05051624)
3815645.5 | 0.18351m(05010924) 0.20614m(05010924)
0.19716m(05010924) 0.16590 (05010424)
0.17187m(05051624)
3815570.5 | 0.16281 (05052224) 0.20212m(05010924)

0.21318m(05010924) 0.17203 (05010424) 0.18306
(05010424)
3815495.5 | 0.19117 (05022024) 0.24229 (05070724)
0.19919m(05010924) 0.16952m(05010924)
0.23859m(05010924)
3815420.5 | 0.27976 (05022024) 0.29326 (05070724)
0.19605 (05022024) 0.16544m(05010924)
0.27326m(05010924)
3815345.5 | 0.34910 (05022024) 0.34146 (05022024)
0.25511 (05022024) 0.19837 (05022024) 0.35280
(05070724)
3815270.5 | 0.41084 (05022024) 0.41251 (05022024)
0.31141 (05022024) 0.29074 (05022024) 0.49752
(05070724)
3815195.5 | 0.45847 (05063024) 0.45757 (05022024)
0.39552 (05022024) 0.34931 (05022024) 0.55884
(05070724)
3815120.5 | 0.49494 (05063024) 0.49990 (05063024)
0.41433 (05022024) 0.36013 (05022024) 0.47399
(05022024)
3815045.5 | 0.52014 (05121324) 0.49714 (05063024)
0.50325 (05063024) 0.41093 (05063024) 0.46926
(05022024)
3814970.5 | 0.60272 (05070624) 0.51697 (05070624)
0.39858 (05070624) 0.34744 (05063024) 0.35618
(05063024)
3814895.5 | 0.36633 (05070624) 0.35953 (05070624)
0.29974 (05070624) 0.33979 (05070624) 0.38982
(05070624)
3814820.5 | 0.30109 (05070624) 0.39481 (05070624)
0.33232 (05070624) 0.47334 (05070624) 0.55562
(05070624)
3814745.5 | 0.48905 (05122224) 0.63548 (05122224)
0.40979 (05122224) 0.61851 (05031124) 0.68325
(05031124)
3814670.5 | 0.93842 (05062224) 0.93459 (05062224)
0.76350 (05122224) 0.70911 (05122224)
1.11046m(05031024)
3814595.5 | 1.08562 (05062224) 1.21812 (05062224)
1.31750 (05062224) 1.36416 (05062224) 1.27496
(05062224)
3814520.5 | 0.93518 (05062224) 1.07843 (05062224)
1.18661 (05062224) 1.28042 (05062224) 1.07541
(05062224)
3814445.5 | 0.93127 (05110624) 0.99078 (05110624)
1.03356 (05110624) 1.07340 (05110624) 1.01033
(05110624)
3814370.5 | 0.62114 (05091924) 0.83790 (05110624)
0.93710 (05110624) 1.01962 (05110624) 0.98400
(05110624)
3814295.5 | 0.26729 (05060424) 0.42004 (05060424)
0.64002 (05122324) 0.83661 (05122324) 0.89197

(05122324)
3814220.5 | 0.16846 (05122324) 0.38639 (05122324)
0.65219 (05122324) 0.58685 (05122324) 0.72493
(05122324)
3814145.5 | 0.20151 (05122324) 0.28660 (05122324)
0.20111 (05122324) 0.14035 (05122324) 0.19024
(05122324)
3814070.5 | 0.18421 (05021924) 0.08176 (05021924)
0.06261 (05120424) 0.06671 (05120424) 0.15925
(05021924)
3813995.5 | 0.07908 (05021924) 0.06091 (05021024)
0.06540 (05021024) 0.07242 (05021024) 0.11133
(05021924)
3813920.5 | 0.17439 (05021924) 0.10384 (05021924)
0.08578 (05021024) 0.08573 (05021024) 0.09361
(05120424)
3813845.5 | 0.38925m(05061924) 0.21804m(05061924)
0.10516 (05120424) 0.10748 (05120424) 0.12621
(05120424)
3813770.5 | 0.46434m(05111324) 0.39811m(05111324)
0.17679 (05010624) 0.14963 (05120424) 0.16311
(05120424)
3813695.5 | 0.46644 (05010624) 0.38335 (05010624)
0.16797 (05120424) 0.15899 (05120424) 0.16368
(05120424)
3813620.5 | 0.39755 (05010624) 0.34571 (05010624)
0.20911m(05121724) 0.12464 (05120424)
0.24873m(05121724)
3813545.5 | 0.37255m(05121724) 0.28374m(05121724)
0.10379m(05121724) 0.09560m(05121724)
0.28710m(05121724)
3813470.5 | 0.37288m(05121724) 0.12361m(05121724)
0.23518m(05121724) 0.20505 (05112224) 0.16778
(05112224)
3813395.5 | 0.49018 (05112224) 0.42812 (05112224)
0.67045 (05112224) 0.65158 (05112224) 0.56278
(05112224)
3813320.5 | 0.53787 (05112224) 0.53548 (05112224)
0.76685 (05112224) 0.77961 (05112224) 0.52013
(05112224)
3813245.5 | 0.67821 (05112224) 0.71726 (05112224)
0.62192 (05112224) 0.37932 (05112224) 0.09623
(05123024)
3813170.5 | 0.55123 (05112224) 0.42286 (05112224)
0.15405 (05112224) 0.09108 (05123024) 0.08038
(05020124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 348545.28	348620.28	348695.28	348770.28	348845.28
3816095.5	0.09686 (05110924)	0.09037 (05052724)	0.08906 (05122624)	0.12951 (05122624)	0.16337 (05122624)
3816020.5	0.10635 (05110924)	0.10772 (05110924)	0.08663 (05052724)	0.12617 (05122624)	0.15200 (05122624)
3815945.5	0.11320 (05110924)	0.12370 (05110924)	0.10130 (05110924)	0.10933 (05122624)	0.15342 (05122624)
3815870.5	0.14147 (05031524)	0.13548 (05110924)	0.12614 (05110924)	0.12183 (05052724)	0.13772 (05122624)
3815795.5	0.15036 (05031524)	0.14346 (05110924)	0.14414 (05110924)	0.13566 (05110924)	0.13105 (05052724)
3815720.5	0.19272m(05051624)	0.15471 (05031524)	0.15414 (05110924)	0.15461 (05110924)	0.14192 (05052724)
3815645.5	0.23731m(05051624)	0.19600m(05051624)	0.16336 (05060924)	0.16476 (05110924)	0.15730 (05110924)
3815570.5	0.29058m(05051624)	0.24837m(05051624)			

