LOS VALLES PROJECT

Draft Environmental Impact Report

Volume VI – 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 5.2-4

CalEEMod Output – Increased Density Alternative

Los Valles Increased Density Alt

South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	457.00	Dwelling Unit	148.38	822,600.00	1307
Condo/Townhouse	160.00	Dwelling Unit	10.00	160,000.00	458

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2014
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 - 457 single family homes, 160 townhomes

Construction Phase - grading 10/15-5/16 trenching 5/16-8/16 building/paving/coating 9/16-10/21

Trips and VMT - 0.25 mile hauling length

Grading - 4.5 million cubic yards imported and exported, 300 acres disturbed

Woodstoves - No fire places

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

Area Mitigation - No hearths

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	220.00	1,327.00
tblConstructionPhase	NumDays	3,100.00	1,066.00
tblConstructionPhase	NumDays	310.00	174.00
tblConstructionPhase	NumDays	220.00	1,327.00
tblConstructionPhase	PhaseEndDate	11/3/2026	10/1/2021
tblConstructionPhase	PhaseEndDate	10/1/2020	10/1/2021
tblConstructionPhase	PhaseEndDate	11/3/2026	10/1/2021
tblConstructionPhase	PhaseStartDate	10/2/2021	9/1/2016
tblConstructionPhase	PhaseStartDate	10/2/2021	9/1/2016
tblGrading	AcresOfGrading	775.00	300.00
tblGrading	MaterialExported	0.00	4.50
tblGrading	MaterialImported	0.00	4.50
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25

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	43.0296	203.7389	662.5398	0.2065	15.2664	4.5005	19.7668	6.8063	4.1355	10.9418	0.0000	20,200.1081	20,200.1081	2.2448	0.0000	20,247.2498
2016	37.9177	190.1040	617.5931	0.2055	14.4389	4.0902	18.5291	6.6032	3.7598	10.3630	0.0000	19,955.8001	19,955.8001	2.2250	0.0000	20,002.5257
2017	14.3755	58.3630	76.1941	0.1513	6.8977	3.2523	10.1500	1.8399	3.0404	4.8802	0.0000	13,558.1371	13,558.1371	1.7116	0.0000	13,594.0804
2018	13.3617	51.1013	71.9169	0.1513	6.8977	2.7353	9.6330	1.8399	2.5588	4.3986	0.0000	13,219.3007	13,219.3007	1.6746	0.0000	13,254.4673
2019	12.6415	45.7231	68.6169	0.1510	6.8978	2.3689	9.2667	1.8399	2.2161	4.0560	0.0000	12,880.8345	12,880.8345	1.6415	0.0000	12,915.3059
2020	12.1409	41.6461	66.1400	0.1510	6.8978	2.1000	8.9978	1.8399	1.9639	3.8038	0.0000	12,510.2310	12,510.2310	1.6160	0.0000	12,544.1669
2021	11.6933	37.7296	64.1217	0.1512	6.8978	1.8435	8.7413	1.8399	1.7233	3.5632	0.0000	12,420.4855	12,420.4855	1.5954	0.0000	12,453.9880
Total	**145.1602**	**628.4060**	**1,627.1225**	**1.1679**	**64.1941**	**20.8907**	**85.0848**	**22.6089**	**19.3977**	**42.0066**	**0.0000**	**104,744.8970**	**104,744.8970**	**12.7089**	**0.0000**	**105,011.7838**

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	43.0296	203.7389	662.5398	0.2065	7.6063	4.5005	12.1068	3.0884	4.1355	7.2239	0.0000	20,200.1081	20,200.1081	2.2448	0.0000	20,247.2498
2016	37.9177	190.1040	617.5931	0.2055	6.8975	4.0902	10.8691	2.8853	3.7598	6.6451	0.0000	19,955.8001	19,955.8001	2.2250	0.0000	20,002.5257
2017	14.3755	58.3630	76.1941	0.1513	6.8977	3.2523	10.1500	1.8399	3.0404	4.8802	0.0000	13,558.1371	13,558.1371	1.7116	0.0000	13,594.0804
2018	13.3617	51.1013	71.9169	0.1513	6.8977	2.7353	9.6330	1.8399	2.5588	4.3986	0.0000	13,219.3007	13,219.3007	1.6746	0.0000	13,254.4673
2019	12.6415	45.7231	68.6169	0.1510	6.8978	2.3689	9.2667	1.8399	2.2161	4.0560	0.0000	12,880.8345	12,880.8345	1.6415	0.0000	12,915.3059
2020	12.1409	41.6461	66.1400	0.1510	6.8978	2.1000	8.9978	1.8399	1.9639	3.8038	0.0000	12,510.2310	12,510.2310	1.6160	0.0000	12,544.1669
2021	11.6933	37.7296	64.1217	0.1512	6.8978	1.8435	8.7413	1.8399	1.7233	3.5632	0.0000	12,420.4854	12,420.4854	1.5954	0.0000	12,453.9879
Total	**145.1602**	**628.4060**	**1,627.1225**	**1.1679**	**48.9927**	**20.8907**	**69.7647**	**15.1730**	**19.3977**	**34.5707**	**0.0000**	**104,744.8969**	**104,744.8969**	**12.7089**	**0.0000**	**105,011.7838**

	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**	**23.68**	**0.00**	**18.01**	**32.89**	**0.00**	**17.70**	**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	233.5795	5.9501	455.2655	0.6440		61.5403	61.5403		61.5307	61.5307	7,512.2686	14,527.6568	22,039.9253	22.5008	0.5099	22,670.5040
Energy	0.5030	4.2987	1.8292	0.0274		0.3476	0.3476		0.3476	0.3476		5,487.6584	5,487.6584	0.1052	0.1006	5,521.0554
Mobile	26.0567	75.5485	311.6462	0.6169	41.6527	1.2043	42.8570	11.1264	1.1058	12.2321		57,159.9181	57,159.9181	2.5367		57,213.1882
Total	**260.1393**	**85.7973**	**768.7409**	**1.2884**	**41.6527**	**63.0922**	**104.7449**	**11.1264**	**62.9840**	**74.1104**	**7,512.2686**	**77,175.2332**	**84,687.5018**	**25.1426**	**0.6105**	**85,404.7476**

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	23.4266	0.6181	52.1467	2.6900e-003		0.2769	0.2769		0.2769	0.2769	0.0000	91.6568	91.6568	0.0977	0.0000	93.7090
Energy	0.5030	4.2987	1.8292	0.0274		0.3476	0.3476		0.3476	0.3476		5,487.6584	5,487.6584	0.1052	0.1006	5,521.0554
Mobile	26.0567	75.5485	311.6462	0.6169	41.6527	1.2043	42.8570	11.1264	1.1058	12.2321		57,159.9181	57,159.9181	2.5367		57,213.1882
Total	**49.9864**	**80.4653**	**365.6222**	**0.6470**	**41.6527**	**1.8288**	**43.4814**	**11.1264**	**1.7302**	**12.8566**	**0.0000**	**62,739.2332**	**62,739.2332**	**2.7396**	**0.1006**	**62,827.9526**

	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	**80.78**	**6.21**	**52.44**	**49.78**	**0.00**	**97.10**	**58.49**	**0.00**	**97.25**	**82.65**	**100.00**	**18.71**	**25.92**	**89.10**	**83.52**	**26.44**

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	5/31/2016	5	174	
2	Trenching	Trenching	6/1/2016	8/31/2016	5	66	
3	Building Construction	Building Construction	9/1/2016	10/1/2021	5	1066	
4	Paving	Paving	9/1/2016	10/1/2021	5	1327	
5	Architectural Coating	Architectural Coating	9/1/2016	10/1/2021	5	1327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 300

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	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

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	8	20.00	0.00	850,000.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Building Construction	9	462.00	86.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	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

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

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
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

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					12.5575	0.0000	12.5575	6.0950	0.0000	6.0950			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980		6,486.2433	6,486.2433	1.9364		6,526.9080
Total	**6.7751**	**79.0467**	**50.8400**	**0.0618**	**12.5575**	**3.8022**	**16.3596**	**6.0950**	**3.4980**	**9.5930**		**6,486.2433**	**6,486.2433**	**1.9364**		**6,526.9080**

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	36.1622	124.5768	610.2673	0.1420	2.4853	0.6963	3.1817	0.6521	0.6357	1.2877		13,467.4585	13,467.4585	0.2952		13,473.6571
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	0.0922	0.1154	1.4326	2.8300e-003	0.2236	1.9700e-003	0.2255	0.0593	1.8000e-003	0.0611		246.4063	246.4063	0.0133		246.6847
Total	**36.2545**	**124.6923**	**611.6999**	**0.1448**	**2.7089**	**0.6983**	**3.4072**	**0.7113**	**0.6375**	**1.3488**		**13,713.8648**	**13,713.8648**	**0.3084**		**13,720.3418**

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					4.8974	0.0000	4.8974	2.3770	0.0000	2.3770			0.0000			0.0000
Off-Road	6.7751	79.0467	50.8400	0.0618		3.8022	3.8022		3.4980	3.4980	0.0000	6,486.2433	6,486.2433	1.9364		6,526.9080
Total	**6.7751**	**79.0467**	**50.8400**	**0.0618**	**4.8974**	**3.8022**	**8.6996**	**2.3770**	**3.4980**	**5.8750**	**0.0000**	**6,486.2433**	**6,486.2433**	**1.9364**		**6,526.9080**

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	36.1622	124.5768	610.2673	0.1420	2.4853	0.6963	3.1817	0.6521	0.6357	1.2877		13,467.4585	13,467.4585	0.2952		13,473.6571
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	0.0922	0.1154	1.4326	2.8300e-003	0.2236	1.9700e-003	0.2255	0.0593	1.8000e-003	0.0611		246.4063	246.4063	0.0133		246.6847
Total	**36.2545**	**124.6923**	**611.6999**	**0.1448**	**2.7089**	**0.6983**	**3.4072**	**0.7113**	**0.6375**	**1.3488**		**13,713.8648**	**13,713.8648**	**0.3084**		**13,720.3418**

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					12.5575	0.0000	12.5575	6.0950	0.0000	6.0950			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975		6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**12.5575**	**3.5842**	**16.1417**	**6.0950**	**3.2975**	**9.3925**		**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

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	31.3550	115.1862	567.1584	0.1409	1.6579	0.5041	2.1620	0.4490	0.4606	0.9096		13,302.9028	13,302.9028	0.2779		13,308.7377
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	0.0833	0.1041	1.2973	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.9165	237.9165	0.0122		238.1726
Total	**31.4382**	**115.2903**	**568.4557**	**0.1438**	**1.8814**	**0.5060**	**2.3874**	**0.5083**	**0.4623**	**0.9706**		**13,540.8193**	**13,540.8193**	**0.2901**		**13,546.9103**

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					4.8974	0.0000	4.8974	2.3770	0.0000	2.3770			0.0000			0.0000
Off-Road	6.4795	74.8137	49.1374	0.0617		3.5842	3.5842		3.2975	3.2975	0.0000	6,414.9807	6,414.9807	1.9350		6,455.6154
Total	**6.4795**	**74.8137**	**49.1374**	**0.0617**	**4.8974**	**3.5842**	**8.4817**	**2.3770**	**3.2975**	**5.6745**	**0.0000**	**6,414.9807**	**6,414.9807**	**1.9350**		**6,455.6154**

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	31.3550	115.1862	567.1584	0.1409	1.6579	0.5041	2.1620	0.4490	0.4606	0.9096		13,302.9028	13,302.9028	0.2779		13,308.7377
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	0.0833	0.1041	1.2973	2.8300e-003	0.2236	1.8700e-003	0.2254	0.0593	1.7200e-003	0.0610		237.9165	237.9165	0.0122		238.1726
Total	**31.4382**	**115.2903**	**568.4557**	**0.1438**	**1.8814**	**0.5060**	**2.3874**	**0.5083**	**0.4623**	**0.9706**		**13,540.8193**	**13,540.8193**	**0.2901**		**13,546.9103**

3.4 Building Construction - 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485		2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**		**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

3.4 Building Construction - 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	3.4062	28.5063	18.5066	0.0268		1.9674	1.9674		1.8485	1.8485	0.0000	2,669.2864	2,669.2864	0.6620		2,683.1890
Total	**3.4062**	**28.5063**	**18.5066**	**0.0268**		**1.9674**	**1.9674**		**1.8485**	**1.8485**	**0.0000**	**2,669.2864**	**2,669.2864**	**0.6620**		**2,683.1890**

3.4 Building Construction - 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 Construction - 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	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730		2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**		**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

3.4 Building Construction - 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	3.1024	26.4057	18.1291	0.0268		1.7812	1.7812		1.6730	1.6730	0.0000	2,639.8053	2,639.8053	0.6497		2,653.4490
Total	**3.1024**	**26.4057**	**18.1291**	**0.0268**		**1.7812**	**1.7812**		**1.6730**	**1.6730**	**0.0000**	**2,639.8053**	**2,639.8053**	**0.6497**		**2,653.4490**

3.4 Building Construction - 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 Construction - 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048		2,609.9390	2,609.9390	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**		**2,609.9390**	**2,609.9390**	**0.6387**		**2,623.3517**

3.4 Building Construction - 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	2.6687	23.2608	17.5327	0.0268		1.4943	1.4943		1.4048	1.4048	0.0000	2,609.9389	2,609.9389	0.6387		2,623.3517
Total	**2.6687**	**23.2608**	**17.5327**	**0.0268**		**1.4943**	**1.4943**		**1.4048**	**1.4048**	**0.0000**	**2,609.9389**	**2,609.9389**	**0.6387**		**2,623.3517**

3.4 Building Construction - 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 Construction - 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083		2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**		**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

3.4 Building Construction - 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	2.3516	20.9650	17.1204	0.0268		1.2850	1.2850		1.2083	1.2083	0.0000	2,580.7618	2,580.7618	0.6279		2,593.9479
Total	**2.3516**	**20.9650**	**17.1204**	**0.0268**		**1.2850**	**1.2850**		**1.2083**	**1.2083**	**0.0000**	**2,580.7618**	**2,580.7618**	**0.6279**		**2,593.9479**

3.4 Building Construction - 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 Construction - 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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465		2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**		**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

3.4 Building Construction - 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	2.1113	19.0839	16.8084	0.0268		1.1128	1.1128		1.0465	1.0465	0.0000	2,542.4799	2,542.4799	0.6194		2,555.4880
Total	**2.1113**	**19.0839**	**16.8084**	**0.0268**		**1.1128**	**1.1128**		**1.0465**	**1.0465**	**0.0000**	**2,542.4799**	**2,542.4799**	**0.6194**		**2,555.4880**

3.4 Building Construction - 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**

3.4 Building Construction - 2021

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	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979		2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**		**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

3.4 Building Construction - 2021

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	0.5372	4.2712	6.9526	0.0186	0.5377	0.0807	0.6184	0.1532	0.0742	0.2274		1,739.0019	1,739.0019	0.0125		1,739.2647
Worker	1.2730	1.5676	19.8612	0.0654	5.1641	0.0395	5.2036	1.3695	0.0367	1.4062		4,625.6843	4,625.6843	0.2048		4,629.9857
Total	**1.8102**	**5.8388**	**26.8138**	**0.0840**	**5.7018**	**0.1202**	**5.8220**	**1.5227**	**0.1109**	**1.6336**		**6,364.6862**	**6,364.6862**	**0.2174**		**6,369.2504**

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	1.8931	17.3403	16.5376	0.0268		0.9549	0.9549		0.8979	0.8979	0.0000	2,542.7817	2,542.7817	0.6126		2,555.6462
Total	**1.8931**	**17.3403**	**16.5376**	**0.0268**		**0.9549**	**0.9549**		**0.8979**	**0.8979**	**0.0000**	**2,542.7817**	**2,542.7817**	**0.6126**		**2,555.6462**

3.4 Building Construction - 2021

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	0.5372	4.2712	6.9526	0.0186	0.5377	0.0807	0.6184	0.1532	0.0742	0.2274		1,739.0019	1,739.0019	0.0125		1,739.2647
Worker	1.2730	1.5676	19.8612	0.0654	5.1641	0.0395	5.2036	1.3695	0.0367	1.4062		4,625.6843	4,625.6843	0.2048		4,629.9857
Total	**1.8102**	**5.8388**	**26.8138**	**0.0840**	**5.7018**	**0.1202**	**5.8220**	**1.5227**	**0.1109**	**1.6336**		**6,364.6862**	**6,364.6862**	**0.2174**		**6,369.2504**

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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601		2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.0898**	**22.3859**	**14.8176**	**0.0223**		**1.2610**	**1.2610**		**1.1601**	**1.1601**		**2,316.3767**	**2,316.3767**	**0.6987**		**2,331.0495**

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	0.0624	0.0781	0.9730	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4374	178.4374	9.1500e-003		178.6295
Total	**0.0624**	**0.0781**	**0.9730**	**2.1200e-003**	**0.1677**	**1.4000e-003**	**0.1691**	**0.0445**	**1.2900e-003**	**0.0458**		**178.4374**	**178.4374**	**9.1500e-003**		**178.6295**

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	2.0898	22.3859	14.8176	0.0223		1.2610	1.2610		1.1601	1.1601	0.0000	2,316.3767	2,316.3767	0.6987		2,331.0495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**2.0898**	**22.3859**	**14.8176**	**0.0223**		**1.2610**	**1.2610**		**1.1601**	**1.1601**	**0.0000**	**2,316.3767**	**2,316.3767**	**0.6987**		**2,331.0495**

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	0.0624	0.0781	0.9730	2.1200e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		178.4374	178.4374	9.1500e-003		178.6295
Total	**0.0624**	**0.0781**	**0.9730**	**2.1200e-003**	**0.1677**	**1.4000e-003**	**0.1691**	**0.0445**	**1.2900e-003**	**0.0458**		**178.4374**	**178.4374**	**9.1500e-003**		**178.6295**

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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473		2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**		**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

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	0.0561	0.0705	0.8806	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.6086	171.6086	8.4400e-003		171.7859
Total	**0.0561**	**0.0705**	**0.8806**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.6086**	**171.6086**	**8.4400e-003**		**171.7859**