0.16530m(05051624) 0.15836 (05031524) 0.16046
(05110924)
3815495.5 | 0.25548m(05051624) 0.22593m(05051624)
0.16353m(05051624) 0.13512 (05110924) 0.15256
(05110924)
3815420.5 | 0.28060m(05010924) 0.20578 (05010424)
0.17098 (05010424) 0.19434m(05051624) 0.16533
(05031524)
3815345.5 | 0.27589m(05010924) 0.24435m(05010924)
0.24416 (05010424) 0.21757m(05051624)
0.16751m(05051624)
3815270.5 | 0.34134 (05070724) 0.25293m(05010924)
0.21145m(05010924) 0.19557 (05010424) 0.21002
(05010424)
3815195.5 | 0.55702 (05070724) 0.35542 (05070724)
0.23521m(05010924) 0.20532 (05010424) 0.26501
(05010424)
3815120.5 | 0.74473 (05070724) 0.55411 (05070724)
0.33148 (05022024) 0.24527m(05010924)
0.33897m(05010924)
3815045.5 | 0.84230 (05100224) 0.75981 (05070724)
0.62775 (05070724) 0.36849 (05022024) 0.36385
(05022024)
3814970.5 | 0.82639 (05063024) 0.98799 (05100224)
0.66418 (05022024) 0.49276 (05022024) 0.44745
(05022024)
3814895.5 | 0.59670 (05063024) 1.21736 (05063024)
1.18976 (05063024) 0.80152 (05100224) 0.66573
(05022024)
3814820.5 | 0.58577 (05070624) 1.34352 (05121324)
1.35377 (05121324) 0.86712 (05063024) 1.22643
(05100224)
3814745.5 | 0.68024 (05070624) 1.37312 (05031124)
1.48422 (05031124) 1.47247 (05121324) 1.54925
(05100224)
3814670.5 | 1.30428m(05031024) 1.68374m(05031024)
1.84429m(05031024) 1.82034 (05031124) 1.87826
(05031124)
3814595.5 | 1.56240 (05062224) 1.66816m(05031024)
1.85896m(05031024) 1.84961m(05031024)
1.97679m(05031024)
3814520.5 | 1.25466 (05062224) 1.36398 (05062224)
1.47676 (05062224) 1.34322 (05062224)
0.75398m(05031024)
3814445.5 | 1.13044 (05091924) 1.27052 (05062224)
1.43351 (05062224) 1.82588 (05062224) 2.02868
(05062224)
3814370.5 | 1.07372 (05110624) 1.19504 (05110624)
1.35433 (05091924) 1.51701 (05091924) 1.68211
(05091924)
3814295.5 | 0.96769 (05122324) 1.05229 (05122324)
1.16825 (05122324) 1.30288 (05110624) 1.48577

(05091924)
3814220.5 | 0.84805 (05122324) 1.01310 (05122324)
1.17088 (05122324) 1.30490 (05122324) 1.43388
(05122324)
3814145.5 | 0.58642 (05122324) 0.95676 (05012124)
1.06521 (05122324) 1.18592 (05122324) 1.31895
(05122324)
3814070.5 | 0.59427 (05021924) 0.79709 (05012124)
0.80810 (05021924) 0.96699 (05122324) 1.11924
(05122324)
3813995.5 | 0.38245 (05021924) 0.44668 (05021924)
0.56345 (05021924) 0.89380m(05061924) 0.89240
(05122324)
3813920.5 | 0.13025 (05021924) 0.14174 (05120424)
0.17624 (05120424) 0.60815m(05111324) 0.76771
(05122324)
3813845.5 | 0.14133 (05120424) 0.16270 (05120424)
0.18558 (05120424) 0.22386 (05120424) 0.72366
(05010124)
3813770.5 | 0.16434 (05120424) 0.17010 (05120424)
0.17345 (05120424) 0.24896m(05121724) 0.81617
(05112224)
3813695.5 | 0.15926 (05120424) 0.28190m(05121724)
0.38362m(05121724) 0.87357 (05112224) 0.87565
(05112224)
3813620.5 | 0.44193m(05121724) 0.61059 (05112224)
0.89919 (05112224) 0.99891 (05112224) 1.09436
(05112224)
3813545.5 | 0.49698 (05112224) 0.42295 (05112224)
0.91091 (05112224) 0.76864 (05112224) 0.51935
(05112224)
3813470.5 | 0.10302 (05032124) 0.10767 (05032124)
0.61390 (05112224) 0.35020 (05112224) 0.14274
(05123024)
3813395.5 | 0.11247 (05112224) 0.08817 (05020124)
0.21204 (05112224) 0.12032 (05123024) 0.11376
(05020124)
3813320.5 | 0.34275 (05112224) 0.09646 (05123024)
0.09888 (05020124) 0.10202 (05020124) 0.09012
(05020124)
3813245.5 | 0.08706 (05020124) 0.08720 (05020124)
0.08881 (05120324) 0.08366 (05120324) 0.08592
(05020124)
3813170.5 | 0.08566 (05120324) 0.08597 (05120324)
0.07748 (05120324) 0.07116 (05020124) 0.07719
(05020124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 348920.28 348995.28
349070.28 349145.28 349220.28
- -
- -
-

3816095.5 | 0.14773 (05122624) 0.16884 (05122624)
0.11958 (05122624) 0.09712 (05122624) 0.07229
(05111724)
3816020.5 | 0.15199 (05122624) 0.20114 (05122624)
0.15587 (05122624) 0.13109 (05122624) 0.08139
(05011224)
3815945.5 | 0.19334 (05122624) 0.22024 (05122624)
0.17972 (05122624) 0.16846 (05122624) 0.10105
(05122624)
3815870.5 | 0.18797 (05122624) 0.22376 (05122624)
0.22834 (05122624) 0.20624 (05122624) 0.14851
(05122624)
3815795.5 | 0.16919 (05122624) 0.22718 (05122624)
0.25466 (05122624) 0.24244 (05122624) 0.19217
(05122624)
3815720.5 | 0.14874 (05122624) 0.22074 (05122624)
0.26488 (05122624) 0.27123 (05122624) 0.23579
(05122624)
3815645.5 | 0.14103 (05052724) 0.19253 (05122624)
0.26182 (05122624) 0.29184 (05122624) 0.27461
(05122624)
3815570.5 | 0.15412 (05110924) 0.16246 (05052724)

0.24721 (05122624) 0.29735 (05122624) 0.28915
(05122624)
3815495.5 | 0.16890 (05110924) 0.16397 (05110924)
0.21976 (05122624) 0.27920 (05122624) 0.29445
(05122624)
3815420.5 | 0.17703 (05110924) 0.20203 (05110924)
0.24045 (05052724) 0.26571 (05122624) 0.32120
(05122624)
3815345.5 | 0.18193 (05110924) 0.22773 (05110924)
0.23946 (05052724) 0.20735 (05122624) 0.26722
(05122624)
3815270.5 | 0.21518m(05051624) 0.23442 (05110924)
0.28831 (05060924) 0.21422 (05110924) 0.26030
(05122624)
3815195.5 | 0.29415m(05051624) 0.41048m(05051624)
0.26732 (05110924) 0.26432 (05110924) 0.22453
(05122624)
3815120.5 | 0.38325m(05010924) 0.47837m(05051624)
0.36518m(05051624) 0.28571 (05110924) 0.25083
(05110924)
3815045.5 | 0.49887m(05010924) 0.47445m(05010924)
0.30247 (05010424) 0.29584 (05021824) 0.30226
(05110924)
3814970.5 | 0.93941 (05070724) 0.74064 (05071324)
0.53246m(05010924) 0.39511m(05051624) 0.29607
(05021824)
3814895.5 | 1.21866 (05070724) 0.78091 (05070724)
0.46485m(05010924) 0.38787 (05010424) 0.36691
(05010424)
3814820.5 | 1.58516 (05070724) 1.19661 (05070724)
0.72695 (05070724) 0.71482 (05022024)
0.62563m(05010924)
3814745.5 | 1.68337 (05100224) 0.83459 (05022024)
1.20683 (05070724) 1.06303 (05070724) 0.89970
(05022024)
3814670.5 | 1.60377 (05121324) 1.17678 (05063024)
1.62786 (05100224) 2.13913 (05070724) 1.97309
(05070724)
3814595.5 | 0.90990 (05070624) 1.23250 (05070624)
2.35258 (05121324) 2.79795 (05100224) 2.77613
(05063024)
3814520.5 | 1.06909m(05031024) 1.69302m(05031024)
2.87648m(05031024) 2.77961m(05031024)
3.00762m(05031024)
3814445.5 | 2.28501 (05062224) 2.38092 (05062224)
2.64138m(05031024) 3.05933m(05031024)
3.26589m(05031024)
3814370.5 | 1.94130 (05091924) 2.22440 (05062224)
2.50999 (05062224) 2.85676 (05062224)
2.81936m(05031024)
3814295.5 | 1.70852 (05091924) 1.96065 (05091924)
2.26513 (05091924) 2.62712 (05091924) 3.08730

(05091924)
3814220.5 | 1.58159 (05122324) 1.76228 (05122324)
2.00746 (05122324) 2.29899 (05122324) 2.67171
(05122324)
3814145.5 | 1.46196 (05122324) 1.62836 (05122324)
1.83280 (05122324) 2.08324 (05122324) 2.40827
(05122324)
3814070.5 | 1.25219 (05122324) 1.40620 (05122324)
1.55693 (05122324) 1.74793 (05122324) 1.97339
(05122324)
3813995.5 | 0.97820 (05122324) 1.13747 (05122324)
1.26514 (05122324) 1.38108 (05122324) 1.51188
(05122324)
3813920.5 | 0.98718m(05111324) 1.04847m(05111324)
1.06263m(05111324) 1.30967 (05112224) 1.62704
(05112224)
3813845.5 | 0.82142 (05112224) 1.03311 (05112224)
1.04581 (05112224) 1.49423 (05112224) 1.54839
(05112224)
3813770.5 | 0.36178m(05121724) 0.29453m(05121724)
0.69576 (05112224) 0.73370 (05112224) 1.57320
(05112224)
3813695.5 | 0.34027 (05112224) 0.09655 (05020124)
0.14508 (05020124) 0.54599 (05112224) 1.29805
(05112224)
3813620.5 | 0.28202 (05112224) 0.13567 (05020124)
0.15126 (05020124) 0.18289 (05020124) 0.21858
(05020124)
3813545.5 | 0.59839 (05112224) 0.21804 (05123024)
0.15846 (05020124) 0.36100 (05012024) 0.72046
(05010124)
3813470.5 | 0.20645 (05123024) 0.20966 (05082724)
0.14064 (05020124) 0.15623 (05020124) 0.56270
(05010224)
3813395.5 | 0.11019 (05020124) 0.13228 (05062824)
0.12829 (05020124) 0.42563 (05010224) 0.30221
(05010224)
3813320.5 | 0.09417 (05020124) 0.10139 (05020124)
0.14998 (05010224) 0.69061 (05010224) 0.70813
(05010224)
3813245.5 | 0.11013 (05010224) 0.40951 (05010224)
0.39119 (05010224) 0.41945 (05010224) 0.37587
(05020524)
3813170.5 | 0.22234 (05010224) 0.47953 (05010224)
0.62615 (05010224) 0.50970 (05020524) 0.61355
(05010124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349295.28 349370.28
349445.28 349520.28 349595.28
- -
- -
-

3816095.5 | 0.08640 (05111724) 0.12539 (05111724)
0.09473 (05111724) 0.08358 (05041624) 0.09183
(05042124)
3816020.5 | 0.12144 (05111724) 0.13149 (05111724)
0.10388 (05111724) 0.10851 (05091124) 0.10903
(05042124)
3815945.5 | 0.11731 (05111724) 0.13583 (05111724)
0.12648 (05111724) 0.12969 (05091124) 0.15329
(05110924)
3815870.5 | 0.11703 (05011224) 0.13770 (05111724)
0.13781 (05111724) 0.13796 (05091124) 0.16962
(05110924)
3815795.5 | 0.13175 (05011224) 0.13601 (05111724)
0.14551 (05111724) 0.18420 (05091124) 0.18251
(05110924)
3815720.5 | 0.17213 (05122624) 0.13290 (05111724)
0.15166 (05111724) 0.17312 (05091124) 0.14227
(05091124)
3815645.5 | 0.20866 (05122624) 0.13715 (05011224)
0.15404 (05111724) 0.15390 (05091124) 0.13593
(05091124)
3815570.5 | 0.22361 (05122624) 0.15074 (05122624)