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	1.9074	20.2964	14.7270	0.0223		1.1384	1.1384		1.0473	1.0473	0.0000	2,281.0588	2,281.0588	0.6989		2,295.7360
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.9074**	**20.2964**	**14.7270**	**0.0223**		**1.1384**	**1.1384**		**1.0473**	**1.0473**	**0.0000**	**2,281.0588**	**2,281.0588**	**0.6989**		**2,295.7360**

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	0.0561	0.0705	0.8806	2.1200e-003	0.1677	1.3500e-003	0.1690	0.0445	1.2400e-003	0.0457		171.6086	171.6086	8.4400e-003		171.7859
Total	**0.0561**	**0.0705**	**0.8806**	**2.1200e-003**	**0.1677**	**1.3500e-003**	**0.1690**	**0.0445**	**1.2400e-003**	**0.0457**		**171.6086**	**171.6086**	**8.4400e-003**		**171.7859**

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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635		2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**		**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

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	0.0506	0.0640	0.8001	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2231	165.2231	7.8400e-003		165.3877
Total	**0.0506**	**0.0640**	**0.8001**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2231**	**165.2231**	**7.8400e-003**		**165.3877**

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	1.6114	17.1628	14.4944	0.0223		0.9386	0.9386		0.8635	0.8635	0.0000	2,245.2695	2,245.2695	0.6990		2,259.9481
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6114**	**17.1628**	**14.4944**	**0.0223**		**0.9386**	**0.9386**		**0.8635**	**0.8635**	**0.0000**	**2,245.2695**	**2,245.2695**	**0.6990**		**2,259.9481**

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	0.0506	0.0640	0.8001	2.1200e-003	0.1677	1.3100e-003	0.1690	0.0445	1.2100e-003	0.0457		165.2231	165.2231	7.8400e-003		165.3877
Total	**0.0506**	**0.0640**	**0.8001**	**2.1200e-003**	**0.1677**	**1.3100e-003**	**0.1690**	**0.0445**	**1.2100e-003**	**0.0457**		**165.2231**	**165.2231**	**7.8400e-003**		**165.3877**

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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447		2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**		**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

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	0.0466	0.0587	0.7353	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.2000e-003	0.0457		158.9589	158.9589	7.3300e-003		159.1130
Total	**0.0466**	**0.0587**	**0.7353**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.2000e-003**	**0.0457**		**158.9589**	**158.9589**	**7.3300e-003**		**159.1130**

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	1.4259	14.9353	14.3652	0.0223		0.8094	0.8094		0.7447	0.7447	0.0000	2,208.9731	2,208.9731	0.6989		2,223.6499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4259**	**14.9353**	**14.3652**	**0.0223**		**0.8094**	**0.8094**		**0.7447**	**0.7447**	**0.0000**	**2,208.9731**	**2,208.9731**	**0.6989**		**2,223.6499**

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	0.0466	0.0587	0.7353	2.1200e-003	0.1677	1.2900e-003	0.1690	0.0445	1.2000e-003	0.0457		158.9589	158.9589	7.3300e-003		159.1130
Total	**0.0466**	**0.0587**	**0.7353**	**2.1200e-003**	**0.1677**	**1.2900e-003**	**0.1690**	**0.0445**	**1.2000e-003**	**0.0457**		**158.9589**	**158.9589**	**7.3300e-003**		**159.1130**

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	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799		2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3301**	**13.7845**	**14.3523**	**0.0223**		**0.7390**	**0.7390**		**0.6799**	**0.6799**		**2,160.7571**	**2,160.7571**	**0.6988**		**2,175.4326**

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	0.0437	0.0544	0.6854	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5257	152.5257	6.9500e-003		152.6715
Total	**0.0437**	**0.0544**	**0.6854**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**152.5257**	**152.5257**	**6.9500e-003**		**152.6715**

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	1.3301	13.7845	14.3523	0.0223		0.7390	0.7390		0.6799	0.6799	0.0000	2,160.7571	2,160.7571	0.6988		2,175.4326
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3301**	**13.7845**	**14.3523**	**0.0223**		**0.7390**	**0.7390**		**0.6799**	**0.6799**	**0.0000**	**2,160.7571**	**2,160.7571**	**0.6988**		**2,175.4326**

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	0.0437	0.0544	0.6854	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		152.5257	152.5257	6.9500e-003		152.6715
Total	**0.0437**	**0.0544**	**0.6854**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**152.5257**	**152.5257**	**6.9500e-003**		**152.6715**

3.5 Paving - 2021

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	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120		2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2308**	**12.6607**	**14.3528**	**0.0223**		**0.6652**	**0.6652**		**0.6120**	**0.6120**		**2,160.2530**	**2,160.2530**	**0.6987**		**2,174.9250**

3.5 Paving - 2021

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	0.0413	0.0509	0.6448	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		150.1846	150.1846	6.6500e-003		150.3242
Total	**0.0413**	**0.0509**	**0.6448**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**150.1846**	**150.1846**	**6.6500e-003**		**150.3242**

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	1.2308	12.6607	14.3528	0.0223		0.6652	0.6652		0.6120	0.6120	0.0000	2,160.2530	2,160.2530	0.6987		2,174.9250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.2308**	**12.6607**	**14.3528**	**0.0223**		**0.6652**	**0.6652**		**0.6120**	**0.6120**	**0.0000**	**2,160.2530**	**2,160.2530**	**0.6987**		**2,174.9250**

3.5 Paving - 2021

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	0.0413	0.0509	0.6448	2.1200e-003	0.1677	1.2800e-003	0.1690	0.0445	1.1900e-003	0.0457		150.1846	150.1846	6.6500e-003		150.3242
Total	**0.0413**	**0.0509**	**0.6448**	**2.1200e-003**	**0.1677**	**1.2800e-003**	**0.1690**	**0.0445**	**1.1900e-003**	**0.0457**		**150.1846**	**150.1846**	**6.6500e-003**		**150.3242**

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	6.2455					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	**6.6139**	**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	6.2455					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	**6.6139**	**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	6.2455					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	**6.5778**	**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	6.2455					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	**6.5778**	**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	6.2455					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	**6.5441**	**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	6.2455					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	**6.5441**	**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	6.2455					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	**6.5119**	**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	6.2455					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	**6.5119**	**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	6.2455					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	**6.4876**	**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	6.2455					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	**6.4876**	**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**

3.6 Architectural Coating - 2021

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	6.2455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.8537
Total	**6.4644**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.8537**

3.6 Architectural Coating - 2021

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	0.2535	0.3122	3.9550	0.0130	1.0283	7.8700e-003	1.0362	0.2727	7.3000e-003	0.2800		921.1319	921.1319	0.0408		921.9885
Total	**0.2535**	**0.3122**	**3.9550**	**0.0130**	**1.0283**	**7.8700e-003**	**1.0362**	**0.2727**	**7.3000e-003**	**0.2800**		**921.1319**	**921.1319**	**0.0408**		**921.9885**

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	6.2455					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.8537
Total	**6.4644**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.8537**

3.6 Architectural Coating - 2021

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	0.2535	0.3122	3.9550	0.0130	1.0283	7.8700e-003	1.0362	0.2727	7.3000e-003	0.2800		921.1319	921.1319	0.0408		921.9885
Total	**0.2535**	**0.3122**	**3.9550**	**0.0130**	**1.0283**	**7.8700e-003**	**1.0362**	**0.2727**	**7.3000e-003**	**0.2800**		**921.1319**	**921.1319**	**0.0408**		**921.9885**

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	26.0567	75.5485	311.6462	0.6169	41.6527	1.2043	42.8570	11.1264	1.1058	12.2321		57,159.9181	57,159.9181	2.5367		57,213.1882
Unmitigated	26.0567	75.5485	311.6462	0.6169	41.6527	1.2043	42.8570	11.1264	1.1058	12.2321		57,159.9181	57,159.9181	2.5367		57,213.1882

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	1,054.40	1,145.60	971.20	3,606,950	3,606,950
Single Family Housing	4,373.49	4,606.56	4007.89	14,880,183	14,880,183
Total	5,427.89	5,752.16	4,979.09	18,487,134	18,487,134

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
0.516610	0.060517	0.179979	0.140587	0.041566	0.006616	0.015092	0.027587	0.001923	0.002530	0.004314	0.000602	0.002075

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	0.5030	4.2987	1.8292	0.0274		0.3476	0.3476		0.3476	0.3476		5,487.6584	5,487.6584	0.1052	0.1006	5,521.0554
NaturalGas Unmitigated	0.5030	4.2987	1.8292	0.0274		0.3476	0.3476		0.3476	0.3476		5,487.6584	5,487.6584	0.1052	0.1006	5,521.0554

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	5844.89	0.0630	0.5387	0.2292	3.4400e-003		0.0436	0.0436		0.0436	0.0436		687.6338	687.6338	0.0132	0.0126	691.8187
Single Family Housing	40800.2	0.4400	3.7600	1.6000	0.0240		0.3040	0.3040		0.3040	0.3040		4,800.0246	4,800.0246	0.0920	0.0880	4,829.2367
Total		**0.5030**	**4.2987**	**1.8292**	**0.0274**		**0.3476**	**0.3476**		**0.3476**	**0.3476**		**5,487.6584**	**5,487.6584**	**0.1052**	**0.1006**	**5,521.0554**

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					
Single Family Housing	40.8002	0.4400	3.7600	1.6000	0.0240		0.3040	0.3040		0.3040	0.3040		4,800.0246	4,800.0246	0.0920	0.0880	4,829.2367
Condo/Townhouse	5.84489	0.0630	0.5387	0.2292	3.4400e-003		0.0436	0.0436		0.0436	0.0436		687.6338	687.6338	0.0132	0.0126	691.8187
Total		**0.5030**	**4.2987**	**1.8292**	**0.0274**		**0.3476**	**0.3476**		**0.3476**	**0.3476**		**5,487.6584**	**5,487.6584**	**0.1052**	**0.1006**	**5,521.0554**

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	23.4266	0.6181	52.1467	2.6900e-003		0.2769	0.2769		0.2769	0.2769	0.0000	91.6568	91.6568	0.0977	0.0000	93.7090
Unmitigated	233.5795	5.9501	455.2655	0.6440		61.5403	61.5403		61.5307	61.5307	7,512.2686	14,527.6568	22,039.9253	22.5008	0.5099	22,670.5040

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	19.4555					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	210.1529	5.3320	403.1188	0.6413		61.2634	61.2634		61.2538	61.2538	7,512.2686	14,436.0000	21,948.2686	22.4030	0.5099	22,576.7950
Landscaping	1.7006	0.6181	52.1467	2.6900e-003		0.2769	0.2769		0.2769	0.2769		91.6568	91.6568	0.0977		93.7090
Total	**233.5795**	**5.9501**	**455.2655**	**0.6440**		**61.5403**	**61.5403**		**61.5307**	**61.5307**	**7,512.2686**	**14,527.6568**	**22,039.9253**	**22.5008**	**0.5099**	**22,670.5040**

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	19.4555					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	1.7006	0.6181	52.1467	2.6900e-003		0.2769	0.2769		0.2769	0.2769		91.6568	91.6568	0.0977		93.7090
Total	**23.4266**	**0.6181**	**52.1467**	**2.6900e-003**		**0.2769**	**0.2769**		**0.2769**	**0.2769**	**0.0000**	**91.6568**	**91.6568**	**0.0977**	**0.0000**	**93.7090**

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 Increased Density Alt

South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	457.00	Dwelling Unit	148.38	822,600.00	1307
Condo/Townhouse	160.00	Dwelling Unit	10.00	160,000.00	458

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2014
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 - 457 single family homes, 160 townhomes

Construction Phase - grading 10/15-5/16 trenching 5/16-8/16 building/paving/coating 9/16-10/21

Trips and VMT - 0.25 mile hauling length

Grading - 4.5 million cubic yards imported and exported, 300 acres disturbed

Woodstoves - No fire places

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

Area Mitigation - No hearths

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	220.00	1,327.00
tblConstructionPhase	NumDays	3,100.00	1,066.00
tblConstructionPhase	NumDays	310.00	174.00
tblConstructionPhase	NumDays	220.00	1,327.00
tblConstructionPhase	PhaseEndDate	11/3/2026	10/1/2021
tblConstructionPhase	PhaseEndDate	10/1/2020	10/1/2021
tblConstructionPhase	PhaseEndDate	11/3/2026	10/1/2021
tblConstructionPhase	PhaseStartDate	10/2/2021	9/1/2016
tblConstructionPhase	PhaseStartDate	10/2/2021	9/1/2016
tblGrading	AcresOfGrading	775.00	300.00
tblGrading	MaterialExported	0.00	4.50
tblGrading	MaterialImported	0.00	4.50
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25
tblTripsAndVMT	HaulingTripLength	20.00	0.25

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	1.5527	6.7670	25.8628	6.7600e-003	1.1803	0.1498	1.3300	0.5533	0.1376	0.6910	0.0000	593.4391	593.4391	0.0677	0.0000	594.8599
2016	2.8927	13.1357	43.4128	0.0174	1.4870	0.3786	1.8656	0.6360	0.3505	0.9865	0.0000	1,495.3449	1,495.3449	0.1790	0.0000	1,499.1028
2017	1.8631	7.6723	9.8368	0.0192	0.8804	0.4229	1.3032	0.2352	0.3953	0.6305	0.0000	1,561.6305	1,561.6305	0.2019	0.0000	1,565.8699
2018	1.7376	6.7462	9.3256	0.0192	0.8837	0.3570	1.2408	0.2361	0.3340	0.5700	0.0000	1,528.8150	1,528.8150	0.1983	0.0000	1,532.9787
2019	1.6436	6.0376	8.9043	0.0192	0.8838	0.3092	1.1929	0.2361	0.2892	0.5253	0.0000	1,489.9963	1,489.9963	0.1944	0.0000	1,494.0777
2020	1.5845	5.5191	8.6225	0.0193	0.8871	0.2751	1.1623	0.2370	0.2573	0.4943	0.0000	1,452.9639	1,452.9639	0.1921	0.0000	1,456.9973
2021	1.1416	3.7399	6.2570	0.0144	0.6637	0.1807	0.8444	0.1773	0.1689	0.3462	0.0000	1,079.2765	1,079.2765	0.1419	0.0000	1,082.2554
Total	**12.4156**	**49.6177**	**112.2217**	**0.1155**	**6.8659**	**2.0732**	**8.9391**	**2.3109**	**1.9328**	**4.2437**	**0.0000**	**9,201.4662**	**9,201.4662**	**1.1750**	**0.0000**	**9,226.1417**

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	1.5527	6.7670	25.8628	6.7600e-003	0.5138	0.1498	0.6636	0.2299	0.1376	0.3675	0.0000	593.4388	593.4388	0.0677	0.0000	594.8597
2016	2.8927	13.1357	43.4128	0.0174	0.8205	0.3786	1.1991	0.3125	0.3505	0.6630	0.0000	1,495.3443	1,495.3443	0.1790	0.0000	1,499.1021
2017	1.8631	7.6722	9.8368	0.0192	0.8804	0.4229	1.3032	0.2352	0.3953	0.6305	0.0000	1,561.6298	1,561.6298	0.2019	0.0000	1,565.8691
2018	1.7376	6.7462	9.3256	0.0192	0.8837	0.3570	1.2408	0.2361	0.3340	0.5700	0.0000	1,528.8143	1,528.8143	0.1983	0.0000	1,532.9780
2019	1.6436	6.0376	8.9042	0.0192	0.8838	0.3092	1.1929	0.2361	0.2892	0.5253	0.0000	1,489.9956	1,489.9956	0.1944	0.0000	1,494.0770
2020	1.5845	5.5191	8.6225	0.0193	0.8871	0.2751	1.1623	0.2370	0.2573	0.4943	0.0000	1,452.9632	1,452.9632	0.1921	0.0000	1,456.9966
2021	1.1416	3.7399	6.2570	0.0144	0.6637	0.1807	0.8444	0.1773	0.1689	0.3462	0.0000	1,079.2760	1,079.2760	0.1419	0.0000	1,082.2549
Total	**12.4156**	**49.6177**	**112.2217**	**0.1155**	**5.5330**	**2.0732**	**7.6063**	**1.6640**	**1.9328**	**3.5968**	**0.0000**	**9,201.4620**	**9,201.4620**	**1.1750**	**0.0000**	**9,226.1375**

	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**	**19.41**	**0.00**	**14.91**	**27.99**	**0.00**	**15.24**	**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	6.8045	0.1439	11.5573	8.3500e-003		0.8004	0.8004		0.8003	0.8003	85.1877	174.0952	259.2829	0.2651	5.7800e-003	266.6430
Energy	0.0918	0.7845	0.3338	5.0100e-003		0.0634	0.0634		0.0634	0.0634	0.0000	2,084.4695	2,084.4695	0.0715	0.0278	2,094.6007
Mobile	4.4000	13.8948	52.6911	0.1014	7.0002	0.2064	7.2067	1.8727	0.1895	2.0623	0.0000	8,533.0831	8,533.0831	0.3936	0.0000	8,541.3476
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	**11.2963**	**14.8232**	**64.5823**	**0.1148**	**7.0002**	**1.0703**	**8.0705**	**1.8727**	**1.0533**	**2.9260**	**223.2371**	**11,091.0882**	**11,314.3253**	**9.6254**	**0.0767**	**11,540.2269**

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	4.1776	0.0773	6.5183	3.4000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	10.3937	10.3937	0.0111	0.0000	10.6264
Energy	0.0918	0.7845	0.3338	5.0100e-003		0.0634	0.0634		0.0634	0.0634	0.0000	2,084.4695	2,084.4695	0.0715	0.0278	2,094.6007
Mobile	4.4000	13.8948	52.6911	0.1014	7.0002	0.2064	7.2067	1.8727	0.1895	2.0623	0.0000	8,533.0831	8,533.0831	0.3936	0.0000	8,541.3476
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	**8.6693**	**14.7566**	**59.5433**	**0.1068**	**7.0002**	**0.3045**	**7.3047**	**1.8727**	**0.2876**	**2.1603**	**138.0495**	**10,927.3867**	**11,065.4361**	**9.3710**	**0.0708**	**11,284.1839**

	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	**23.25**	**0.45**	**7.80**	**6.98**	**0.00**	**71.55**	**9.49**	**0.00**	**72.70**	**26.17**	**38.16**	**1.48**	**2.20**	**2.64**	**7.62**	**2.22**

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	5/31/2016	5	174	
2	Trenching	Trenching	6/1/2016	8/31/2016	5	66	
3	Building Construction	Building Construction	9/1/2016	10/1/2021	5	1066	
4	Paving	Paving	9/1/2016	10/1/2021	5	1327	
5	Architectural Coating	Architectural Coating	9/1/2016	10/1/2021	5	1327	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 300

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	2	8.00	162	0.38
Grading	Graders	1	8.00	174	0.41
Grading	Rubber Tired Dozers	1	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	226	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	125	0.42
Paving	Paving Equipment	2	8.00	130	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

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	8	20.00	0.00	850,000.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Building Construction	9	462.00	86.00	0.00	14.70	6.90	0.25	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	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

3.1 Mitigation Measures Construction

Water Exposed Area

Clean Paved Roads

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
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
Worker					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.2 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					1.0925	0.0000	1.0925	0.5303	0.0000	0.5303	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2236	2.6085	1.6777	2.0400e-003		0.1255	0.1255		0.1154	0.1154	0.0000	194.1793	194.1793	0.0580	0.0000	195.3967
Total	**0.2236**	**2.6085**	**1.6777**	**2.0400e-003**	**1.0925**	**0.1255**	**1.2180**	**0.5303**	**0.1154**	**0.6457**	**0.0000**	**194.1793**	**194.1793**	**0.0580**	**0.0000**	**195.3967**

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	1.3262	4.1542	24.1403	4.6300e-003	0.0805	0.0242	0.1048	0.0212	0.0221	0.0433	0.0000	392.2328	392.2328	9.2900e-003	0.0000	392.4280
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	2.9400e-003	4.3100e-003	0.0448	9.0000e-005	7.2400e-003	6.0000e-005	7.3100e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	7.0270	7.0270	4.0000e-004	0.0000	7.0353
Total	**1.3292**	**4.1585**	**24.1851**	**4.7200e-003**	**0.0878**	**0.0243**	**0.1121**	**0.0231**	**0.0222**	**0.0453**	**0.0000**	**399.2598**	**399.2598**	**9.6900e-003**	**0.0000**	**399.4633**

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					0.4261	0.0000	0.4261	0.2068	0.0000	0.2068	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2236	2.6085	1.6777	2.0400e-003		0.1255	0.1255		0.1154	0.1154	0.0000	194.1791	194.1791	0.0580	0.0000	195.3964
Total	**0.2236**	**2.6085**	**1.6777**	**2.0400e-003**	**0.4261**	**0.1255**	**0.5515**	**0.2068**	**0.1154**	**0.3222**	**0.0000**	**194.1791**	**194.1791**	**0.0580**	**0.0000**	**195.3964**

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	1.3262	4.1542	24.1403	4.6300e-003	0.0805	0.0242	0.1048	0.0212	0.0221	0.0433	0.0000	392.2328	392.2328	9.2900e-003	0.0000	392.4280
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	2.9400e-003	4.3100e-003	0.0448	9.0000e-005	7.2400e-003	6.0000e-005	7.3100e-003	1.9200e-003	6.0000e-005	1.9800e-003	0.0000	7.0270	7.0270	4.0000e-004	0.0000	7.0353
Total	**1.3292**	**4.1585**	**24.1851**	**4.7200e-003**	**0.0878**	**0.0243**	**0.1121**	**0.0231**	**0.0222**	**0.0453**	**0.0000**	**399.2598**	**399.2598**	**9.6900e-003**	**0.0000**	**399.4633**

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					1.0925	0.0000	1.0925	0.5303	0.0000	0.5303	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	4.0399	2.6534	3.3300e-003		0.1936	0.1936		0.1781	0.1781	0.0000	314.2569	314.2569	0.0948	0.0000	316.2475
Total	**0.3499**	**4.0399**	**2.6534**	**3.3300e-003**	**1.0925**	**0.1936**	**1.2861**	**0.5303**	**0.1781**	**0.7083**	**0.0000**	**314.2569**	**314.2569**	**0.0948**	**0.0000**	**316.2475**

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	1.8791	6.2870	37.2096	7.5200e-003	0.0880	0.0283	0.1164	0.0239	0.0259	0.0498	0.0000	633.9221	633.9221	0.0143	0.0000	634.2228
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	4.3300e-003	6.3600e-003	0.0662	1.5000e-004	0.0119	1.0000e-004	0.0120	3.1500e-003	9.0000e-005	3.2400e-003	0.0000	11.1013	11.1013	6.0000e-004	0.0000	11.1138
Total	**1.8834**	**6.2934**	**37.2758**	**7.6700e-003**	**0.0999**	**0.0284**	**0.1283**	**0.0270**	**0.0260**	**0.0530**	**0.0000**	**645.0234**	**645.0234**	**0.0149**	**0.0000**	**645.3366**

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					0.4261	0.0000	0.4261	0.2068	0.0000	0.2068	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3499	4.0399	2.6534	3.3300e-003		0.1936	0.1936		0.1781	0.1781	0.0000	314.2566	314.2566	0.0948	0.0000	316.2472
Total	**0.3499**	**4.0399**	**2.6534**	**3.3300e-003**	**0.4261**	**0.1936**	**0.6196**	**0.2068**	**0.1781**	**0.3849**	**0.0000**	**314.2566**	**314.2566**	**0.0948**	**0.0000**	**316.2472**

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	1.8791	6.2870	37.2096	7.5200e-003	0.0880	0.0283	0.1164	0.0239	0.0259	0.0498	0.0000	633.9221	633.9221	0.0143	0.0000	634.2228
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	4.3300e-003	6.3600e-003	0.0662	1.5000e-004	0.0119	1.0000e-004	0.0120	3.1500e-003	9.0000e-005	3.2400e-003	0.0000	11.1013	11.1013	6.0000e-004	0.0000	11.1138
Total	**1.8834**	**6.2934**	**37.2758**	**7.6700e-003**	**0.0999**	**0.0284**	**0.1283**	**0.0270**	**0.0260**	**0.0530**	**0.0000**	**645.0234**	**645.0234**	**0.0149**	**0.0000**	**645.3366**

3.4 Building Construction - 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	0.1482	1.2400	0.8050	1.1700e-003		0.0856	0.0856		0.0804	0.0804	0.0000	105.3368	105.3368	0.0261	0.0000	105.8854
Total	**0.1482**	**1.2400**	**0.8050**	**1.1700e-003**		**0.0856**	**0.0856**		**0.0804**	**0.0804**	**0.0000**	**105.3368**	**105.3368**	**0.0261**	**0.0000**	**105.8854**

3.4 Building Construction - 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	0.0333	0.3396	0.4360	8.1000e-004	0.0230	5.3000e-003	0.0283	6.5700e-003	4.8700e-003	0.0114	0.0000	73.7909	73.7909	5.4000e-004	0.0000	73.8022
Worker	0.0806	0.1183	1.2309	2.7100e-003	0.2205	1.8800e-003	0.2224	0.0586	1.7300e-003	0.0603	0.0000	206.5766	206.5766	0.0111	0.0000	206.8101
Total	**0.1139**	**0.4580**	**1.6669**	**3.5200e-003**	**0.2435**	**7.1800e-003**	**0.2507**	**0.0651**	**6.6000e-003**	**0.0717**	**0.0000**	**280.3676**	**280.3676**	**0.0117**	**0.0000**	**280.6123**

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	0.1482	1.2400	0.8050	1.1700e-003		0.0856	0.0856		0.0804	0.0804	0.0000	105.3367	105.3367	0.0261	0.0000	105.8853
Total	**0.1482**	**1.2400**	**0.8050**	**1.1700e-003**		**0.0856**	**0.0856**		**0.0804**	**0.0804**	**0.0000**	**105.3367**	**105.3367**	**0.0261**	**0.0000**	**105.8853**

3.4 Building Construction - 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	0.0333	0.3396	0.4360	8.1000e-004	0.0230	5.3000e-003	0.0283	6.5700e-003	4.8700e-003	0.0114	0.0000	73.7909	73.7909	5.4000e-004	0.0000	73.8022
Worker	0.0806	0.1183	1.2309	2.7100e-003	0.2205	1.8800e-003	0.2224	0.0586	1.7300e-003	0.0603	0.0000	206.5766	206.5766	0.0111	0.0000	206.8101
Total	**0.1139**	**0.4580**	**1.6669**	**3.5200e-003**	**0.2435**	**7.1800e-003**	**0.2507**	**0.0651**	**6.6000e-003**	**0.0717**	**0.0000**	**280.3676**	**280.3676**	**0.0117**	**0.0000**	**280.6123**

3.4 Building Construction - 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	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3228	311.3228	0.0766	0.0000	312.9319
Total	**0.4033**	**3.4327**	**2.3568**	**3.4900e-003**		**0.2316**	**0.2316**		**0.2175**	**0.2175**	**0.0000**	**311.3228**	**311.3228**	**0.0766**	**0.0000**	**312.9319**

3.4 Building Construction - 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	0.4033	3.4327	2.3568	3.4900e-003		0.2316	0.2316		0.2175	0.2175	0.0000	311.3225	311.3225	0.0766	0.0000	312.9315
Total	**0.4033**	**3.4327**	**2.3568**	**3.4900e-003**		**0.2316**	**0.2316**		**0.2175**	**0.2175**	**0.0000**	**311.3225**	**311.3225**	**0.0766**	**0.0000**	**312.9315**

3.4 Building Construction - 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 Construction - 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	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9844	308.9844	0.0756	0.0000	310.5723
Total	**0.3483**	**3.0355**	**2.2880**	**3.5000e-003**		**0.1950**	**0.1950**		**0.1833**	**0.1833**	**0.0000**	**308.9844**	**308.9844**	**0.0756**	**0.0000**	**310.5723**

3.4 Building Construction - 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	0.3483	3.0355	2.2880	3.5000e-003		0.1950	0.1950		0.1833	0.1833	0.0000	308.9841	308.9841	0.0756	0.0000	310.5720
Total	**0.3483**	**3.0355**	**2.2880**	**3.5000e-003**		**0.1950**	**0.1950**		**0.1833**	**0.1833**	**0.0000**	**308.9841**	**308.9841**	**0.0756**	**0.0000**	**310.5720**

3.4 Building Construction - 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 Construction - 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5302	305.5302	0.0743	0.0000	307.0913
Total	**0.3069**	**2.7359**	**2.2342**	**3.5000e-003**		**0.1677**	**0.1677**		**0.1577**	**0.1577**	**0.0000**	**305.5302**	**305.5302**	**0.0743**	**0.0000**	**307.0913**

3.4 Building Construction - 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	0.3069	2.7359	2.2342	3.5000e-003		0.1677	0.1677		0.1577	0.1577	0.0000	305.5299	305.5299	0.0743	0.0000	307.0909
Total	**0.3069**	**2.7359**	**2.2342**	**3.5000e-003**		**0.1677**	**0.1677**		**0.1577**	**0.1577**	**0.0000**	**305.5299**	**305.5299**	**0.0743**	**0.0000**	**307.0909**

3.4 Building Construction - 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 Construction - 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	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1514	302.1514	0.0736	0.0000	303.6973
Total	**0.2766**	**2.5000**	**2.2019**	**3.5100e-003**		**0.1458**	**0.1458**		**0.1371**	**0.1371**	**0.0000**	**302.1514**	**302.1514**	**0.0736**	**0.0000**	**303.6973**

3.4 Building Construction - 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	0.0769	0.6872	1.1167	2.4300e-003	0.0694	0.0116	0.0810	0.0198	0.0107	0.0305	0.0000	206.0163	206.0163	1.5000e-003	0.0000	206.0478
Worker	0.1680	0.2481	2.5851	8.1300e-003	0.6640	5.1700e-003	0.6692	0.1763	4.7900e-003	0.1811	0.0000	531.4718	531.4718	0.0254	0.0000	532.0058
Total	**0.2449**	**0.9353**	**3.7018**	**0.0106**	**0.7334**	**0.0168**	**0.7502**	**0.1961**	**0.0155**	**0.2117**	**0.0000**	**737.4881**	**737.4881**	**0.0269**	**0.0000**	**738.0536**

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	0.2766	2.5000	2.2019	3.5100e-003		0.1458	0.1458		0.1371	0.1371	0.0000	302.1510	302.1510	0.0736	0.0000	303.6969
Total	**0.2766**	**2.5000**	**2.2019**	**3.5100e-003**		**0.1458**	**0.1458**		**0.1371**	**0.1371**	**0.0000**	**302.1510**	**302.1510**	**0.0736**	**0.0000**	**303.6969**

3.4 Building Construction - 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	0.0769	0.6872	1.1167	2.4300e-003	0.0694	0.0116	0.0810	0.0198	0.0107	0.0305	0.0000	206.0163	206.0163	1.5000e-003	0.0000	206.0478
Worker	0.1680	0.2481	2.5851	8.1300e-003	0.6640	5.1700e-003	0.6692	0.1763	4.7900e-003	0.1811	0.0000	531.4718	531.4718	0.0254	0.0000	532.0058
Total	**0.2449**	**0.9353**	**3.7018**	**0.0106**	**0.7334**	**0.0168**	**0.7502**	**0.1961**	**0.0155**	**0.2117**	**0.0000**	**737.4881**	**737.4881**	**0.0269**	**0.0000**	**738.0536**

3.4 Building Construction - 2021

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	0.1855	1.6993	1.6207	2.6300e-003		0.0936	0.0936		0.0880	0.0880	0.0000	226.0637	226.0637	0.0545	0.0000	227.2074
Total	**0.1855**	**1.6993**	**1.6207**	**2.6300e-003**		**0.0936**	**0.0936**		**0.0880**	**0.0880**	**0.0000**	**226.0637**	**226.0637**	**0.0545**	**0.0000**	**227.2074**

3.4 Building Construction - 2021

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	0.0555	0.4364	0.8142	1.8200e-003	0.0519	7.9300e-003	0.0598	0.0148	7.3000e-003	0.0221	0.0000	154.0534	154.0534	1.1300e-003	0.0000	154.0772
Worker	0.1189	0.1736	1.8167	6.0900e-003	0.4967	3.8700e-003	0.5006	0.1319	3.5900e-003	0.1355	0.0000	391.4270	391.4270	0.0182	0.0000	391.8094
Total	**0.1744**	**0.6100**	**2.6309**	**7.9100e-003**	**0.5486**	**0.0118**	**0.5604**	**0.1467**	**0.0109**	**0.1576**	**0.0000**	**545.4804**	**545.4804**	**0.0193**	**0.0000**	**545.8865**

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	0.1855	1.6993	1.6207	2.6300e-003		0.0936	0.0936		0.0880	0.0880	0.0000	226.0635	226.0635	0.0545	0.0000	227.2072
Total	**0.1855**	**1.6993**	**1.6207**	**2.6300e-003**		**0.0936**	**0.0936**		**0.0880**	**0.0880**	**0.0000**	**226.0635**	**226.0635**	**0.0545**	**0.0000**	**227.2072**

3.4 Building Construction - 2021

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	0.0555	0.4364	0.8142	1.8200e-003	0.0519	7.9300e-003	0.0598	0.0148	7.3000e-003	0.0221	0.0000	154.0534	154.0534	1.1300e-003	0.0000	154.0772
Worker	0.1189	0.1736	1.8167	6.0900e-003	0.4967	3.8700e-003	0.5006	0.1319	3.5900e-003	0.1355	0.0000	391.4270	391.4270	0.0182	0.0000	391.8094
Total	**0.1744**	**0.6100**	**2.6309**	**7.9100e-003**	**0.5486**	**0.0118**	**0.5604**	**0.1467**	**0.0109**	**0.1576**	**0.0000**	**545.4804**	**545.4804**	**0.0193**	**0.0000**	**545.8865**

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	0.0909	0.9738	0.6446	9.7000e-004		0.0549	0.0549		0.0505	0.0505	0.0000	91.4101	91.4101	0.0276	0.0000	91.9891
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0909**	**0.9738**	**0.6446**	**9.7000e-004**		**0.0549**	**0.0549**		**0.0505**	**0.0505**	**0.0000**	**91.4101**	**91.4101**	**0.0276**	**0.0000**	**91.9891**

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	2.6200e-003	3.8400e-003	0.0400	9.0000e-005	7.1600e-003	6.0000e-005	7.2200e-003	1.9000e-003	6.0000e-005	1.9600e-003	0.0000	6.7070	6.7070	3.6000e-004	0.0000	6.7146
Total	**2.6200e-003**	**3.8400e-003**	**0.0400**	**9.0000e-005**	**7.1600e-003**	**6.0000e-005**	**7.2200e-003**	**1.9000e-003**	**6.0000e-005**	**1.9600e-003**	**0.0000**	**6.7070**	**6.7070**	**3.6000e-004**	**0.0000**	**6.7146**

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	0.0909	0.9738	0.6446	9.7000e-004		0.0549	0.0549		0.0505	0.0505	0.0000	91.4100	91.4100	0.0276	0.0000	91.9890
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0909**	**0.9738**	**0.6446**	**9.7000e-004**		**0.0549**	**0.0549**		**0.0505**	**0.0505**	**0.0000**	**91.4100**	**91.4100**	**0.0276**	**0.0000**	**91.9890**

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	2.6200e-003	3.8400e-003	0.0400	9.0000e-005	7.1600e-003	6.0000e-005	7.2200e-003	1.9000e-003	6.0000e-005	1.9600e-003	0.0000	6.7070	6.7070	3.6000e-004	0.0000	6.7146
Total	**2.6200e-003**	**3.8400e-003**	**0.0400**	**9.0000e-005**	**7.1600e-003**	**6.0000e-005**	**7.2200e-003**	**1.9000e-003**	**6.0000e-005**	**1.9600e-003**	**0.0000**	**6.7070**	**6.7070**	**3.6000e-004**	**0.0000**	**6.7146**