0.15241 (05111724) 0.16151 (05111724) 0.14515
(05091124)
3815495.5 | 0.26513 (05122624) 0.19997 (05122624)
0.11334 (05111724) 0.16872 (05111724) 0.15123
(05111724)
3815420.5 | 0.31329 (05122624) 0.25205 (05122624)
0.14997 (05122624) 0.15922 (05111724) 0.15173
(05111724)
3815345.5 | 0.31261 (05122624) 0.23365 (05122624)
0.16934 (05122624) 0.13413 (05111724) 0.14106
(05111724)
3815270.5 | 0.31939 (05122624) 0.26927 (05122624)
0.26457 (05122624) 0.14227 (05122624) 0.17941
(05111724)
3815195.5 | 0.30320 (05122624) 0.32721 (05122624)
0.34514 (05122624) 0.24062 (05122624) 0.19271
(05111724)
3815120.5 | 0.26848 (05122624) 0.37660 (05122624)
0.42786 (05122624) 0.33407 (05122624) 0.21743
(05111724)
3815045.5 | 0.28022 (05110924) 0.39357 (05122624)
0.50498 (05122624) 0.43078 (05122624) 0.26021
(05122624)
3814970.5 | 0.35397 (05110924) 0.40143 (05122624)
0.54107 (05122624) 0.46221 (05122624) 0.34833
(05122624)
3814895.5 | 0.43126 (05021824) 0.49243 (05060924)
0.48305 (05122624) 0.55001 (05122624) 0.49841
(05122624)
3814820.5 | 0.59744m(05050224) 0.65104 (05071524)
0.51356 (05021824) 0.57026 (05122624) 0.63401
(05122624)
3814745.5 | 0.98175 (05022024) 0.81870 (05022024)
0.49644 (05021824) 0.52363 (05122624) 0.69034
(05122624)
3814670.5 | 2.05571 (05070724) 1.14758 (05022024)
0.68190 (05022124) 0.71571 (05021824) 0.97887
(05122624)
3814595.5 | 3.23810 (05070724) 2.24504 (05070724)
1.36430 (05022024) 1.11129 (05022024) 1.52955
(05100824)
3814520.5 | 3.59207 (05063024) 3.83893 (05063024)
1.61541 (05022024) 1.45878 (05022024) 2.97161
(05071924)
3814445.5 | 3.96511m(05031024) 2.01980 (05063024)
1.73718 (05070724) 1.92435 (05022024)
5.77647m(05030724)
3814370.5 | 1.98254m(05031024) 2.68562m(05031024)
2.72250m(05031024) 3.97138 (05063024) 7.60370
(05063024)
3814295.5 | 3.27705 (05062224) 4.00540 (05062224)
2.85322m(05031024) 6.72372m(05031024)

8.43633m(05031024)
3814220.5 | 3.19875 (05122324) 3.84666 (05122324) 4.03410 (05122324) 5.46429 (05122324) 7.82435 (05091924)
3814145.5 | 2.81634 (05122324) 3.41448 (05122324) 4.38949 (05122324) 5.61252 (05122324) 7.35402 (05122324)
3814070.5 | 2.25943 (05122324) 2.62537 (05122324) 3.13625 (05122324) 3.98633 (05123024) 5.49523 (05123024)
3813995.5 | 1.67414 (05112224) 2.14950 (05112224) 2.71246 (05112224) 3.41356 (05112224) 4.21333 (05112224)
3813920.5 | 1.97690 (05112224) 2.31185 (05112224) 2.68581 (05112224) 2.99596 (05112224) 3.18236 (05112224)
3813845.5 | 2.04655 (05112224) 2.19416 (05112224) 2.23864 (05112224) 2.36122 (05012624) 2.47700 (05012624)
3813770.5 | 1.77676 (05112224) 2.00456 (05012624) 2.23644 (05012624) 2.00687 (05012624) 1.89926 (05010124)
3813695.5 | 1.27406 (05112224) 1.88309 (05012624) 1.98702 (05012624) 1.51083 (05012624) 1.58188 (05010124)
3813620.5 | 1.15641 (05010124) 1.30560 (05010124) 1.30725 (05010124) 1.26855 (05010124) 1.39330 (05122324)
3813545.5 | 0.82872 (05010224) 0.27323 (05010224) 0.59252 (05020524) 1.01613 (05010124) 1.29027 (05122324)
3813470.5 | 0.45648 (05010224) 0.12666 (05020124) 0.22473 (05021024) 1.18146 (05010124) 1.20794 (05122324)
3813395.5 | 0.74590 (05010224) 0.66931 (05020524) 0.15273 (05062824) 0.62553 (05122324) 1.12323 (05010124)
3813320.5 | 0.78733 (05010124) 0.83820 (05010124) 0.72224 (05122324) 0.91767 (05010124) 0.87071 (05122324)
3813245.5 | 0.66111 (05021024) 0.69870 (05122324) 0.79530 (05010124) 0.86459 (05122324) 0.87121 (05012124)
3813170.5 | 0.63955 (05010124) 0.70656 (05122324) 0.73019 (05122324) 0.76890 (05122324) 0.73978 (05012124)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 349670.28 349745.28
349820.28 349895.28 349970.28
- -
- -
-

3816095.5 | 0.09900 (05042124) 0.11396 (05102424)
0.10963 (05061124) 0.10812 (05081024) 0.10835
(05022524)
3816020.5 | 0.10475 (05081224) 0.14050 (05081224)
0.15837 (05061124) 0.15169 (05061124) 0.11582
(05081324)
3815945.5 | 0.15975 (05081224) 0.17405 (05081224)
0.20014 (05061124) 0.18611 (05061124) 0.21364
(05102324)
3815870.5 | 0.23538 (05081224) 0.23942 (05081224)
0.25239 (05061124) 0.22044 (05061124) 0.33754
(05102324)
3815795.5 | 0.25024 (05081224) 0.27110 (05081224)
0.29342 (05061124) 0.30676 (05102324) 0.48552
(05102324)
3815720.5 | 0.16171 (05081224) 0.29380 (05081224)
0.31984 (05061124) 0.37321 (05102324) 0.42568
(05102324)
3815645.5 | 0.23210 (05081224) 0.31873 (05081224)
0.28931 (05061124) 0.25360 (05061124) 0.45404
(05102324)
3815570.5 | 0.21305 (05081224) 0.23843 (05081224)