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	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0144	269.0144	0.0824	0.0000	270.7454
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2480**	**2.6385**	**1.9145**	**2.9000e-003**		**0.1480**	**0.1480**		**0.1362**	**0.1362**	**0.0000**	**269.0144**	**269.0144**	**0.0824**	**0.0000**	**270.7454**

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	7.0000e-003	0.0104	0.1078	2.6000e-004	0.0214	1.8000e-004	0.0216	5.6800e-003	1.6000e-004	5.8400e-003	0.0000	19.2745	19.2745	1.0000e-003	0.0000	19.2954
Total	**7.0000e-003**	**0.0104**	**0.1078**	**2.6000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6800e-003**	**1.6000e-004**	**5.8400e-003**	**0.0000**	**19.2745**	**19.2745**	**1.0000e-003**	**0.0000**	**19.2954**

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	0.2480	2.6385	1.9145	2.9000e-003		0.1480	0.1480		0.1362	0.1362	0.0000	269.0141	269.0141	0.0824	0.0000	270.7450
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2480**	**2.6385**	**1.9145**	**2.9000e-003**		**0.1480**	**0.1480**		**0.1362**	**0.1362**	**0.0000**	**269.0141**	**269.0141**	**0.0824**	**0.0000**	**270.7450**

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	7.0000e-003	0.0104	0.1078	2.6000e-004	0.0214	1.8000e-004	0.0216	5.6800e-003	1.6000e-004	5.8400e-003	0.0000	19.2745	19.2745	1.0000e-003	0.0000	19.2954
Total	**7.0000e-003**	**0.0104**	**0.1078**	**2.6000e-004**	**0.0214**	**1.8000e-004**	**0.0216**	**5.6800e-003**	**1.6000e-004**	**5.8400e-003**	**0.0000**	**19.2745**	**19.2745**	**1.0000e-003**	**0.0000**	**19.2954**

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	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8121	265.8121	0.0828	0.0000	267.5499
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2103**	**2.2397**	**1.8915**	**2.9100e-003**		**0.1225**	**0.1225**		**0.1127**	**0.1127**	**0.0000**	**265.8121**	**265.8121**	**0.0828**	**0.0000**	**267.5499**

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	6.3200e-003	9.4400e-003	0.0980	2.6000e-004	0.0215	1.7000e-004	0.0217	5.7000e-003	1.6000e-004	5.8600e-003	0.0000	18.6265	18.6265	9.3000e-004	0.0000	18.6459
Total	**6.3200e-003**	**9.4400e-003**	**0.0980**	**2.6000e-004**	**0.0215**	**1.7000e-004**	**0.0217**	**5.7000e-003**	**1.6000e-004**	**5.8600e-003**	**0.0000**	**18.6265**	**18.6265**	**9.3000e-004**	**0.0000**	**18.6459**

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	0.2103	2.2397	1.8915	2.9100e-003		0.1225	0.1225		0.1127	0.1127	0.0000	265.8118	265.8118	0.0828	0.0000	267.5495
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.2103**	**2.2397**	**1.8915**	**2.9100e-003**		**0.1225**	**0.1225**		**0.1127**	**0.1127**	**0.0000**	**265.8118**	**265.8118**	**0.0828**	**0.0000**	**267.5495**

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	6.3200e-003	9.4400e-003	0.0980	2.6000e-004	0.0215	1.7000e-004	0.0217	5.7000e-003	1.6000e-004	5.8600e-003	0.0000	18.6265	18.6265	9.3000e-004	0.0000	18.6459
Total	**6.3200e-003**	**9.4400e-003**	**0.0980**	**2.6000e-004**	**0.0215**	**1.7000e-004**	**0.0217**	**5.7000e-003**	**1.6000e-004**	**5.8600e-003**	**0.0000**	**18.6265**	**18.6265**	**9.3000e-004**	**0.0000**	**18.6459**

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	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5151	261.5151	0.0827	0.0000	263.2526
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1861**	**1.9491**	**1.8747**	**2.9100e-003**		**0.1056**	**0.1056**		**0.0972**	**0.0972**	**0.0000**	**261.5151**	**261.5151**	**0.0827**	**0.0000**	**263.2526**

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	5.8000e-003	8.6600e-003	0.0898	2.6000e-004	0.0215	1.7000e-004	0.0216	5.7000e-003	1.6000e-004	5.8600e-003	0.0000	17.9175	17.9175	8.7000e-004	0.0000	17.9358
Total	**5.8000e-003**	**8.6600e-003**	**0.0898**	**2.6000e-004**	**0.0215**	**1.7000e-004**	**0.0216**	**5.7000e-003**	**1.6000e-004**	**5.8600e-003**	**0.0000**	**17.9175**	**17.9175**	**8.7000e-004**	**0.0000**	**17.9358**

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	0.1861	1.9491	1.8747	2.9100e-003		0.1056	0.1056		0.0972	0.0972	0.0000	261.5147	261.5147	0.0827	0.0000	263.2523
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1861**	**1.9491**	**1.8747**	**2.9100e-003**		**0.1056**	**0.1056**		**0.0972**	**0.0972**	**0.0000**	**261.5147**	**261.5147**	**0.0827**	**0.0000**	**263.2523**

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	5.8000e-003	8.6600e-003	0.0898	2.6000e-004	0.0215	1.7000e-004	0.0216	5.7000e-003	1.6000e-004	5.8600e-003	0.0000	17.9175	17.9175	8.7000e-004	0.0000	17.9358
Total	**5.8000e-003**	**8.6600e-003**	**0.0898**	**2.6000e-004**	**0.0215**	**1.7000e-004**	**0.0216**	**5.7000e-003**	**1.6000e-004**	**5.8600e-003**	**0.0000**	**17.9175**	**17.9175**	**8.7000e-004**	**0.0000**	**17.9358**

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	0.1742	1.8058	1.8802	2.9200e-003		0.0968	0.0968		0.0891	0.0891	0.0000	256.7870	256.7870	0.0831	0.0000	258.5310
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1742**	**1.8058**	**1.8802**	**2.9200e-003**		**0.0968**	**0.0968**		**0.0891**	**0.0891**	**0.0000**	**256.7870**	**256.7870**	**0.0831**	**0.0000**	**258.5310**

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	5.4500e-003	8.0600e-003	0.0839	2.6000e-004	0.0216	1.7000e-004	0.0217	5.7300e-003	1.6000e-004	5.8800e-003	0.0000	17.2556	17.2556	8.3000e-004	0.0000	17.2729
Total	**5.4500e-003**	**8.0600e-003**	**0.0839**	**2.6000e-004**	**0.0216**	**1.7000e-004**	**0.0217**	**5.7300e-003**	**1.6000e-004**	**5.8800e-003**	**0.0000**	**17.2556**	**17.2556**	**8.3000e-004**	**0.0000**	**17.2729**

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	0.1742	1.8058	1.8802	2.9200e-003		0.0968	0.0968		0.0891	0.0891	0.0000	256.7867	256.7867	0.0831	0.0000	258.5307
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1742**	**1.8058**	**1.8802**	**2.9200e-003**		**0.0968**	**0.0968**		**0.0891**	**0.0891**	**0.0000**	**256.7867**	**256.7867**	**0.0831**	**0.0000**	**258.5307**

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	5.4500e-003	8.0600e-003	0.0839	2.6000e-004	0.0216	1.7000e-004	0.0217	5.7300e-003	1.6000e-004	5.8800e-003	0.0000	17.2556	17.2556	8.3000e-004	0.0000	17.2729
Total	**5.4500e-003**	**8.0600e-003**	**0.0839**	**2.6000e-004**	**0.0216**	**1.7000e-004**	**0.0217**	**5.7300e-003**	**1.6000e-004**	**5.8800e-003**	**0.0000**	**17.2556**	**17.2556**	**8.3000e-004**	**0.0000**	**17.2729**

3.5 Paving - 2021

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	0.1206	1.2408	1.4066	2.1900e-003		0.0652	0.0652		0.0600	0.0600	0.0000	192.0554	192.0554	0.0621	0.0000	193.3598
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1206**	**1.2408**	**1.4066**	**2.1900e-003**		**0.0652**	**0.0652**		**0.0600**	**0.0600**	**0.0000**	**192.0554**	**192.0554**	**0.0621**	**0.0000**	**193.3598**

3.5 Paving - 2021

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	3.8600e-003	5.6300e-003	0.0590	2.0000e-004	0.0161	1.3000e-004	0.0163	4.2800e-003	1.2000e-004	4.4000e-003	0.0000	12.7087	12.7087	5.9000e-004	0.0000	12.7211
Total	**3.8600e-003**	**5.6300e-003**	**0.0590**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0163**	**4.2800e-003**	**1.2000e-004**	**4.4000e-003**	**0.0000**	**12.7087**	**12.7087**	**5.9000e-004**	**0.0000**	**12.7211**

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	0.1206	1.2408	1.4066	2.1900e-003		0.0652	0.0652		0.0600	0.0600	0.0000	192.0551	192.0551	0.0621	0.0000	193.3595
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1206**	**1.2408**	**1.4066**	**2.1900e-003**		**0.0652**	**0.0652**		**0.0600**	**0.0600**	**0.0000**	**192.0551**	**192.0551**	**0.0621**	**0.0000**	**193.3595**

3.5 Paving - 2021

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	3.8600e-003	5.6300e-003	0.0590	2.0000e-004	0.0161	1.3000e-004	0.0163	4.2800e-003	1.2000e-004	4.4000e-003	0.0000	12.7087	12.7087	5.9000e-004	0.0000	12.7211
Total	**3.8600e-003**	**5.6300e-003**	**0.0590**	**2.0000e-004**	**0.0161**	**1.3000e-004**	**0.0163**	**4.2800e-003**	**1.2000e-004**	**4.4000e-003**	**0.0000**	**12.7087**	**12.7087**	**5.9000e-004**	**0.0000**	**12.7211**

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	0.2717					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1032	0.0820	1.3000e-004		8.5500e-003	8.5500e-003		8.5500e-003	8.5500e-003	0.0000	11.1067	11.1067	1.3100e-003	0.0000	11.1342
Total	**0.2877**	**0.1032**	**0.0820**	**1.3000e-004**		**8.5500e-003**	**8.5500e-003**		**8.5500e-003**	**8.5500e-003**	**0.0000**	**11.1067**	**11.1067**	**1.3100e-003**	**0.0000**	**11.1342**

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	0.0161	0.0236	0.2451	5.4000e-004	0.0439	3.7000e-004	0.0443	0.0117	3.4000e-004	0.0120	0.0000	41.1365	41.1365	2.2100e-003	0.0000	41.1830
Total	**0.0161**	**0.0236**	**0.2451**	**5.4000e-004**	**0.0439**	**3.7000e-004**	**0.0443**	**0.0117**	**3.4000e-004**	**0.0120**	**0.0000**	**41.1365**	**41.1365**	**2.2100e-003**	**0.0000**	**41.1830**

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	0.2717					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1032	0.0820	1.3000e-004		8.5500e-003	8.5500e-003		8.5500e-003	8.5500e-003	0.0000	11.1066	11.1066	1.3100e-003	0.0000	11.1341
Total	**0.2877**	**0.1032**	**0.0820**	**1.3000e-004**		**8.5500e-003**	**8.5500e-003**		**8.5500e-003**	**8.5500e-003**	**0.0000**	**11.1066**	**11.1066**	**1.3100e-003**	**0.0000**	**11.1341**

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	0.0161	0.0236	0.2451	5.4000e-004	0.0439	3.7000e-004	0.0443	0.0117	3.4000e-004	0.0120	0.0000	41.1365	41.1365	2.2100e-003	0.0000	41.1830
Total	**0.0161**	**0.0236**	**0.2451**	**5.4000e-004**	**0.0439**	**3.7000e-004**	**0.0443**	**0.0117**	**3.4000e-004**	**0.0120**	**0.0000**	**41.1365**	**41.1365**	**2.2100e-003**	**0.0000**	**41.1830**

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	0.8119					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	**0.8551**	**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	0.8119					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	**0.8551**	**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	0.8150					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	**0.8540**	**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	0.8150					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	**0.8540**	**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	0.8150					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	**0.8498**	**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	0.8150					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	**0.8498**	**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	0.8182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020
Total	**0.8499**	**0.2206**	**0.2399**	**3.9000e-004**		**0.0145**	**0.0145**		**0.0145**	**0.0145**	**0.0000**	**33.4476**	**33.4476**	**2.5900e-003**	**0.0000**	**33.5020**

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	0.0335	0.0494	0.5148	1.6200e-003	0.1322	1.0300e-003	0.1333	0.0351	9.5000e-004	0.0361	0.0000	105.8342	105.8342	5.0600e-003	0.0000	105.9405
Total	**0.0335**	**0.0494**	**0.5148**	**1.6200e-003**	**0.1322**	**1.0300e-003**	**0.1333**	**0.0351**	**9.5000e-004**	**0.0361**	**0.0000**	**105.8342**	**105.8342**	**5.0600e-003**	**0.0000**	**105.9405**

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	0.8182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2206	0.2399	3.9000e-004		0.0145	0.0145		0.0145	0.0145	0.0000	33.4476	33.4476	2.5900e-003	0.0000	33.5020
Total	**0.8499**	**0.2206**	**0.2399**	**3.9000e-004**		**0.0145**	**0.0145**		**0.0145**	**0.0145**	**0.0000**	**33.4476**	**33.4476**	**2.5900e-003**	**0.0000**	**33.5020**

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	0.0335	0.0494	0.5148	1.6200e-003	0.1322	1.0300e-003	0.1333	0.0351	9.5000e-004	0.0361	0.0000	105.8342	105.8342	5.0600e-003	0.0000	105.9405
Total	**0.0335**	**0.0494**	**0.5148**	**1.6200e-003**	**0.1322**	**1.0300e-003**	**0.1333**	**0.0351**	**9.5000e-004**	**0.0361**	**0.0000**	**105.8342**	**105.8342**	**5.0600e-003**	**0.0000**	**105.9405**

3.6 Architectural Coating - 2021

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	0.6121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0215	0.1496	0.1781	2.9000e-004		9.2200e-003	9.2200e-003		9.2200e-003	9.2200e-003	0.0000	25.0219	25.0219	1.7200e-003	0.0000	25.0580
Total	**0.6335**	**0.1496**	**0.1781**	**2.9000e-004**		**9.2200e-003**	**9.2200e-003**		**9.2200e-003**	**9.2200e-003**	**0.0000**	**25.0219**	**25.0219**	**1.7200e-003**	**0.0000**	**25.0580**

3.6 Architectural Coating - 2021

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	0.0237	0.0346	0.3618	1.2100e-003	0.0989	7.7000e-004	0.0997	0.0263	7.2000e-004	0.0270	0.0000	77.9465	77.9465	3.6300e-003	0.0000	78.0227
Total	**0.0237**	**0.0346**	**0.3618**	**1.2100e-003**	**0.0989**	**7.7000e-004**	**0.0997**	**0.0263**	**7.2000e-004**	**0.0270**	**0.0000**	**77.9465**	**77.9465**	**3.6300e-003**	**0.0000**	**78.0227**

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	0.6121					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0215	0.1496	0.1781	2.9000e-004		9.2200e-003	9.2200e-003		9.2200e-003	9.2200e-003	0.0000	25.0219	25.0219	1.7200e-003	0.0000	25.0579
Total	**0.6335**	**0.1496**	**0.1781**	**2.9000e-004**		**9.2200e-003**	**9.2200e-003**		**9.2200e-003**	**9.2200e-003**	**0.0000**	**25.0219**	**25.0219**	**1.7200e-003**	**0.0000**	**25.0579**

3.6 Architectural Coating - 2021

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	0.0237	0.0346	0.3618	1.2100e-003	0.0989	7.7000e-004	0.0997	0.0263	7.2000e-004	0.0270	0.0000	77.9465	77.9465	3.6300e-003	0.0000	78.0227
Total	**0.0237**	**0.0346**	**0.3618**	**1.2100e-003**	**0.0989**	**7.7000e-004**	**0.0997**	**0.0263**	**7.2000e-004**	**0.0270**	**0.0000**	**77.9465**	**77.9465**	**3.6300e-003**	**0.0000**	**78.0227**

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	4.4000	13.8948	52.6911	0.1014	7.0002	0.2064	7.2067	1.8727	0.1895	2.0623	0.0000	8,533.0831	8,533.0831	0.3936	0.0000	8,541.3476
Unmitigated	4.4000	13.8948	52.6911	0.1014	7.0002	0.2064	7.2067	1.8727	0.1895	2.0623	0.0000	8,533.0831	8,533.0831	0.3936	0.0000	8,541.3476

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse	1,054.40	1,145.60	971.20	3,606,950	3,606,950
Single Family Housing	4,373.49	4,606.56	4007.89	14,880,183	14,880,183
Total	5,427.89	5,752.16	4,979.09	18,487,134	18,487,134

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
0.516610	0.060517	0.179979	0.140587	0.041566	0.006616	0.015092	0.027587	0.001923	0.002530	0.004314	0.000602	0.002075

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	1,175.9261	1,175.9261	0.0541	0.0112	1,180.5281
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,175.9261	1,175.9261	0.0541	0.0112	1,180.5281
NaturalGas Mitigated	0.0918	0.7845	0.3338	5.0100e-003		0.0634	0.0634		0.0634	0.0634	0.0000	908.5434	908.5434	0.0174	0.0167	914.0726
NaturalGas Unmitigated	0.0918	0.7845	0.3338	5.0100e-003		0.0634	0.0634		0.0634	0.0634	0.0000	908.5434	908.5434	0.0174	0.0167	914.0726

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	2.13338e+006	0.0115	0.0983	0.0418	6.3000e-004		7.9500e-003	7.9500e-003		7.9500e-003	7.9500e-003	0.0000	113.8455	113.8455	2.1800e-003	2.0900e-003	114.5383
Single Family Housing	1.48921e+007	0.0803	0.6862	0.2920	4.3800e-003		0.0555	0.0555		0.0555	0.0555	0.0000	794.6979	794.6979	0.0152	0.0146	799.5343
Total		**0.0918**	**0.7845**	**0.3338**	**5.0100e-003**		**0.0634**	**0.0634**		**0.0634**	**0.0634**	**0.0000**	**908.5434**	**908.5434**	**0.0174**	**0.0167**	**914.0726**