0.23220 (05061124) 0.26141 (05061124) 0.28663
(05102324)
3815495.5 | 0.15665 (05081224) 0.14196 (05081224)
0.19975 (05061124) 0.23904 (05061124) 0.20576
(05081324)
3815420.5 | 0.12859 (05091124) 0.16482 (05081224)
0.19075 (05061124) 0.18792 (05061124) 0.18885
(05081324)
3815345.5 | 0.11987 (05111724) 0.15492 (05081224)
0.16068 (05081224) 0.15794 (05061124) 0.16987
(05081324)
3815270.5 | 0.13922 (05111724) 0.15612 (05081224)
0.14899 (05081224) 0.15362 (05061524) 0.17606
(05061524)
3815195.5 | 0.17821 (05111724) 0.18667 (05081224)
0.18465 (05081224) 0.17779 (05061524) 0.22381
(05061524)
3815120.5 | 0.18012 (05111724) 0.21405 (05081224)
0.21879 (05081224) 0.20737 (05061524) 0.26766
(05061524)
3815045.5 | 0.24164 (05111724) 0.22573 (05081224)
0.29471 (05061124) 0.26045 (05061524) 0.32348
(05061524)
3814970.5 | 0.28421 (05111724) 0.25109 (05081224)
0.34593 (05061124) 0.33627 (05061524) 0.37666
(05061524)
3814895.5 | 0.37646m(05092424) 0.28755 (05081224)
0.41737 (05061124) 0.43802 (05061124) 0.39257
(05061524)
3814820.5 | 0.56346 (05122624) 0.38663 (05091124)
0.54528 (05061124) 0.49434 (05061524) 0.41573
(05061524)
3814745.5 | 0.74852 (05122624) 0.50333 (05041824)
0.75768 (05061124) 0.61817 (05061524) 0.60954
(05061524)
3814670.5 | 0.96453 (05122624) 0.87904m(05092424)
1.06345 (05061124) 0.95085 (05061524) 0.96258
(05061524)
3814595.5 | 1.88864 (05100824) 1.53428m(05092424)
1.47070 (05061124) 1.30347 (05061524) 1.23711
(05061524)
3814520.5 | 2.86151 (05100824) 3.34573m(05121724)
1.59576 (05061124) 1.12566 (05061524) 1.11753
(05061524)
3814445.5 | 7.40095m(05091224) 5.45610 (05100824)
2.60630m(05092424) 2.08682 (05061524) 1.53084
(05061524)
3814370.5 | 10.47108m(05030724) 3.91617 (05022024)
2.37504 (05052924) 3.04031 (05061524) 3.00778
(05102224)
3814295.5 | 7.02388 (05063024) 3.50291 (05022024)
1.44870 (05052924) 2.17104 (05102224) 1.30302

(05102224)
3814220.5 | 3.55845 (05071424) 1.09857 (05071024)
1.31810 (05052924) 2.42287 (05102224) 1.18374
(05102224)
3814145.5 | 8.75584 (05122324) 1.19508 (05070424)
1.79819 (05030824) 1.42212 (05111424) 1.12059
(05111424)
3814070.5 | 8.10307 (05122324) 12.11775 (05010124)
8.50937 (05011824) 3.74953 (05122024) 1.01504
(05112124)
3813995.5 | 5.16284 (05112224) 6.40524 (05010124)
13.19908 (05011824) 11.39461 (05010124) 11.85411
(05122024)
3813920.5 | 3.50386 (05010124) 4.35911 (05010124)
6.97235 (05011824) 11.41342 (05011824) 12.80618
(05122024)
3813845.5 | 2.72329 (05010124) 3.16416 (05010124)
4.58272 (05011824) 6.54304 (05011824) 8.05108
(05011824)
3813770.5 | 2.15609 (05010124) 2.40274 (05010124)
3.41430 (05011824) 4.47891 (05011824) 5.31759
(05011824)
3813695.5 | 1.74364 (05010124) 1.96036 (05011824)
2.70209 (05011824) 3.37641 (05011824) 3.83918
(05011824)
3813620.5 | 1.43836 (05010124) 1.69570 (05011824)
2.21110 (05011824) 2.64717 (05011824) 2.95538
(05011824)
3813545.5 | 1.22768 (05012124) 1.54878 (05011824)
1.87447 (05011824) 2.15598 (05011824) 2.35933
(05011824)
3813470.5 | 1.16232 (05012124) 1.50394 (05011824)
1.67917 (05011824) 1.80776 (05011824) 1.94566
(05011824)
3813395.5 | 1.17554 (05010124) 1.41403 (05011824)
1.52914 (05011824) 1.56275 (05011824) 1.66047
(05011824)
3813320.5 | 0.47691 (05120424) 1.06288 (05120424)
1.46089 (05011824) 1.50089 (05011824) 1.56323
(05011824)
3813245.5 | 0.97172 (05012124) 0.71556 (05120424)
0.94366 (05011824) 1.27565 (05011824) 1.43701
(05011824)
3813170.5 | 0.86796 (05011824) 0.96869 (05011824)
0.98849 (05011824) 0.85929 (05011824) 1.24164
(05011824)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350045.28 350120.28
350195.28 350270.28 350345.28
- -
- -
-

3816095.5 | 0.16585 (05081324) 0.15843m(05030724)
0.20283 (05031224) 0.12183 (05061524) 0.12431
(05061524)
3816020.5 | 0.16755 (05081324) 0.25713 (05031224)
0.32099 (05031224) 0.31738 (05031224) 0.26094
(05020724)
3815945.5 | 0.19323 (05081324) 0.38830 (05031224)
0.44159 (05031224) 0.48369 (05031224) 0.71580
(05020724)
3815870.5 | 0.35546 (05102324) 0.48746 (05031224)
0.65569 (05031224) 0.68631 (05031224) 1.03068
(05020724)
3815795.5 | 0.67978 (05102324) 0.83728 (05031224)
0.92151 (05031224) 0.87555 (05031224) 1.04237
(05020724)
3815720.5 | 0.53942 (05102324) 1.02386 (05031224)
1.18404 (05031224) 1.08957 (05020724) 1.12170
(05020724)
3815645.5 | 0.67427 (05102324) 1.04492 (05031224)
1.18587 (05031224) 1.22814 (05020724) 1.10725
(05020724)
3815570.5 | 0.55189 (05102324) 0.75309 (05031224)

0.63447 (05031224) 1.19787 (05020724) 1.06449
(05020724)
3815495.5 | 0.23916 (05081324) 0.42053 (05031224)
0.27997 (05061524) 0.46331 (05061524)
0.70660m(05050524)
3815420.5 | 0.22874 (05061524) 0.26691 (05061524)
0.22525 (05061524) 0.38942 (05061524)
0.46904m(05050524)
3815345.5 | 0.21737 (05061524) 0.21758 (05061524)
0.19371 (05061524) 0.22998 (05061524)
0.34258m(05050524)
3815270.5 | 0.19311 (05061524) 0.17781 (05061524)
0.22895 (05061524) 0.26231 (05061524)
0.27537m(05050524)
3815195.5 | 0.23187 (05061524) 0.17293 (05060524)
0.16884 (05061524) 0.19401 (05061524) 0.19057
(05102224)
3815120.5 | 0.25835 (05061524) 0.19360 (05061524)
0.20943 (05061524) 0.14822 (05102224) 0.19059
(05102224)
3815045.5 | 0.29017 (05061524) 0.22435 (05061524)
0.19332 (05061524) 0.22033 (05102224) 0.24879
(05102224)
3814970.5 | 0.35013 (05061524) 0.21245 (05061624)
0.21897 (05061524) 0.23817 (05102224) 0.30654
(05110224)
3814895.5 | 0.26397 (05060524) 0.21832 (05061624)
0.22625 (05102224) 0.30885 (05102224) 0.35511
(05110224)
3814820.5 | 0.32652 (05061524) 0.27517 (05061624)
0.29527 (05102224) 0.35248 (05110224) 0.36534
(05110224)
3814745.5 | 0.52489 (05061524) 0.38832 (05061524)
0.35082 (05102224) 0.38747 (05110224) 0.32522
(05110224)
3814670.5 | 0.76179 (05061524) 0.53904 (05102224)
0.48898 (05102224) 0.36976 (05110224) 0.35869
(05101424)
3814595.5 | 0.89209 (05061524) 0.65203 (05102224)
0.48998 (05102224) 0.41487 (05101424) 0.40602
(05101424)
3814520.5 | 0.77723 (05102224) 0.67295 (05102224)
0.52453 (05101424) 0.43620 (05101424) 0.39110
(05120324)
3814445.5 | 1.32669 (05102224) 0.68411 (05101424)
0.57442 (05101424) 0.54760 (05111424) 0.68217
(05111424)
3814370.5 | 1.70416 (05060524) 1.04302 (05060524)
0.88170 (05111424) 0.96654 (05111424) 1.21930
(05111424)
3814295.5 | 2.37891 (05060524) 1.43721 (05111424)
1.09484 (05111424) 1.18557 (05111424) 2.38740

(05101824)
3814220.5 | 4.49954 (05101824) 1.74386 (05112324)
1.24717 (05112324) 0.97085 (05112324) 3.03634
(05021424)
3814145.5 | 10.23880 (05021424) 10.49420 (05021424)
1.57646 (05011124) 1.92660 (05021424) 1.35161
(05011124)
3814070.5 | 5.35328 (05112124) 12.59476 (05011324)
1.93224 (05011124) 1.67099 (05011124) 1.55861
(05021424)
3813995.5 | 20.70666 (05112024) 12.11255 (05112024)
9.33201 (05111824) 8.28674 (05103124) 1.20501
(05120824)
3813920.5 | 16.19028 (05112024) 14.74317 (05112024)
12.07139 (05112024) 1.55482 (05020924) 1.38178
(05103124)
3813845.5 | 11.13341 (05122024) 12.07756 (05112024)
9.02303 (05112024) 7.08277 (05112024) 8.81890
(05111824)
3813770.5 | 6.96210 (05122024) 9.13337 (05122024)
8.47507 (05122024) 9.13987 (05112024) 7.32170
(05112024)
3813695.5 | 4.92836 (05013124) 7.04828 (05122024)
6.86798 (05122024) 6.97178 (05112024) 7.03717
(05112024)
3813620.5 | 3.54501 (05013124) 4.33664 (05122024)
5.32471 (05122024) 5.51569 (05122024) 5.60973
(05112024)
3813545.5 | 2.61629 (05013124) 3.30927 (05013124)
4.04013 (05122024) 4.50966 (05122024) 4.25290
(05122024)
3813470.5 | 2.02476 (05011824) 2.62973 (05013124)
3.06094 (05122024) 3.69196 (05122024) 3.80197
(05122024)
3813395.5 | 1.72421 (05011824) 2.08900 (05013124)
2.52037 (05013124) 2.95699 (05122024) 3.30264
(05122024)
3813320.5 | 1.50730 (05011824) 1.66128 (05013124)
2.08714 (05013124) 2.31593 (05122024) 2.77554
(05122024)
3813245.5 | 1.42113 (05011824) 1.41000 (05013124)
1.72366 (05013124) 1.98349 (05013124) 2.27824
(05122024)
3813170.5 | 1.36832 (05011824) 1.26175 (05011824)
1.45274 (05013124) 1.71081 (05013124) 1.84006
(05122024)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350420.28 350495.28
350570.28 350645.28 350720.28
- -
- -
-

3816095.5 | 0.26079 (05020724) 0.15335m(05050524)
0.17837m(05050524) 0.09331 (05061524) 0.15766
(05012624)
3816020.5 | 0.26711 (05020724) 0.33965 (05060224)
0.30869m(05050524) 0.23497 (05012624) 0.28061
(05102224)
3815945.5 | 0.83266 (05020724) 0.52700 (05060224)
0.59305 (05102824) 0.47555 (05012624) 0.79532
(05081524)
3815870.5 | 0.94867 (05020724) 0.83888 (05102824)
0.84493 (05102824) 0.66393 (05081524) 0.85440
(05102824)
3815795.5 | 0.90600 (05020724) 0.90050 (05102824)
0.82245 (05102824) 0.88521 (05102824) 1.02006
(05102824)
3815720.5 | 0.92708 (05102824) 1.26507 (05102824)
1.28758 (05102824) 0.76230 (05102824) 1.15474
(05102824)
3815645.5 | 1.14388 (05102824) 1.50785 (05102824)
1.61982 (05102824) 1.42640 (05102824) 1.19751
(05102824)
3815570.5 | 0.98252 (05102824) 1.33179 (05102824)

1.63674 (05102824) 1.30141 (05102824) 1.13903
(05092124)
3815495.5 | 0.36680m(05050524) 0.86109 (05081524)
1.06108 (05102224) 1.03584 (05010124) 1.10771
(05092124)
3815420.5 | 0.66363m(05050524) 1.06236 (05102224)
1.10975 (05102224) 1.07272 (05120724) 1.18176
(05061824)
3815345.5 | 0.54245 (05102224) 0.68796 (05102224)
0.75031 (05102224) 1.33415 (05120724) 0.90710
(05120724)
3815270.5 | 0.29716 (05102224) 0.22695 (05110224)
0.31057 (05102224) 0.56698 (05120724) 0.25307
(05110224)
3815195.5 | 0.20972 (05102224) 0.28165 (05110224)
0.31350 (05110224) 0.27992 (05110224) 0.20981
(05102224)
3815120.5 | 0.26395 (05110224) 0.32040 (05110224)
0.30617 (05110224) 0.23406 (05110224) 0.18818
(05101424)
3815045.5 | 0.31838 (05110224) 0.32951 (05110224)
0.26704 (05110224) 0.19737 (05101424) 0.19078
(05101424)
3814970.5 | 0.34670 (05110224) 0.30173 (05110224)
0.22145 (05101424) 0.21301 (05101424) 0.18123
(05101424)
3814895.5 | 0.33541 (05110224) 0.26432 (05102224)
0.24408 (05101424) 0.25577 (05120324) 0.26869
(05120324)
3814820.5 | 0.28608 (05101424) 0.30151 (05102224)
0.37496 (05120324) 0.57650 (05120324) 1.02236
(05120224)
3814745.5 | 0.29172 (05101424) 0.27202 (05101424)
0.21943 (05101424) 0.23095 (05120324) 0.22440
(05120324)
3814670.5 | 0.33212 (05101424) 0.25329 (05101424)
0.24049 (05103124) 0.42689 (05120324) 0.65073
(05120324)
3814595.5 | 0.40659 (05120324) 0.57928 (05120324)
0.39399 (05111424) 0.65741 (05111424) 3.05872
(05102824)
3814520.5 | 1.02786 (05120324) 1.75166 (05102824)
2.06025 (05102824) 0.97989 (05102824) 2.83746
(05102824)
3814445.5 | 0.75353 (05111424) 1.00749 (05111424)
3.15487 (05102824) 2.47657 (05102824) 3.20657
(05102824)
3814370.5 | 1.08634 (05111424) 0.65751 (05111424)
0.71144 (05111424) 2.55520 (05110224) 1.68723
(05121824)
3814295.5 | 4.77207 (05102924) 3.31394 (05110224)
2.01990 (05101824) 2.27152 (05101824) 1.99443