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					
Single Family Housing	1.48921e+007	0.0803	0.6862	0.2920	4.3800e-003		0.0555	0.0555		0.0555	0.0555	0.0000	794.6979	794.6979	0.0152	0.0146	799.5343
Condo/Townhouse	2.13338e+006	0.0115	0.0983	0.0418	6.3000e-004		7.9500e-003	7.9500e-003		7.9500e-003	7.9500e-003	0.0000	113.8455	113.8455	2.1800e-003	2.0900e-003	114.5383
Total		**0.0918**	**0.7845**	**0.3338**	**5.0100e-003**		**0.0634**	**0.0634**		**0.0634**	**0.0634**	**0.0000**	**908.5434**	**908.5434**	**0.0174**	**0.0167**	**914.0726**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	703522	201.3246	9.2500e-003	1.9100e-003	202.1125
Single Family Housing	3.40571e+006	974.6015	0.0448	9.2700e-003	978.4156
Total		**1,175.9261**	**0.0541**	**0.0112**	**1,180.5281**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse	703522	201.3246	9.2500e-003	1.9100e-003	202.1125
Single Family Housing	3.40571e+006	974.6015	0.0448	9.2700e-003	978.4156
Total		**1,175.9261**	**0.0541**	**0.0112**	**1,180.5281**

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	4.1776	0.0773	6.5183	3.4000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	10.3937	10.3937	0.0111	0.0000	10.6264
Unmitigated	6.8045	0.1439	11.5573	8.3500e-003		0.8004	0.8004		0.8003	0.8003	85.1877	174.0952	259.2829	0.2651	5.7800e-003	266.6430

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	3.5506					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.6269	0.0667	5.0390	8.0200e-003		0.7658	0.7658		0.7657	0.7657	85.1877	163.7015	248.8892	0.2541	5.7800e-003	256.0166
Landscaping	0.2126	0.0773	6.5183	3.4000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	10.3937	10.3937	0.0111	0.0000	10.6264
Total	**6.8045**	**0.1439**	**11.5573**	**8.3600e-003**		**0.8004**	**0.8004**		**0.8003**	**0.8003**	**85.1877**	**174.0952**	**259.2829**	**0.2651**	**5.7800e-003**	**266.6430**

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	3.5506					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	0.2126	0.0773	6.5183	3.4000e-004		0.0346	0.0346		0.0346	0.0346	0.0000	10.3937	10.3937	0.0111	0.0000	10.6264
Total	**4.1776**	**0.0773**	**6.5183**	**3.4000e-004**		**0.0346**	**0.0346**		**0.0346**	**0.0346**	**0.0000**	**10.3937**	**10.3937**	**0.0111**	**0.0000**	**10.6264**

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

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 6/19/2014
** File: C:\AERMOD\LosValles\IDAltNOx\IDAltCO\IDAltCO\IDAltCO.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE
C:\AERMOD\LosValles\IDAltNOx\IDAltCO\IDAltCO\IDAltCO.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 8 PERIOD
   POLLUTID CO
   RUNORNOT RUN
   ERRORFIL IDAltCO.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              10.4     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 IDAltCO.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 IDALTCO.AD\01H1GALL.PLT 31
   PLOTFILE 8 ALL 1ST IDALTCO.AD\08H1GALL.PLT 32
   PLOTFILE 1 ALL 8TH IDALTCO.AD\01H8GALL.PLT 33
   PLOTFILE PERIOD ALL IDALTCO.AD\PE00GALL.PLT 34
   SUMMFILE IDAltCO.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\IDAltNOx\IDAltCO\IDAltCO\IDAltCO.isc
***        06/19/14
                                   ***
***        14:40:16

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: IDAltCO.err
**File for Summary of Results: IDAltCO.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	0.10400E+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	609.00
3816020.46	609.00	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	609.00
3815870.46	609.00	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	609.00
3815720.46	609.00	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	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
520.00
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
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 ,

*** 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	1.72379	2.09202	2.05038	1.74691	1.55042	1.58504	1.60090	1.42564	1.56040
3816020.46	2.22412	2.39551	2.21623	1.73776	1.69266	1.69017	1.86828	1.62473	1.73180
3815945.46	2.66991	2.66622	2.33170	1.82940	1.97462	1.82307	2.13792	1.80840	1.93738
3815870.46	3.25200	3.15965	2.84668	2.54166	2.34789	2.19450	2.46736	2.18259	2.17693
3815795.46	3.53824	3.60598	3.48677	3.25273	2.64972	3.10215	3.02440	2.65558	2.53974
3815720.46	4.22602	4.04888	3.69461	2.79134	2.66768	3.99057	3.51322	3.16639	2.98136
3815645.46	4.64671	4.72817	4.23817	3.09291	3.14609	4.60726	4.18286	4.04269	3.28402

3815570.46 | 4.47341 5.56293 4.97422
3.28849 3.63132 6.31697 4.96342 3.42507
2.81203
3815495.46 | 4.69248 6.34671 5.38691
3.25382 5.55942 6.44228 4.44855 3.07209
2.72291
3815420.46 | 6.74295 7.34752 5.49766
3.54452 7.44323 7.04084 4.13479 3.20929
3.80359
3815345.46 | 7.79581 8.58355 5.95966
4.52960 9.55283 7.56394 5.60215 5.84535
4.42168
3815270.46 | 9.24014 9.56088 6.47612
6.58819 12.07488 9.42229 6.44103 4.25605
3.50430
3815195.46 | 10.43424 10.81028 8.56382
7.28332 14.05434 13.70040 9.89815 5.45715
4.03749
3815120.46 | 11.34688 11.34723 9.73808
7.52790 11.19126 19.53727 14.04694 9.52798
5.79479
3815045.46 | 12.22353 12.30804 11.75075
9.75156 11.10703 24.02286 20.91478 16.31424
9.64609
3814970.46 | 12.16287 10.96349 9.22354
8.47211 8.55543 21.29440 28.38819 18.22592
12.03838
3814895.46 | 6.22891 6.11030 5.23099
6.62540 8.99046 15.28063 34.73192 34.05255
22.74655
3814820.46 | 6.17205 7.62251 5.80192
8.63171 10.85478 12.74831 34.81274 38.23929
23.36395
3814745.46 | 9.59124 12.93639 9.15251
13.46491 14.66140 14.13385 31.37697 38.77766
41.46582
3814670.46 | 15.82300 17.29606 15.36235
14.63664 22.79417 26.85767 36.04392 42.70337
45.14316
3814595.46 | 15.31604 18.75543 22.23340
23.58184 23.36470 31.88006 36.31520 41.14215
40.72556
3814520.46 | 14.32555 17.23493 20.81261
23.72393 29.54219 32.97801 36.87261 41.50511
28.55510
3814445.46 | 13.63016 16.20321 18.92293
21.57445 27.85854 31.01571 34.66844 38.98196
38.99731
3814370.46 | 8.78422 13.06645 15.71452
18.65376 26.11817 28.93097 32.28108 36.00876
40.56412
3814295.46 | 2.15488 4.98932 9.67903

15.00321 17.16114 20.69075 29.91070 33.30232
37.19670
3814220.46 | 1.06716 3.13272 6.80442
5.99904 8.45223 11.15841 27.49474 30.84429
34.03887
3814145.46 | 1.49804 2.44639 1.57414
1.03477 1.56951 7.25578 15.50405 28.58063
31.64861
3814070.46 | 1.30629 0.57980 0.29102
0.34996 1.00845 5.98169 12.29392 12.08137
29.66377
3813995.46 | 0.38569 0.23167 0.20764
0.29547 0.57250 2.28144 3.05974 4.90760
15.42553
3813920.46 | 0.78605 0.50717 0.36665
0.20811 0.34732 0.94751 0.75752 1.37206
5.75528
3813845.46 | 2.51174 1.44096 0.38827
0.21373 0.25504 0.27100 0.36599 0.54294
1.45183
3813770.46 | 3.31841 2.87784 1.20358
0.34390 0.42358 0.37233 0.44108 0.55328
1.82395
3813695.46 | 5.28130 3.22586 0.82956
0.50370 0.75018 0.89758 1.78266 2.55924
12.02115
3813620.46 | 6.18024 4.99364 1.56481
0.56769 1.29647 3.17771 5.50617 9.28188
8.60122
3813545.46 | 5.70447 1.64583 0.44297
0.41729 1.55795 3.11856 2.26050 6.38309
4.48848
3813470.46 | 2.28357 0.48359 1.16205
1.14544 0.89726 0.56620 0.61520 3.37697
2.03671
3813395.46 | 3.89967 2.48902 4.71338
3.75425 2.83727 0.63134 0.49049 1.35411
0.62432
3813320.46 | 10.98315 11.55430 6.41818
5.85982 2.75363 1.90586 0.44373 0.37494
0.42891
3813245.46 | 6.26622 5.80850 3.69034
1.96160 0.43464 0.36094 0.27668 0.21352
0.24560
3813170.46 | 3.00598 2.13920 0.82925
0.37400 0.32397 0.45751 0.22740 0.20824
0.32616

**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	1.54854	1.29064	1.46193	1.22177	1.21719	1.13096	1.16418	1.39852	1.37958
3816020.46	1.64507	1.42213	1.62963	1.36578	1.46448	1.26392	1.43841	1.54583	1.46917
3815945.46	1.85340	1.80638	1.85069	1.61472	1.68338	1.37218	1.54159	1.75128	1.61449
3815870.46	2.11040	2.06349	2.01480	1.94571	1.93668	1.74641	1.70203	1.95260	2.16793
3815795.46	2.41224	2.26283	2.36949	2.33314	2.23751	2.04917	1.92685	1.91441	2.27941
3815720.46	2.64986	2.58585	2.87896	2.72211	2.55746	2.38432	2.20382	2.18229	2.52871
3815645.46	2.89881	2.67896	3.02597	3.16868	2.95451	2.73053	2.38988	2.22949	2.32045

3815570.46 | 2.80139 2.80212 3.18179
3.74170 3.34590 2.78469 2.34375 2.18474
2.22605
3815495.46 | 2.75557 2.98798 3.16588
4.27980 3.48606 2.91480 2.65066 2.50278
2.08866
3815420.46 | 3.01237 3.23168 4.09364
5.27727 4.29485 3.72290 3.17389 2.86007
2.56545
3815345.46 | 3.40271 3.71456 5.31782
5.69059 3.82955 3.35368 3.28500 2.62988
2.51438
3815270.46 | 4.26009 4.60895 6.20406
7.70685 4.40138 4.15121 3.75573 3.01063
3.32896
3815195.46 | 5.93658 6.63252 11.58374
7.43319 5.83611 4.71614 4.23846 3.81506
4.12259
3815120.46 | 9.10521 11.21549 13.59653
9.82078 6.80098 5.14788 4.74739 4.95314
5.31008
3815045.46 | 11.81060 16.91913 15.25385
7.34140 7.43761 6.65335 6.15703 6.59790
7.27320
3814970.46 | 11.74320 27.30805 24.99334
17.78344 10.59382 6.78771 8.39562 10.20357
9.58191
3814895.46 | 18.10161 33.34282 23.26490
14.71434 10.17341 9.39010 12.53863 17.68363
9.59148
3814820.46 | 35.76674 50.31761 33.92786
22.27834 26.16895 21.46869 20.15237 24.84838
15.50794
3814745.46 | 47.96136 51.44993 23.92334
35.81653 32.67355 32.38834 39.56767 31.21723
12.48712
3814670.46 | 52.87569 49.82237 35.30165
50.33077 71.71954 63.22709 75.52344 43.54211
21.00423
3814595.46 | 46.37465 22.21494 36.31162
82.88513 102.42814 98.44518 119.56759 83.58406
49.42568
3814520.46 | 18.61828 26.03034 41.70605
81.03267 101.43929 112.77002 143.58006 147.24571
55.66914
3814445.46 | 41.44562 51.26441 54.85109
65.55090 97.02676 118.52661 135.79774 75.19913
63.10711
3814370.46 | 46.37224 52.46828 60.10685
72.67750 87.80508 109.71996 56.69021 84.00462
99.13060
3814295.46 | 41.70810 46.93056 53.92980

63.09307 76.48916 93.27505 104.02425 135.96067
91.47276
3814220.46 | 37.69519 42.26129 47.82017
55.11959 64.39825 76.32412 94.66444 129.81408
143.83183
3814145.46 | 34.75243 38.36379 42.63989
48.33366 55.22232 64.44908 76.42756 95.06031
129.96701
3814070.46 | 31.93403 35.43724 39.69832
43.77477 49.21120 56.11052 65.76515 79.25328
99.39546
3813995.46 | 31.10571 34.83335 38.49141
40.17531 44.66570 50.66463 58.85732 69.92309
85.10937
3813920.46 | 29.23988 31.54907 34.73738
38.27422 42.30700 47.90248 54.49334 62.43203
74.61139
3813845.46 | 27.94596 30.84392 34.39811
39.04609 21.96624 51.58352 51.82535 57.65038
65.74226
3813770.46 | 26.74177 2.56427 2.17755
4.79923 5.00142 47.58500 47.57157 53.44771
58.89149
3813695.46 | 7.66212 2.09778 0.37023
0.71551 4.15127 43.48696 48.51372 50.39742
52.12954
3813620.46 | 8.81965 1.64744 0.56606
0.49660 0.88870 2.09533 43.62642 48.75352
51.95234
3813545.46 | 2.94669 4.27659 1.50565
0.79770 3.44431 15.23501 11.48693 1.70043
7.51236
3813470.46 | 0.79839 1.40571 1.74408
0.76298 1.09560 4.98452 3.07003 0.49500
2.22205
3813395.46 | 0.44544 0.38758 0.95635
0.84840 3.02379 1.50701 13.76195 9.38403
1.52498
3813320.46 | 0.27305 0.38718 0.52734
0.71427 7.62548 14.33816 29.00533 31.02272
12.34896
3813245.46 | 0.45968 0.87970 3.05384
2.02244 2.95045 3.04907 14.87994 26.58917
29.56960
3813170.46 | 0.50596 1.11934 3.08001
8.88379 6.39302 22.66257 23.90405 24.49573
24.73753

**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	1.48816	1.54024	1.81274	2.01929	2.01014	2.00869	2.04810	2.86548	2.22112
3816020.46	1.79853	1.88014	1.93852	2.41296	2.66764	2.96121	2.33540	2.90800	3.58713
3815945.46	2.06175	2.63547	2.50624	2.86993	3.31743	3.73017	3.86492	3.38718	4.83877
3815870.46	2.18966	2.93697	3.44404	3.85395	4.21598	4.59032	5.27203	5.16968	5.83193
3815795.46	2.81204	3.24864	3.77212	4.35591	5.01053	5.97211	7.04410	9.08433	10.33600
3815720.46	2.74312	2.55152	2.88670	4.73156	5.57176	7.04663	6.52929	7.49284	13.09010
3815645.46	2.62181	2.48937	3.86780	5.17219	5.07709	5.26870	7.03258	9.38664	13.09673

3815570.46 | 2.58597 2.66285 3.82563
4.04771 4.29737 5.42838 5.50382 8.07131
8.80118
3815495.46 | 2.53152 2.68175 3.34891
3.08034 3.99614 4.93613 4.05985 4.55431
5.57314
3815420.46 | 2.55729 2.64372 2.88413
3.54568 4.03750 4.08303 3.78360 4.25211
4.01709
3815345.46 | 2.29698 2.48115 2.64202
3.46040 3.76807 3.83134 3.68077 3.87220
3.32013
3815270.46 | 2.83282 3.12359 3.01746
3.32015 3.26215 3.67055 3.70067 3.50406
2.99891
3815195.46 | 3.88859 3.56592 3.69192
4.34833 4.36818 4.20935 4.77046 4.22685
3.03719
3815120.46 | 4.82256 4.32214 3.76653
5.14513 5.35121 5.05945 5.57470 4.67209
3.45202
3815045.46 | 5.99652 5.07227 5.11168
5.55816 6.83980 6.32717 6.58022 5.20823
4.05601
3814970.46 | 6.27920 5.87958 6.98052
6.44720 8.10108 8.15653 7.54514 6.09065
4.08413
3814895.46 | 8.32459 8.09148 9.49072
7.83919 9.94189 10.70416 7.97360 5.35213
4.20980
3814820.46 | 10.04609 10.68852 13.52046
11.01131 13.30841 12.07475 8.58631 6.65132
5.71870
3814745.46 | 11.26614 12.37464 17.11694
15.46013 19.75011 15.24247 12.05456 9.57249
7.93748
3814670.46 | 21.43281 28.15702 23.20472
26.45096 30.93024 24.23010 18.82961 13.78365
10.34153
3814595.46 | 40.17723 67.23588 68.30667
50.43406 49.30198 34.47835 25.45922 18.05318
12.21067
3814520.46 | 48.04012 137.74640 123.46663
130.20610 62.20610 30.60595 25.14132 17.08952
12.96032
3814445.46 | 69.17421 278.86312 386.06998
260.74831 113.19606 66.58815 38.83756 30.72215
14.90053
3814370.46 | 173.06608 435.91801 572.71817
219.37806 89.25664 95.84913 86.27486 38.70810
28.61593
3814295.46 | 279.00880 446.69835 381.89225