(05101824)
3814220.5 | 5.10998 (05021424) 5.92431 (05021424)
5.03099 (05021424) 3.61684 (05021424) 0.88673
(05010524)
3814145.5 | 7.91439 (05021424) 8.29783 (05021424)
6.75314 (05021424) 5.00411 (05021424) 5.48566
(05021424)
3814070.5 | 9.73709m(05103024) 8.62507m(05103024)
6.58847 (05021424) 6.19097 (05021424) 5.77233
(05021424)
3813995.5 | 9.38080m(05103024) 8.53759m(05103024)
7.19398m(05103024) 5.47610m(05103024) 4.52429
(05021424)
3813920.5 | 5.29303 (05103124) 4.34574 (05103124)
6.62404m(05103024) 5.70554m(05103024)
4.57197m(05103024)
3813845.5 | 4.37316 (05103124) 6.27480 (05103124)
5.31654 (05103124) 3.45909 (05103124)
5.20657m(05103024)
3813770.5 | 7.35565 (05111824) 6.60211 (05120524)
5.82775 (05103124) 5.43029 (05103124) 4.96638
(05103124)
3813695.5 | 5.99306 (05112024) 5.62290 (05111824)
4.14405 (05120524) 4.78926 (05103124) 4.63919
(05103124)
3813620.5 | 5.04260 (05112024) 4.90186 (05112024)
4.65864 (05112024) 4.57509 (05120524) 3.96756
(05120524)
3813545.5 | 4.18851 (05120624) 4.42521 (05112024)
3.90915 (05112024) 3.78580 (05112024) 3.45365
(05120524)
3813470.5 | 3.47951 (05122024) 3.49994 (05120624)
3.77559 (05012324) 3.59170 (05112024) 3.18730
(05112024)
3813395.5 | 3.23076 (05122024) 2.98004 (05120624)
3.12682 (05120624) 3.44318 (05012324) 3.04294
(05011524)
3813320.5 | 2.92640 (05122024) 2.75480 (05122024)
2.67748 (05120624) 3.03193 (05120624) 2.60514
(05012324)
3813245.5 | 2.57185 (05122024) 2.58234 (05122024)
2.34490 (05122024) 2.37358 (05120624) 2.74254
(05120624)
3813170.5 | 2.19374 (05122024) 2.34887 (05122024)
2.26028 (05122024) 2.04010 (05120624) 2.25217
(05120624)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** NETWORK ID: UCART1 ;
NETWORK TYPE: GRIDCART ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

Y-COORD | X-
COORD (METERS)
(METERS) | 350795.28 350870.28
350945.28 351020.28 351095.28
- -
- -
-

3816095.5 | 0.65867 (05081524) 0.39408 (05102224)
0.24896 (05102224) 0.21491 (05102224) 0.53454
(05120724)
3816020.5 | 0.49218 (05102224) 0.73145 (05102224)
0.34530 (05102224) 0.71452 (05120724) 0.82814
(05120724)
3815945.5 | 0.72418 (05102224) 0.62443 (05010124)
0.65375 (05120724) 0.87055 (05120724) 0.78564
(05121224)
3815870.5 | 0.81266 (05102224) 0.69607 (05010124)
0.91067 (05120724) 0.83187 (05121224) 0.81426
(05061824)
3815795.5 | 0.98267 (05092124) 0.82336 (05092124)
0.86602 (05121224) 0.77160 (05061824) 0.78324
(05061824)
3815720.5 | 1.02695 (05092124) 0.90193 (05061824)
0.92493 (05121224) 0.85202 (05061824) 0.74086
(05061824)
3815645.5 | 0.99954 (05092124) 0.97562 (05121224)
0.95472 (05061824) 0.79569 (05061824) 0.71115
(05051224)
3815570.5 | 0.98596 (05121224) 0.94636 (05061824)

0.88897 (05061824) 0.79756 (05051224)
0.81586m(05042524)
3815495.5 | 1.11919 (05121224) 0.96754 (05061824)
0.83916 (05051224) 0.79626 (05051224)
0.80238m(05042524)
3815420.5 | 1.16354 (05121224) 0.97361 (05121224)
0.87804 (05051224) 0.84642m(05042524) 0.97257
(05062024)
3815345.5 | 1.14534 (05051224) 1.02148 (05051224)
1.06765 (05062024) 1.12288 (05062024) 1.17104
(05062024)
3815270.5 | 1.07918 (05051224) 1.14500m(05042524)
0.96909m(05042524) 1.56164 (05062024) 1.33058
(05062024)
3815195.5 | 0.70146 (05102724) 0.97476 (05102724)
1.12023 (05102724) 1.07758 (05062024) 1.67709
(05062024)
3815120.5 | 0.25837 (05102224) 0.29869 (05102724)
0.29458 (05120324) 0.36530 (05120324) 0.97414
(05120224)
3815045.5 | 0.17390 (05120324) 0.23850 (05120324)
0.34858 (05120324) 0.94136 (05062024)
0.89383m(05031424)
3814970.5 | 0.28123 (05120324) 0.26718 (05120324)
0.21893 (05120324) 0.32534 (05120324) 0.80024
(05120324)
3814895.5 | 0.46591 (05120324) 0.84101 (05120324)
0.40197 (05120324) 0.69618 (05120324) 1.22482
(05102824)
3814820.5 | 1.25833 (05120324) 1.64932 (05102824)
1.14840 (05102824) 0.91186 (05102824) 2.05682
(05102824)
3814745.5 | 1.08553 (05120324) 2.37158 (05102824)
1.99411 (05102824) 2.16802 (05102824) 1.30634
(05102824)
3814670.5 | 0.58283 (05111424) 2.42022 (05102824)
2.20658 (05102824) 1.96260 (05102824) 2.06000
(05102824)
3814595.5 | 2.44427 (05102824) 2.28473 (05102824)
2.12835 (05102824) 1.78050 (05110224) 2.05976
(05102824)
3814520.5 | 3.19031 (05102824) 2.70544 (05102824)
2.38316 (05102824) 2.28020 (05010124) 1.57064
(05110224)
3814445.5 | 2.68319 (05110224) 1.77642 (05110224)
2.49568 (05010124) 1.96699 (05110224) 2.16570
(05110224)
3814370.5 | 3.24875 (05110224) 3.10923 (05012724)
2.94193 (05012724) 2.22780 (05012724) 2.26059
(05012724)
3814295.5 | 3.31790 (05110224) 3.38368 (05110224)
2.53772 (05110224) 2.31488 (05012724) 2.21076