142.02622 0.00000 0.00000 0.00000 60.07711
31.36088
3814220.46 | 262.29087 372.72095 147.13172
0.00000 0.00000 0.00000 0.00000 127.47765
41.70697
3814145.46 | 179.93529 269.46653 469.48563
0.00000 0.00000 0.00000 0.00000 350.33874
424.56944
3814070.46 | 132.40325 188.96316 269.01465
515.54863 0.00000 0.00000 0.00000 172.01088
585.12203
3813995.46 | 107.71337 140.86015 190.20405
259.54175 340.73698 489.64269 275.24145 469.70731
368.37757
3813920.46 | 90.75500 112.51861 141.03242
175.01351 209.26344 240.03267 288.10062 261.70461
280.72820
3813845.46 | 76.61140 90.43570 107.26306
124.83967 140.09462 152.16026 161.32844 173.78717
182.93505
3813770.46 | 64.87526 73.70533 83.83493
93.57142 101.25995 106.81043 111.50173 116.67128
141.42360
3813695.46 | 55.49343 61.28343 67.35506
72.96192 77.23696 80.20246 82.67442 107.86728
100.46847
3813620.46 | 52.83476 55.22598 55.38729
58.73764 61.20833 62.88702 64.36695 66.19622
68.11811
3813545.46 | 22.74953 49.43861 47.36515
49.11522 50.07250 50.98856 51.85271 52.84214
54.23423
3813470.46 | 44.67774 44.90550 42.31241
44.00970 42.53209 42.44236 42.91859 43.51293
44.43858
3813395.46 | 7.54108 41.92480 43.88179
41.49711 37.33008 36.18647 36.39089 36.73595
37.24831
3813320.46 | 34.60590 20.30447 4.63429
18.24410 37.01078 33.08322 32.59093 31.67114
31.79007
3813245.46 | 29.03367 31.40684 32.59931
6.19864 11.24062 34.47509 29.78507 28.62033
28.13249
3813170.46 | 26.07676 24.83771 25.94620
30.07877 16.25891 9.54311 30.56268 27.34410
25.20426

**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	2.64323	1.71476	1.54874	2.73533	1.60492	1.89210	1.08660	1.44862	8.88419
3816020.46	3.54297	3.52447	3.03158	2.94430	3.93784	3.79002	2.27279	3.32994	5.28235
3815945.46	4.62969	5.35332	7.86370	10.33089	7.59092	9.06590	6.87928	11.87104	9.36259
3815870.46	6.92777	8.32547	13.12431	14.78969	12.01315	12.80315	9.93913	15.96792	12.61425
3815795.46	10.62310	11.92648	13.57908	16.29273	18.53654	15.85184	17.45364	16.90992	16.16606
3815720.46	15.29115	15.73833	16.84546	20.51125	19.94197	19.25970	18.51166	17.61077	16.74911
3815645.46	15.58448	19.27788	19.61019	22.09631	21.25686	20.01354	19.07233	17.77551	16.83544

3815570.46 | 7.50132 17.41127 19.61995
18.78693 22.93148 21.35902 20.75621 18.92081
17.51288
3815495.46 | 3.58144 6.21208 10.95379
4.71214 14.45376 20.61132 22.61464 20.73353
19.04587
3815420.46 | 2.93988 4.78210 5.91065
11.03878 17.96617 21.09580 24.26006 22.62364
20.75238
3815345.46 | 2.77005 2.78803 4.46315
7.34204 8.39653 12.12698 22.45458 24.64000
22.61237
3815270.46 | 3.10941 3.23021 4.09521
3.51376 2.56557 3.98455 10.80702 3.67911
18.29523
3815195.46 | 2.92560 2.90475 2.89077
2.63556 2.26900 2.25213 2.23853 3.73516
13.31568
3815120.46 | 3.38830 2.93442 2.78450
2.74748 2.61805 2.26965 2.14784 2.25781
4.05036
3815045.46 | 3.59625 3.64418 3.35372
2.98350 3.08548 2.38039 2.16596 2.33814
2.34854
3814970.46 | 4.19066 3.73295 4.13792
3.36301 3.80658 2.65372 2.62396 2.19352
4.27791
3814895.46 | 4.40915 4.54735 4.12621
4.43518 4.43768 3.49472 3.99174 4.03191
8.14041
3814820.46 | 5.16969 5.16254 4.98688
4.43879 5.06758 6.75113 10.87910 24.56328
32.77517
3814745.46 | 5.92231 5.25879 4.27804
3.79060 3.60568 3.31032 3.68850 3.40009
21.99858
3814670.46 | 8.22071 5.80448 5.19958
4.81106 3.97126 3.41026 5.74199 9.67320
7.65311
3814595.46 | 8.94487 6.56045 6.35027
6.86657 8.62054 4.11876 9.38716 58.05687
47.46661
3814520.46 | 9.54123 7.05605 8.04551
17.81517 37.68365 41.77056 20.82560 61.79777
50.82166
3814445.46 | 10.83684 8.23670 8.07906
8.69289 15.30327 84.25603 76.20761 65.06767
68.26423
3814370.46 | 12.91668 15.95629 27.43480
23.64943 7.85415 15.26033 74.33376 45.53620
62.57652
3814295.46 | 17.27940 23.17474 82.12058

175.00407 115.99526 59.50272 72.81688 62.14171
67.57079
3814220.46 | 25.28557 16.89560 97.22429
173.23523 136.13561 113.44552 98.36716 19.23096
38.37553
3814145.46 | 26.79666 50.99907 28.07011
233.59007 132.55700 100.97770 103.41279 83.56111
92.56046
3814070.46 | 57.01430 46.65188 44.62268
174.63843 128.73603 98.65836 86.59247 77.14781
67.87246
3813995.46 | 347.39941 256.45220 39.38608
165.50500 119.02003 100.98287 81.54962 68.98693
63.09444
3813920.46 | 315.96319 42.93629 40.57094
157.64406 133.20830 91.44289 78.51825 65.94503
57.72247
3813845.46 | 192.33145 163.13176 150.19856
104.96689 146.40243 104.26093 91.67135 67.49248
57.58987
3813770.46 | 143.85900 129.57497 127.67686
106.71948 100.78986 92.01101 115.93784 108.15104
57.13292
3813695.46 | 90.28310 91.96378 91.36391
79.63969 77.09070 83.95099 75.23943 62.71968
48.76964
3813620.46 | 69.87375 70.83836 72.71231
66.12084 64.17430 63.05249 63.45799 52.09876
44.16160
3813545.46 | 55.68948 56.60400 56.27123
55.25319 56.77001 51.44309 60.32356 46.12823
40.28312
3813470.46 | 45.60451 46.58216 46.91217
46.58295 45.34538 48.46080 46.85017 41.97923
37.21634
3813395.46 | 38.11255 38.98541 39.59221
39.67319 39.11178 38.73877 42.66095 44.78693
33.70122
3813320.46 | 32.39577 33.09369 33.75462
34.12882 34.06846 33.61932 35.60725 32.85977
30.66491
3813245.46 | 27.97949 28.49443 29.09911
29.59393 29.78225 29.56898 29.09200 31.74341
27.39807
3813170.46 | 24.66572 24.92082 25.36864
25.84410 26.18035 26.20541 25.93688 26.17643
25.10855

**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	3.76473	2.30192	2.49533	6.80429
3816020.46	10.33053	4.29193	9.47824	10.70586
3815945.46	14.13164	9.57376	11.53660	12.38773
3815870.46	14.92388	12.18044	13.29488	12.69827
3815795.46	15.71861	14.60595	14.64275	12.93225
3815720.46	16.03896	15.38696	14.06839	13.50477
3815645.46	16.21680	15.63541	14.56728	13.47423
3815570.46	16.54384	16.02841	15.28125	14.82564
3815495.46	17.57777	16.30062	15.46050	14.87114
3815420.46	18.89325	17.17660	16.20168	15.11825
3815345.46	20.30485	19.14974	17.50466	16.01485

3815270.46	23.73289	22.74889	19.47898	17.26723
3815195.46	19.48930	23.68940	22.94373	20.98121
3815120.46	5.10657	4.76354	6.79123	23.01440
3815045.46	3.44701	6.10696	22.94308	21.90593
3814970.46	4.21730	3.52533	5.22429	18.00502
3814895.46	19.46061	6.02284	12.24504	20.99977
3814820.46	36.11269	21.26769	14.33896	31.39101
3814745.46	41.23168	36.84977	35.36973	21.74009
3814670.46	42.37263	39.83611	36.37664	31.63089
3814595.46	46.43008	47.27470	43.66284	34.46662
3814520.46	42.99216	38.95622	38.70646	37.66161
3814445.46	53.16600	43.83556	35.47058	37.92615
3814370.46	51.64996	46.73240	36.46355	35.38339
3814295.46	53.53337	42.62245	37.95948	35.94397
3814220.46	57.39088	49.76475	39.66942	35.36821
3814145.46	91.42438	50.31297	48.55661	37.15747
3814070.46	66.97921	60.93286	51.15356	38.38235
3813995.46	53.26129	47.50334	45.70708	40.14468
3813920.46	51.26253	45.76918	41.21731	37.36964
3813845.46	49.17583	44.15554	39.79302	36.18890
3813770.46	51.92591	45.55672	38.32494	34.80142
3813695.46	43.90721	39.90167	36.20505	33.22750
3813620.46	40.46132	37.16984	34.23668	31.60497
3813545.46	37.40518	34.71382	32.23982	29.95917
3813470.46	34.30908	32.19698	30.17841	28.25664
3813395.46	31.34353	29.69613	28.08282	26.51057

3813320.46	28.57604	27.28124	25.99941	24.73028
3813245.46	26.06312	25.01348	23.99029	22.97745
3813170.46	23.81637	22.96255	22.12778	21.30011

**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	5.39183
350283.70	3815266.49	3.29246
350539.82	3814604.70	5.00931
350467.63	3814245.45	147.09097
350008.68	3813941.20	312.46023
350147.91	3813936.04	280.72387
350557.01	3814453.44	82.08013
349200.78	3815251.02	4.41150
349173.28	3815257.89	4.15895
348862.58	3814174.11	36.56726
348862.58	3815183.55	7.21949
350494.71	3815179.68	2.31179
350486.97	3814363.62	8.93215
350216.24	3814363.62	13.32782
350216.24	3814193.45	22.07196
349991.92	3813969.12	430.05646
349794.67	3813961.39	251.46838
349597.42	3814065.81	186.06975
349121.71	3814085.15	48.28718

**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 | 154.12045 (05070207) 163.81902 (05031509)
175.94895 (05022008) 171.23344 (05022008) 129.72181
(05111210)
3816020.5 | 166.11690 (05070207) 157.39966 (05070207)
169.30690 (05031509) 170.95577 (05031508) 158.83787
(05031508)
3815945.5 | 168.74832 (05100408) 170.62575 (05070207)
158.79296 (05070207) 172.94176 (05031509) 175.71231
(05022008)
3815870.5 | 157.43396 (05100408) 173.43922 (05100408)
174.79128 (05070207) 163.52132 (05031509) 178.94379
(05031509)
3815795.5 | 173.47888 (05052207) 161.79448 (05100408)
178.10539 (05100408) 179.30747 (05070207) 171.32303
(05031509)
3815720.5 | 168.27550 (05052207) 178.44298 (05052207)
166.05901 (05100408) 181.65746 (05100408) 182.38045
(05070207)
3815645.5 | 152.30256 (05121724) 170.95810 (05052207)
183.23300 (05052207) 170.24690 (05052207) 186.86107
(05100408)
3815570.5 | 173.43581 (05081607) 183.69345 (05121724)

173.22272 (05052207)   186.85616 (05052207)   176.61077
(05052207)
 3815495.5 | 180.27869 (05031311)   200.66779 (05030424)
163.56795 (05081607)   172.72333 (05052207)   193.99758
(05052207)
 3815420.5 | 192.95856 (05102501)   227.85917 (05122620)
189.32311 (05081607)   172.41440 (05081607)   232.79890
(05010218)
 3815345.5 | 237.64977 (05070706)   256.20767 (05102501)
191.29396 (05031311)   194.21571 (05081607)   289.95218
(05030424)
 3815270.5 | 283.41037 (05022004)   287.52913 (05070706)
167.31053 (05031311)   193.43426 (05031311)   361.29435
(05011018)
 3815195.5 | 367.01300 (05063006)   354.42162 (05063006)
222.46755 (05070706)   180.26331 (05070706)   408.99881
(05030501)
 3815120.5 | 435.58960 (05031307)   373.27160 (05031307)
319.00816 (05063006)   215.31702 (05063006)   298.60723
(05070706)
 3815045.5 | 471.71002 (05123120)   450.63122 (05031307)
390.36990 (05031307)   299.59046 (05063006)   333.41428
(05063006)
 3814970.5 | 602.29012 (05062806)   413.67119 (05062806)
300.62677 (05123120)   252.10740 (05070406)   227.40145
(05063006)
 3814895.5 | 284.21439 (05052706)   239.14821 (05052706)
190.92628 (05122309)   179.13370 (05120309)   253.14749
(05123120)
 3814820.5 | 304.85581 (05102207)   350.34064 (05052706)
265.09826 (05052706)   328.41068 (05052706)   387.42193
(05062806)
 3814745.5 | 644.07218 (05032507)   719.42552 (05032507)
440.21873 (05102207)   611.18002 (05050724)   641.76711
(05050724)
 3814670.5 | 1223.46648 (05030804)   1227.13740 (05030804)
1025.60175 (05032507)   890.40804 (05032507)   1278.35470
(05042924)
 3814595.5 | 1289.34571 (05062204)   1310.40389 (05062204)
1245.42325 (05062204)   1430.52509 (05030804)   1502.33142
(05030804)
 3814520.5 | 1283.38714 (05122820)   1257.37989 (05122820)
1074.98269 (05122820)   1043.76182 (05062204)   604.07780
(05031001)
 3814445.5 | 1288.70854 (05122823)   1252.68293 (05122823)
1121.80572 (05051403)   1064.72047 (05051403)   613.98856
(05030701)
 3814370.5 | 1163.13392 (05051902)   1363.49394 (05052203)
1354.23247 (05052203)   1231.80151 (05052203)   619.70554
(05110622)
 3814295.5 | 370.61394 (05061001)   788.36535 (05010205)
1350.54728 (05041424)   1440.27409 (05041424)   1469.25313

(05100303)
3814220.5 | 264.57383 (05060406) 616.08800 (05010205) 1213.41400 (05123021) 1036.34234 (05010205) 1362.69271 (05123021)
3814145.5 | 335.24372 (05093001) 519.73062 (05093001) 326.57412 (05093001) 214.53526 (05090724) 294.40317 (05093001)
3814070.5 | 355.39238 (05041301) 161.60774 (05051401) 113.94118 (05091607) 120.84455 (05091607) 270.81332 (05021924)
3813995.5 | 138.37551 (05021924) 143.77279 (05021011) 156.05868 (05021011) 174.48327 (05021011) 231.07786 (05123122)
3813920.5 | 380.53727 (05123122) 276.30034 (05123122) 211.90152 (05021011) 214.04120 (05021011) 222.43015 (05021011)
3813845.5 | 980.52649 (05061924) 571.76860 (05111322) 191.53929 (05021011) 179.33535 (05021011) 184.29091 (05120409)
3813770.5 | 1133.08642 (05011219) 1104.27529 (05010622) 592.30822 (05010622) 214.62432 (05120409) 222.63147 (05120409)
3813695.5 | 1165.05794 (05010622) 1152.39787 (05010622) 410.44790 (05020519) 232.71078 (05020519) 323.29986 (05020519)
3813620.5 | 841.60956 (05010622) 837.10414 (05020519) 603.03790 (05121703) 310.91962 (05121703) 745.72545 (05121703)
3813545.5 | 847.63761 (05121703) 831.36931 (05121703) 314.71541 (05121703) 294.83527 (05121703) 860.32417 (05121703)
3813470.5 | 1068.51805 (05121703) 370.98806 (05121703) 698.33112 (05121703) 587.57080 (05112218) 436.79099 (05112218)
3813395.5 | 1134.70078 (05030805) 1122.47418 (05030805) 1284.51005 (05030805) 1262.36081 (05062302) 1211.03838 (05062302)
3813320.5 | 349.75070 (05011702) 376.33055 (05030624) 1078.55944 (05062302) 1214.66531 (05062302) 1177.85106 (05112219)
3813245.5 | 845.81920 (05062302) 1015.19908 (05062302) 1198.59330 (05112219) 989.01244 (05112219) 218.01381 (05123022)
3813170.5 | 1057.85054 (05062302) 1038.30193 (05112219) 465.06156 (05112219) 208.97262 (05123022) 182.21319 (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 | 164.33051 (05111210) 171.66322 (05111210)
86.75403 (05122615) 175.86610 (05041708) 175.93903
(05101210)
3816020.5 | 145.37491 (05111210) 175.05461 (05111210)
176.53761 (05062907) 179.22737 (05081707) 179.08418
(05041708)
3815945.5 | 156.50804 (05031508) 162.18021 (05111210)
180.60397 (05111210) 179.72722 (05062907) 183.07737
(05081707)
3815870.5 | 199.25157 (05022008) 214.79385 (05022008)
175.45285 (05111210) 184.90149 (05111210) 185.53937
(05081707)
3815795.5 | 216.66412 (05022008) 263.51015 (05022008)
212.27240 (05022008) 187.65499 (05111210) 191.45640
(05062907)
3815720.5 | 181.01408 (05031509) 251.01464 (05022008)
270.54081 (05022008) 213.44935 (05022008) 195.61529
(05111210)
3815645.5 | 204.32845 (05060206) 197.92563 (05022008)
290.63893 (05022008) 270.55494 (05022008) 186.92932
(05111210)
3815570.5 | 314.09454 (05060206) 207.36242 (05060206)