(05012724)
3814220.5 | 1.52391 (05010524) 3.55576 (05110224)
3.04597 (05110224) 2.31661 (05110224) 2.09732
(05110224)
3814145.5 | 3.79869 (05021424) 3.93528 (05021424)
3.47039 (05021424) 3.28649 (05021424) 2.44853
(05021424)
3814070.5 | 5.21823 (05021424) 4.87076 (05021424)
3.67062 (05021424) 3.93788 (05021424) 2.99137
(05021424)
3813995.5 | 4.52976 (05021424) 3.89554 (05021424)
3.62795 (05021424) 3.71923 (05021424) 3.32034
(05021424)
3813920.5 | 3.87270m(05103024) 3.33572m(05103024)
2.98343 (05021424) 2.86337 (05021424) 2.74610
(05021424)
3813845.5 | 4.37274m(05103024) 3.57097m(05103024)
3.12280m(05103024) 2.71147m(05103024)
2.37453m(05103024)
3813770.5 | 4.49629m(05103024) 4.19133m(05103024)
3.62513m(05103024) 2.92089m(05103024)
2.57751m(05103024)
3813695.5 | 3.50858 (05103124) 3.27026m(05103024)
3.10648m(05103024) 2.87125m(05103024)
2.65151m(05103024)
3813620.5 | 3.15554 (05103124) 2.90550 (05103124)
2.64600m(05103024) 2.61470m(05103024)
2.52631m(05103024)
3813545.5 | 2.86262 (05120524) 2.66670 (05103124)
2.54599 (05103124) 2.37468 (05103124)
2.20626m(05103024)
3813470.5 | 2.65840 (05120524) 2.44002 (05120524)
2.31850 (05120524) 2.23378 (05103124) 2.13036
(05103124)
3813395.5 | 2.47430 (05112024) 2.20785 (05112224)
2.11452 (05120524) 2.04137 (05120524) 1.96159
(05103124)
3813320.5 | 2.27416 (05112024) 2.08584 (05112224)
1.98390 (05112224) 1.84739 (05120524) 1.80460
(05120524)
3813245.5 | 2.17563 (05012324) 1.85748 (05112024)
1.85582 (05112224) 1.79270 (05112224) 1.66189
(05112224)
3813170.5 | 2.14745 (05012324) 1.90629 (05012324)
1.65390 (05012324) 1.66353 (05112224) 1.62904
(05112224)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1
, VOL2 , VOL3 , AREA1 ,

*** DISCRETE
CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
350508.88	3814829.88	0.32370	(05102224)
350283.70	3815266.49	0.26346	(05061524)
350539.82	3814604.70	0.32431	(05111424)
350467.63	3814245.45	4.58334	(05021424)
350008.68	3813941.20	17.63400	(05122024)
350147.91	3813936.04	15.68204	(05112024)
350557.01	3814453.44	3.24925	(05102824)
349200.78	3815251.02	0.23033	(05122624)
349173.28	3815257.89	0.19789	(05110924)
348862.58	3814174.11	1.40730	(05122324)
348862.58	3815183.55	0.28845	(05010424)
350494.71	3815179.68	0.29121	(05110224)
350486.97	3814363.62	0.65765	(05111424)
350216.24	3814363.62	0.93105	(05111424)
350216.24	3814193.45	1.18689	(05112324)
349991.92	3813969.12	16.62552	(05122024)
349794.67	3813961.39	7.71895	(05011824)
349597.42	3814065.81	5.43814	(05123024)
349121.71	3814085.15	1.75051	(05122324)

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY OF
MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL 1ST HIGHEST VALUE IS 4.83947 AT (350045.28,
3813995.46, 379.10, 524.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 4.23632 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 4.00268 AT (350120.28,
3814070.46, 390.30, 520.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 3.67726 AT (349820.28,
3814070.46, 376.60, 524.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 3.66685 AT (349745.28,
3814070.46, 386.70, 524.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 3.59681 AT (349595.28,
3814295.46, 383.90, 524.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 3.53444 AT (350008.68,
3813941.20, 374.50, 524.00, 0.00) DC
8TH HIGHEST VALUE IS 3.53156 AT (349991.92,
3813969.12, 381.07, 520.00, 0.00) DC
9TH HIGHEST VALUE IS 3.42565 AT (349595.28,
3814370.46, 386.90, 524.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 3.23840 AT (349670.28,
3814145.46, 390.60, 524.00, 0.00) GC UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

**MODELOPTs: RegDFAULT CONC
ELEV

*** THE SUMMARY
OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_2.5 IN
MICROGRAMS/M**3 **

DATE
NETWORK
GROUP ID AVERAGE CONC (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL HIGH 1ST HIGH VALUE IS 20.70666 ON 05112024: AT
(350045.28, 3813995.46, 379.10, 524.00, 0.00) GC
UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

```
 *** AERMOD - VERSION  12345 ***   ***
C:\AERMOD\LosValles\LosVallesNOx\LosVallesCO\LosVallesPM10\LosVal
les ***        06/19/14
                                   ***
***        14:30:47

PAGE  37
 **MODELOPTs:  RegDFAULT CONC
ELEV


 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          204 Informational Message(s)

 A Total of         8760 Hours Were Processed

 A Total of            0 Calm Hours Identified

 A Total of          204 Missing Hours Identified (  2.33
Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      45  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS
 SO W320      46  VPARM:Input Parameter May Be Out-of-Range for
Parameter            QS

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
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