195.31784 (05031509)   210.41724 (05022008)   204.25995
(05022008)
 3815495.5 | 259.08204 (05060206)   198.57005 (05100408)
194.69250 (05070207)   199.84883 (05031509)   200.77726
(05031508)
 3815420.5 | 220.03149 (05060205)   189.38056 (05052207)
201.80943 (05100408)   199.99226 (05070207)   206.74860
(05031509)
 3815345.5 | 220.37745 (05010218)   204.02709 (05052207)
197.93329 (05052207)   209.60287 (05100408)   202.24953
(05070207)
 3815270.5 | 266.68564 (05030424)   179.80050 (05052207)
207.35093 (05052207)   200.85437 (05052207)   215.15269
(05100408)
 3815195.5 | 393.04381 (05122620)   259.01884 (05030424)
182.19551 (05081607)   211.38857 (05052207)   212.64743
(05052207)
 3815120.5 | 638.35173 (05030501)   372.87689 (05122620)
222.82939 (05011018)   197.21356 (05081607)   221.96644
(05052207)
 3815045.5 | 716.73863 (05051301)   627.87708 (05030501)
395.68197 (05122620)   225.02061 (05081607)   263.02900
(05121724)
 3814970.5 | 680.89923 (05031307)   879.02148 (05101923)
449.91332 (05070706)   248.06280 (05102501)   233.04763
(05110709)
 3814895.5 | 459.69453 (05031307)   1297.83717 (05100304)
1099.72494 (05071403)   538.97869 (05022004)   391.39067
(05070706)
 3814820.5 | 395.18488 (05062806)   1422.75593 (05012221)
1421.73345 (05042206)   639.92657 (05031307)   905.71357
(05031307)
 3814745.5 | 553.50506 (05062806)   1366.37965 (05110701)
1579.52374 (05010621)   1520.45377 (05012221)   1600.36115
(05042206)
 3814670.5 | 1405.21196 (05031006)   1615.93374 (05031006)
1700.97452 (05122303)   1810.15020 (05031702)   1917.56833
(05010621)
 3814595.5 | 1377.16651 (05030804)   1439.88168 (05042924)
1589.57231 (05042924)   1821.99984 (05031006)   1844.73928
(05010206)
 3814520.5 | 645.89162 (05062202)   691.19807 (05101222)
742.88669 (05122721)   1471.32046 (05032507)   889.24013
(05032507)
 3814445.5 | 657.48845 (05030701)   704.62463 (05030803)
755.81829 (05031001)   1537.54885 (05062204)   2008.30298
(05062204)
 3814370.5 | 663.74973 (05110622)   712.39131 (05032603)
766.12800 (05032603)   823.38863 (05041701)   893.58411
(05041701)
 3814295.5 | 1327.01118 (05100303)   718.17485 (05122421)
772.80349 (05032601)   834.12263 (05032601)   898.50491

(05032601)
3814220.5 | 1603.80308 (05123021) 719.48224 (05122121) 778.15439 (05122121) 836.33092 (05122121) 898.91474 (05122121)
3814145.5 | 1312.01197 (05062503) 1558.40483 (05062503) 775.74250 (05093001) 838.00213 (05093001) 901.56889 (05093001)
3814070.5 | 1378.50507 (05061821) 1699.91542 (05061821) 1830.17215 (05071402) 838.40013 (05030702) 896.17919 (05030702)
3813995.5 | 664.11282 (05123122) 848.70925 (05123023) 1281.43866 (05123023) 1752.42238 (05123023) 867.54880 (05073102)
3813920.5 | 381.65937 (05123122) 297.71077 (05123122) 445.35482 (05073102) 1565.30179 (05111322) 873.54002 (05122304)
3813845.5 | 206.05113 (05120409) 226.03382 (05120409) 240.48700 (05120409) 554.59190 (05010622) 858.31013 (05020519)
3813770.5 | 222.27133 (05120409) 215.83388 (05120409) 206.31699 (05121005) 748.32750 (05121703) 836.42385 (05082604)
3813695.5 | 405.42625 (05121703) 846.60383 (05121703) 1163.44477 (05121703) 1485.54107 (05121703) 1865.24377 (05030805)
3813620.5 | 1306.56284 (05121703) 1489.90645 (05121703) 1616.29326 (05030805) 1773.76599 (05030805) 1849.70530 (05062302)
3813545.5 | 1266.38457 (05030805) 999.09482 (05030805) 1622.33086 (05062302) 1525.12728 (05062302) 1155.94959 (05112219)
3813470.5 | 284.01182 (05031420) 300.10924 (05032119) 1279.23292 (05112219) 896.29949 (05112219) 350.17050 (05123022)
3813395.5 | 333.23222 (05030624) 248.86969 (05030624) 626.15561 (05041101) 291.82156 (05123022) 230.00602 (05120310)
3813320.5 | 927.70452 (05112219) 226.68371 (05032524) 198.22707 (05120310) 226.45009 (05120310) 217.96324 (05120310)
3813245.5 | 199.43849 (05032524) 200.83094 (05120310) 216.45197 (05120310) 202.81620 (05120310) 253.61809 (05062804)
3813170.5 | 239.96408 (05082724) 209.15008 (05120310) 187.15771 (05120310) 187.51956 (05062804) 216.89773 (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 | 89.41978 (05122210) 180.74162 (05051409)
91.01280 (05011209) 91.62808 (05052008) 82.07243
(05052008)
3816020.5 | 90.85913 (05061908) 179.42421 (05051409)
93.66911 (05122615) 186.63956 (05102108) 90.51260
(05052008)
3815945.5 | 184.94643 (05101210) 188.11030 (05122210)
187.98807 (05051409) 191.05145 (05011209) 96.07585
(05052008)
3815870.5 | 189.76911 (05041708) 191.56086 (05061908)
189.33775 (05051409) 192.47088 (05011209) 194.68197
(05102108)
3815795.5 | 193.44389 (05081707) 195.59600 (05101210)
197.92215 (05122210) 199.16758 (05051409) 199.61244
(05102108)
3815720.5 | 192.34935 (05062907) 200.70603 (05041708)
202.41242 (05061908) 200.93178 (05051409) 204.65472
(05011209)
3815645.5 | 198.93990 (05062907) 203.35995 (05081707)
215.97562 (05053106) 208.39990 (05122210) 208.56677
(05051409)
3815570.5 | 199.68086 (05111210) 206.40393 (05062907)

220.35712 (05053106) 216.19340 (05053106) 211.29066
(05051409)
 3815495.5 | 189.45645 (05022008) 210.29309 (05111210)
211.65846 (05081707) 218.42689 (05053106) 217.09915
(05122210)
 3815420.5 | 214.44259 (05022008) 257.51113 (05022008)
219.24638 (05062907) 223.26232 (05053106) 223.30107
(05053106)
 3815345.5 | 216.89084 (05022008) 364.77411 (05022008)
300.72464 (05022008) 222.52911 (05062907) 224.33951
(05041708)
 3815270.5 | 208.53763 (05070207) 367.79098 (05022008)
453.94118 (05022008) 229.60439 (05111210) 231.34250
(05081707)
 3815195.5 | 224.46146 (05100408) 412.44930 (05022008)
423.44490 (05022008) 343.93990 (05022008) 237.08879
(05062907)
 3815120.5 | 352.16463 (05060206) 506.98704 (05060206)
381.27807 (05022008) 399.07580 (05022008) 235.73439
(05111210)
 3815045.5 | 415.22180 (05052206) 467.70516 (05060206)
241.42509 (05070207) 332.04709 (05022008) 355.76270
(05022008)
 3814970.5 | 653.76634 (05030424) 657.18330 (05052206)
507.19311 (05060206) 263.52505 (05060206) 257.73173
(05031509)
 3814895.5 | 848.04817 (05060304) 488.29133 (05030424)
263.33677 (05010218) 258.13651 (05052207) 267.57456
(05070207)
 3814820.5 | 1433.56407 (05073103) 780.18743 (05030501)
414.88980 (05011018) 487.61186 (05010218) 495.71378
(05060206)
 3814745.5 | 1527.27144 (05020823) 481.01823 (05063006)
720.83515 (05030501) 568.12196 (05122620) 540.96201
(05121724)
 3814670.5 | 1588.46193 (05012221) 872.19705 (05031307)
1158.50063 (05031307) 1662.13405 (05030501) 1254.85275
(05030501)
 3814595.5 | 646.97469 (05062806) 1059.27131 (05062806)
2340.92661 (05012221) 2466.23736 (05062005) 2230.62898
(05101923)
 3814520.5 | 1008.96499 (05032507) 1452.31972 (05050724)
2363.40179 (05122303) 1219.62682 (05031106) 2739.26440
(05012221)
 3814445.5 | 2006.98624 (05030804) 2302.93760 (05030804)
2425.31006 (05042924) 1268.57353 (05032602) 1406.58689
(05081902)
 3814370.5 | 964.82098 (05030701) 1040.98098 (05030803)
1164.07739 (05031001) 1288.69282 (05062202) 1460.22235
(05122721)
 3814295.5 | 966.10936 (05080803) 1049.60039 (05080803)
1151.81762 (05110622) 1294.18530 (05032603) 1441.69433

(05041701)
3814220.5 | 970.07540 (05122121) 1049.76724 (05051803) 1146.64335 (05051803) 1255.12439 (05051803) 1373.64034 (05051803)
3814145.5 | 969.75918 (05093001) 1041.02800 (05093001) 1127.61963 (05062401) 1221.02020 (05062401) 1335.16799 (05062401)
3814070.5 | 968.15770 (05030702) 1046.29287 (05030702) 1115.76159 (05072202) 1196.64308 (05072202) 1276.92529 (05072202)
3813995.5 | 966.59095 (05073102) 1059.82683 (05073102) 1089.68693 (05073102) 1157.30539 (05122304) 1252.15881 (05122304)
3813920.5 | 942.17627 (05122304) 1010.01538 (05020519) 1084.73759 (05020519) 1119.46868 (05020519) 1242.39852 (05082604)
3813845.5 | 898.86468 (05020519) 993.37015 (05082604) 1107.25921 (05082604) 2417.97470 (05030805) 1246.66172 (05011702)
3813770.5 | 1117.15677 (05121703) 910.83697 (05121703) 1448.60350 (05030805) 1440.20307 (05062302) 1279.22437 (05030624)
3813695.5 | 771.18877 (05112218) 114.75075 (05032119) 258.72416 (05032119) 1264.25152 (05041101) 1200.56683 (05123022)
3813620.5 | 616.26814 (05030624) 192.47640 (05032524) 222.84193 (05120310) 295.59126 (05032524) 704.63857 (05082603)
3813545.5 | 1478.90454 (05041101) 584.58000 (05123022) 295.60529 (05082724) 1265.28620 (05012020) 2124.45967 (05012020)
3813470.5 | 562.97734 (05123022) 696.03839 (05082724) 332.68169 (05062804) 393.83092 (05010208) 1653.65125 (05010208)
3813395.5 | 234.20479 (05120310) 409.50751 (05062804) 325.02340 (05062804) 1290.65780 (05010208) 965.82478 (05010208)
3813320.5 | 198.51430 (05062804) 228.88065 (05062804) 483.96170 (05010208) 1786.43352 (05010208) 1443.70086 (05020504)
3813245.5 | 364.72472 (05012020) 1194.85798 (05010208) 1211.33021 (05010208) 1249.83011 (05010208) 1304.16729 (05020504)
3813170.5 | 682.99365 (05010208) 1410.59505 (05010208) 1363.50980 (05010208) 1607.72741 (05020504) 545.54155 (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
- -
- -
-

3816095.5 | 88.37017 (05111710) 182.40086 (05111710)
187.12316 (05012211) 188.61366 (05011712) 188.02982
(05060707)
3816020.5 | 169.09127 (05111710) 191.21903 (05111710)
189.52112 (05122809) 193.82881 (05011712) 194.51975
(05060707)
3815945.5 | 158.63629 (05052008) 195.62913 (05111710)
195.58699 (05122809) 198.68338 (05020512) 199.77611
(05060707)
3815870.5 | 180.70700 (05052008) 194.49377 (05111710)
199.66956 (05122809) 202.83506 (05020512) 208.02410
(05061206)
3815795.5 | 197.82120 (05052008) 186.11929 (05111710)
203.81899 (05111710) 233.22104 (05060906) 220.87303
(05061206)
3815720.5 | 206.98488 (05052008) 176.79075 (05052008)
211.28326 (05111710) 224.52769 (05060906) 212.33505
(05011712)
3815645.5 | 210.79529 (05102108) 198.91189 (05052008)
210.80058 (05111710) 216.32972 (05122809) 216.04861
(05011712)
3815570.5 | 213.17559 (05011209) 212.14841 (05052008)

202.43807 (05111710)   217.03428 (05122809)   221.44810
(05020512)
 3815495.5 | 214.96564 (05051409)   218.63717 (05052008)
108.41369 (05052008)   223.08583 (05111710)   224.21069
(05020512)
 3815420.5 | 223.11960 (05051409)   224.76676 (05011209)
215.15621 (05052008)   224.89064 (05111710)   226.61501
(05012211)
 3815345.5 | 227.33569 (05122210)   135.03165 (05011209)
141.28616 (05052008)   138.27791 (05122311)   146.94291
(05010410)
 3815270.5 | 232.01429 (05061908)   145.86748 (05080607)
236.27629 (05102108)   137.09722 (05052008)   233.72148
(05111710)
 3815195.5 | 238.66438 (05041708)   237.61836 (05122210)
246.36677 (05011209)   244.06777 (05052008)   245.68660
(05111710)
 3815120.5 | 240.64376 (05062907)   250.72583 (05101210)
258.86809 (05051409)   260.94284 (05052008)   252.12880
(05111710)
 3815045.5 | 256.28146 (05111210)   263.63311 (05081707)
308.70509 (05053106)   273.55437 (05011209)   249.75792
(05052008)
 3814970.5 | 418.54630 (05022008)   352.08300 (05022008)
378.12734 (05053106)   276.86646 (05051409)   276.22438
(05052008)
 3814895.5 | 511.99874 (05022008)   680.78715 (05022008)
303.24040 (05053106)   298.00301 (05122210)   305.26238
(05102108)
 3814820.5 | 499.17403 (05060206)   840.08112 (05022008)
544.99344 (05022008)   312.86258 (05041708)   329.27689
(05051409)
 3814745.5 | 868.02979 (05060206)   720.51636 (05060206)
365.25598 (05022008)   314.45745 (05062907)   344.84900
(05122210)
 3814670.5 | 1455.76470 (05052206)   825.39143 (05060206)
529.74361 (05022008)   654.63772 (05022008)   602.71221
(05053106)
 3814595.5 | 2494.05690 (05091424)   1317.19256 (05060304)
787.78747 (05060206)   827.47586 (05022008)   1416.54996
(05022008)
 3814520.5 | 2967.81757 (05040702)   2729.01351 (05051301)
582.69521 (05011018)   550.87118 (05022008)   2093.97038
(05060206)
 3814445.5 | 3095.12512 (05031702)   1138.60094 (05062806)
747.54660 (05063006)   629.55481 (05063006)   3552.00905
(05052206)
 3814370.5 | 1681.85814 (05032507)   1857.78728 (05032507)
1625.57658 (05062806)   2346.59287 (05031307)   2951.95353
(05033003)
 3814295.5 | 3019.54334 (05051403)   3432.37171 (05062204)
2254.04563 (05032507)   4311.13078 (05030804)   3191.32221

(05081902)
3814220.5 | 1550.45601 (05051803) 1912.53317 (05122421) 3870.74459 (05100303) 2795.93274 (05032601) 3212.54839 (05032603)
3814145.5 | 1460.43396 (05062401) 1655.80571 (05041024) 2042.87682 (05041024) 2452.11636 (05030702) 3026.19090 (05030702)
3814070.5 | 1397.59728 (05073102) 1569.57003 (05073102) 1784.08386 (05122304) 2133.35535 (05020519) 2636.46525 (05082604)
3813995.5 | 1368.85178 (05020519) 1476.08885 (05082604) 1688.18387 (05011702) 1870.42970 (05011702) 2254.61995 (05030624)
3813920.5 | 1337.84175 (05011702) 1350.32697 (05011702) 1587.93347 (05030624) 1779.39880 (05123022) 1973.47206 (05082603)
3813845.5 | 1322.28590 (05030624) 1378.62268 (05030624) 1483.71354 (05082724) 1553.66543 (05082603) 1352.71154 (05010208)
3813770.5 | 1277.54545 (05123022) 1367.48685 (05082724) 1336.38153 (05082603) 1092.90192 (05010208) 1203.20150 (05020504)
3813695.5 | 1304.53680 (05082603) 1229.38359 (05082603) 973.38001 (05010208) 966.74111 (05020504) 1263.78760 (05062805)
3813620.5 | 1073.02270 (05082603) 942.29647 (05010208) 982.34665 (05010208) 1050.94207 (05062805) 1373.08996 (05062805)
3813545.5 | 2138.01605 (05010208) 883.71338 (05010208) 2060.15243 (05020504) 2752.23856 (05062303) 1313.46704 (05062805)
3813470.5 | 1421.39996 (05010208) 233.55671 (05020118) 804.76028 (05062303) 1230.40159 (05062805) 1160.38776 (05062805)
3813395.5 | 1917.28012 (05020504) 2224.62634 (05020504) 539.90806 (05062303) 2050.44507 (05020221) 959.65226 (05062805)
3813320.5 | 661.31956 (05020504) 776.10158 (05062805) 2088.99429 (05020221) 975.81666 (05062805) 1721.51824 (05031105)
3813245.5 | 1630.94694 (05021005) 802.20575 (05062805) 921.25497 (05062805) 778.42982 (05062805) 834.03214 (05111802)
3813170.5 | 657.24291 (05062805) 803.85373 (05062805) 782.03552 (05062805) 619.51755 (05062805) 744.09956 (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 | 189.76866 (05071508) 188.59889 (05012212)
186.08184 (05111811) 192.27135 (05051107) 191.11405
(05081908)
3816020.5 | 194.80802 (05062008) 194.99410 (05012212)
216.73466 (05061106) 215.61431 (05070306) 196.37286
(05013009)
3815945.5 | 201.04834 (05062008) 201.08574 (05012212)
253.81171 (05061106) 289.96342 (05070306) 265.17378
(05102305)
3815870.5 | 247.66747 (05011017) 245.66092 (05011020)
292.15560 (05061106) 362.27713 (05070306) 437.23061
(05102305)
3815795.5 | 260.17834 (05011017) 274.53663 (05011020)
345.57586 (05102519) 478.50707 (05012503) 637.38737
(05102305)
3815720.5 | 214.03154 (05042109) 287.49779 (05011017)
371.13350 (05102519) 573.40850 (05012503) 523.77563
(05102305)
3815645.5 | 235.04527 (05011017) 313.68130 (05011017)
321.69278 (05061106) 358.21640 (05070306) 537.45084
(05102305)
3815570.5 | 234.61776 (05061206) 243.11056 (05061506)

278.15606 (05061106)   344.41619 (05070306)   312.52404
(05060222)
 3815495.5 | 228.15187 (05060707)   227.41440 (05071508)
247.94312 (05061106)   273.35925 (05061106)   230.89815
(05022510)
 3815420.5 | 229.37701 (05041610)   234.15655 (05062008)
238.11672 (05061106)   236.65893 (05051107)   235.42784
(05022510)
 3815345.5 | 167.22948 (05061206)   237.50458 (05062008)
226.31291 (05012212)   237.67413 (05051107)   235.44201
(05022510)
 3815270.5 | 179.26326 (05061206)   197.88425 (05122512)
154.49310 (05012212)   160.24005 (05081008)   159.86143
(05022510)
 3815195.5 | 246.64648 (05020512)   253.97206 (05042109)
243.37347 (05012212)   171.67022 (05051107)   252.47518
(05022510)
 3815120.5 | 181.18373 (05012211)   266.24203 (05060707)
261.88949 (05012212)   255.70605 (05051107)   263.51009
(05022510)
 3815045.5 | 269.91404 (05122809)   272.76940 (05060707)
284.04875 (05012212)   275.10318 (05051107)   278.81451
(05030710)
 3814970.5 | 298.00129 (05060906)   286.67231 (05041610)
306.02907 (05061506)   301.27228 (05101708)   294.32214
(05120811)
 3814895.5 | 324.54403 (05060906)   307.00449 (05011712)
344.04497 (05061506)   364.44346 (05061106)   299.54316
(05120811)
 3814820.5 | 344.38370 (05060906)   391.63128 (05060906)
410.98774 (05061506)   373.29377 (05061106)   304.00701
(05120811)
 3814745.5 | 380.39284 (05052008)   468.46632 (05060906)
520.74446 (05061506)   424.00763 (05061106)   357.77060
(05120811)
 3814670.5 | 479.53721 (05053106)   599.54456 (05060906)
710.35426 (05011017)   567.67910 (05061106)   446.32592
(05012410)
 3814595.5 | 1377.40287 (05062306)   851.84116 (05052306)
941.36763 (05011017)   673.75302 (05061106)   517.90068
(05012410)
 3814520.5 | 1871.83733 (05050506)   2231.48592 (05062306)
916.42888 (05060906)   542.51866 (05101708)   522.20564
(05021012)
 3814445.5 | 4797.97139 (05121422)   3382.19395 (05062306)
1174.88344 (05060906)   824.41150 (05061106)   924.61664
(05110208)
 3814370.5 | 5331.09174 (05040303)   2071.26581 (05022008)
842.82547 (05052008)   1165.37658 (05110208)   2151.73342
(05110208)
 3814295.5 | 3465.81778 (05031307)   1173.61129 (05022008)
0.00000 (00000000)   0.00000 (00000000)   0.00000

(00000000)
3814220.5 | 1765.35282 (05032507) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814145.5 | 4278.62413 (05072202) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814070.5 | 3114.52973 (05011702) 5273.96398 (05123022)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3813995.5 | 2665.68424 (05082603) 2785.28899 (05062805)
3595.93533 (05062805) 4658.73248 (05112702) 5035.57930
(05061006)
3813920.5 | 1802.15446 (05082603) 2548.15756 (05062805)
2809.21058 (05111802) 2710.84889 (05120408) 3249.59404
(05020102)
3813845.5 | 1727.09237 (05062805) 2091.98465 (05062805)
2249.40715 (05111802) 2110.36913 (05120408) 2240.93063
(05112702)
3813770.5 | 1669.07289 (05062805) 1613.23887 (05111802)
1809.55147 (05111802) 1729.27471 (05120408) 1847.17497
(05112702)
3813695.5 | 1460.29971 (05062805) 1485.18168 (05111802)
1459.22081 (05111802) 1460.50822 (05120408) 1520.34602
(05112702)
3813620.5 | 1182.20264 (05062805) 1343.38282 (05111802)
1179.39946 (05111802) 1254.66037 (05120408) 1250.74453
(05112702)
3813545.5 | 1006.80388 (05111802) 1222.81949 (05111802)
1051.75110 (05120408) 1097.24248 (05120408) 1050.58593
(05101701)
3813470.5 | 1053.36315 (05111802) 1171.65732 (05111802)
982.84045 (05120408) 975.39029 (05120408) 892.92524
(05101701)
3813395.5 | 1174.68442 (05111802) 1134.00470 (05111802)
937.13023 (05120408) 884.09894 (05120408) 767.46098
(05101701)
3813320.5 | 1481.07175 (05120403) 2274.98068 (05011802)
985.04286 (05120408) 872.82829 (05120408) 703.70206
(05101701)
3813245.5 | 999.90728 (05111802) 1781.51791 (05011802)
1729.03731 (05021608) 919.10749 (05120408) 643.25242
(05101701)
3813170.5 | 838.31506 (05111802) 761.12152 (05111802)
1449.65956 (05011804) 2138.36059 (05011804) 647.83163
(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 | 210.82958 (05060222) 193.25299 (05120811)
247.92941 (05032307) 180.78631 (05012410) 188.48491
(05021012)
3816020.5 | 200.44133 (05060222) 296.01422 (05032307)
364.96976 (05032307) 327.51971 (05111019) 286.49715
(05020721)
3815945.5 | 242.26056 (05060222) 450.58428 (05032307)
482.20719 (05032307) 530.84763 (05071206) 870.64622
(05122621)
3815870.5 | 443.72130 (05070206) 565.22713 (05032307)
690.62657 (05032307) 846.03494 (05071206) 1288.59587
(05111718)
3815795.5 | 870.26843 (05070206) 975.03330 (05032307)
971.42684 (05022401) 1159.86641 (05042201) 1313.70152
(05102705)
3815720.5 | 670.70938 (05070206) 1158.31639 (05032307)
1367.95279 (05062801) 1417.26920 (05111319) 1393.16037
(05060902)
3815645.5 | 830.19640 (05070206) 1159.49332 (05032307)
1372.53621 (05090302) 1457.56325 (05111718) 1278.19177
(05060902)
3815570.5 | 646.18354 (05070206) 800.58981 (05032307)

606.23488 (05071206) 1507.69089 (05111718) 1519.59122 (05112321)
3815495.5 | 232.42864 (05120811) 425.51979 (05032307) 226.70819 (05021012) 606.85364 (05020708) 1009.28904 (05060224)
3815420.5 | 237.26413 (05120811) 235.07891 (05012410) 233.64363 (05021012) 392.75011 (05020708) 530.08193 (05032807)
3815345.5 | 240.49137 (05030709) 232.04166 (05012410) 233.53603 (05021012) 232.07383 (05060807) 382.61345 (05032807)
3815270.5 | 169.92954 (05052911) 146.82779 (05050608) 245.48162 (05010609) 244.54129 (05121709) 297.06917 (05032807)
3815195.5 | 246.52723 (05030709) 164.66534 (05050608) 243.58494 (05060807) 248.04967 (05121709) 249.30271 (05120511)
3815120.5 | 257.34081 (05012410) 180.47185 (05050608) 250.49993 (05060807) 247.34813 (05072208) 337.47223 (05110208)
3815045.5 | 267.27639 (05012410) 256.74130 (05010609) 259.41513 (05121709) 268.86622 (05120511) 496.34036 (05110208)
3814970.5 | 279.36628 (05012410) 212.80754 (05010609) 269.15792 (05121709) 413.90459 (05110208) 662.23106 (05110208)
3814895.5 | 235.43693 (05021012) 232.11651 (05060807) 321.04862 (05110208) 602.18224 (05110208) 784.79992 (05110208)
3814820.5 | 297.68680 (05021012) 292.85366 (05121709) 513.95172 (05110208) 777.65310 (05110208) 807.33438 (05110208)
3814745.5 | 346.14082 (05010609) 405.83748 (05110208) 731.87309 (05110208) 868.21591 (05110208) 702.96560 (05110208)
3814670.5 | 419.52633 (05060807) 645.23023 (05110208) 898.73851 (05110208) 814.30539 (05110208) 504.66902 (05110208)
3814595.5 | 532.37899 (05110208) 888.54588 (05110208) 922.07314 (05110208) 622.65737 (05110208) 592.02971 (05120308)
3814520.5 | 865.55431 (05110208) 1032.19167 (05110208) 767.77300 (05110208) 449.89618 (05120308) 687.84043 (05040407)
3814445.5 | 1245.05840 (05110208) 998.63909 (05110208) 553.81582 (05111609) 732.50269 (05111609) 844.41432 (05111609)
3814370.5 | 1491.62045 (05110208) 1049.37228 (05120308) 1017.99902 (05111609) 964.88725 (05111609) 1861.96030 (05010409)
3814295.5 | 2125.78916 (05111609) 1451.07340 (05111609) 1159.44409 (05111709) 1969.01560 (05010409) 2089.52152

(05060506)
3814220.5 | 2625.72640 (05053006) 1966.61088 (05111709) 1012.83163 (05111709) 869.83202 (05053006) 2067.07578 (05021408)
3814145.5 | 4434.99607 (05020808) 3775.09578 (05020808) 1113.16929 (05040307) 1417.85222 (05040307) 1128.33794 (05040307)
3814070.5 | 2384.25985 (05112208) 3809.74091 (05011404) 1394.99433 (05112208) 1041.04477 (05093007) 1103.09148 (05112308)
3813995.5 | 3592.08196 (05120624) 4186.93890 (05032224) 2863.99350 (05111904) 3288.78545 (05022803) 1218.30319 (05112208)
3813920.5 | 2626.53681 (05020404) 2761.65404 (05120601) 4340.18852 (05120701) 1165.52847 (05112108) 1153.22311 (05112208)
3813845.5 | 2248.61674 (05013106) 2223.98917 (05011503) 3837.14522 (05120607) 3093.22072 (05111622) 1762.30534 (05011505)
3813770.5 | 1814.68946 (05013105) 2075.26674 (05121906) 1960.76814 (05112205) 1719.30621 (05011507) 1652.58637 (05120603)
3813695.5 | 1990.65238 (05020102) 1711.59772 (05031504) 1401.61824 (05011607) 1369.60536 (05012004) 1332.07883 (05011507)
3813620.5 | 1288.55853 (05112702) 1287.63699 (05120406) 1224.33471 (05122003) 1172.20958 (05011503) 1170.32315 (05120402)
3813545.5 | 1160.84432 (05112702) 1138.59695 (05122205) 1080.58130 (05031504) 1036.45978 (05020404) 975.28375 (05012002)
3813470.5 | 1036.26553 (05112702) 1017.66760 (05020102) 982.35597 (05120406) 938.15886 (05011605) 890.94274 (05120605)
3813395.5 | 920.10067 (05112702) 885.90292 (05020102) 892.34280 (05013105) 849.28465 (05031504) 817.76692 (05121906)
3813320.5 | 815.80387 (05112702) 798.48503 (05112702) 812.89234 (05122205) 785.30468 (05013106) 753.73491 (05011605)
3813245.5 | 761.40055 (05101701) 773.39647 (05112702) 744.47205 (05020102) 720.13272 (05120406) 691.16024 (05031504)
3813170.5 | 752.52844 (05101701) 736.81799 (05112702) 672.72790 (05020102) 671.86946 (05013105) 647.36054 (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
- -
- -
-

3816095.5 | 339.13059 (05020708) 187.55747 (05060807)
253.58782 (05032807) 172.40796 (05072208) 184.49744
(05120511)
3816020.5 | 363.59663 (05020708) 455.41532 (05060224)
427.09509 (05032807) 265.27885 (05012619) 412.63315
(05050523)
3815945.5 | 1115.52199 (05053104) 853.45065 (05060224)
1046.57440 (05082003) 855.32869 (05111001) 1161.17669
(05042705)
3815870.5 | 1215.49236 (05060902) 1253.97642 (05022621)
1216.32956 (05082003) 1117.91336 (05082304) 431.45619
(05080202)
3815795.5 | 1181.88457 (05112321) 480.04549 (05081305)
954.32893 (05072203) 467.16908 (05083106) 455.77068
(05080202)
3815720.5 | 513.59904 (05081305) 499.49815 (05111217)
502.42452 (05081521) 486.28019 (05080202) 473.60691
(05081523)
3815645.5 | 550.67426 (05081305) 526.92262 (05081521)
523.38627 (05083106) 505.78717 (05080202) 480.38613
(05092804)
3815570.5 | 1494.79728 (05052123) 573.78618 (05081521)

546.68338 (05080202) 537.86751 (05081523) 554.09044
(05110208)
3815495.5 | 410.44582 (05012619) 1357.92073 (05042705)
1218.14764 (05092124) 626.27626 (05110208) 643.59223
(05110208)
3815420.5 | 1057.73192 (05111001) 1571.04448 (05081905)
1497.73916 (05030905) 725.12272 (05110208) 710.03867
(05110208)
3815345.5 | 647.09447 (05050523) 776.38064 (05110806)
1048.03034 (05123107) 1424.36518 (05100105) 1001.07760
(05110208)
3815270.5 | 324.78253 (05061406) 474.23200 (05110208)
623.61842 (05110208) 1265.07834 (05110208) 532.46766
(05110208)
3815195.5 | 411.44060 (05110208) 602.96855 (05110208)
677.51329 (05110208) 596.34663 (05110208) 420.94322
(05110208)
3815120.5 | 560.55111 (05110208) 695.71783 (05110208)
659.37009 (05110208) 489.55692 (05110208) 292.82988
(05110208)
3815045.5 | 692.41753 (05110208) 716.63989 (05110208)
565.64985 (05110208) 350.97999 (05110208) 369.03237
(05120308)
3814970.5 | 761.32116 (05110208) 647.20452 (05110208)
420.51380 (05110208) 383.15896 (05120308) 381.74687
(05120308)
3814895.5 | 730.11186 (05110208) 502.55493 (05110208)
465.69374 (05120308) 579.79917 (05120308) 504.66922
(05040407)
3814820.5 | 597.28984 (05110208) 579.61588 (05120308)
731.85021 (05120308) 886.76421 (05040407) 1548.36419
(05062606)
3814745.5 | 407.60149 (05110208) 453.61950 (05120308)
420.10090 (05040407) 523.60383 (05040407) 387.99453
(05111609)
3814670.5 | 534.81426 (05120308) 422.02489 (05040407)
378.74317 (05111609) 514.73022 (05111609) 1237.35745
(05111609)
3814595.5 | 704.00330 (05040407) 1045.76722 (05111609)
653.10547 (05111609) 1441.09985 (05111609) 2300.35363
(05092105)
3814520.5 | 1376.25001 (05111609) 1559.55733 (05021308)
1818.48039 (05021308) 1493.25243 (05111409) 1089.82666
(05011124)
3814445.5 | 850.66723 (05111609) 1637.79100 (05111409)
2677.05441 (05013123) 1330.04154 (05010409) 1089.50852
(05091923)
3814370.5 | 1841.88606 (05010409) 852.67809 (05010409)
1536.51488 (05111709) 2229.05169 (05122907) 1648.49602
(05060806)
3814295.5 | 3525.43571 (05040502) 2678.15699 (05101507)
1825.59474 (05092707) 2030.01485 (05092707) 1867.04201

(05121707)
3814220.5 | 1930.82201 (05101620) 1652.53038 (05101620) 1460.69770 (05101620) 1317.83835 (05031524) 827.15574 (05033107)
3814145.5 | 3544.46186 (05112907) 1514.82671 (05092004) 1221.02189 (05092004) 1306.34569 (05121104) 1133.44607 (05121104)
3814070.5 | 1814.15454 (05031423) 1446.76088 (05040205) 1164.33557 (05111720) 1088.21529 (05111720) 1012.06000 (05111720)
3813995.5 | 1748.31809 (05112120) 1336.26869 (05092606) 1209.24927 (05122407) 1014.41340 (05040103) 889.87840 (05021702)
3813920.5 | 1731.24027 (05011404) 1540.90306 (05030124) 1107.87310 (05101304) 996.71343 (05112120) 854.19384 (05100522)
3813845.5 | 2173.35663 (05120108) 2766.16697 (05121404) 1315.45485 (05020223) 1196.00087 (05090404) 927.42262 (05101304)
3813770.5 | 1405.58737 (05031506) 1336.33441 (05122002) 1227.64388 (05111904) 2473.87910 (05010507) 2165.40294 (05013007)
3813695.5 | 1135.19854 (05120603) 1104.79806 (05032805) 1188.51659 (05120524) 1081.76153 (05032022) 924.88415 (05111906)
3813620.5 | 1023.65392 (05011507) 989.71066 (05011824) 974.46767 (05022507) 982.59853 (05011505) 809.54066 (05122002)
3813545.5 | 926.69440 (05111722) 950.16137 (05011524) 842.97133 (05011824) 975.32029 (05022507) 753.51569 (05031506)
3813470.5 | 846.18595 (05112205) 800.05497 (05120624) 859.09481 (05011524) 820.71147 (05011824) 725.52351 (05022507)
3813395.5 | 777.49348 (05112002) 737.94614 (05012004) 719.63555 (05120624) 793.57438 (05011524) 808.93263 (05011824)
3813320.5 | 721.45876 (05011607) 689.49766 (05011503) 658.44661 (05120402) 698.03597 (05120624) 628.53715 (05011524)
3813245.5 | 670.45063 (05121906) 643.81546 (05120605) 613.94424 (05012002) 589.02799 (05120402) 646.13175 (05120601)
3813170.5 | 624.92746 (05011605) 602.46508 (05020404) 576.90174 (05112002) 552.09993 (05112205) 549.20718 (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 | 1044.82348 (05042705) 472.87454 (05121706)
302.91653 (05052506) 359.77713 (05110208) 867.38926
(05012522)
3816020.5 | 668.89031 (05102206) 1071.93440 (05030905)
658.27823 (05110208) 1060.12467 (05032024) 834.57309
(05110208)
3815945.5 | 1058.53702 (05091501) 558.03994 (05110208)
1090.33978 (05112922) 860.07152 (05100105) 528.54853
(05110208)
3815870.5 | 1141.13014 (05030905) 633.92504 (05110208)
1015.88324 (05061905) 539.22598 (05110208) 503.32137
(05110208)
3815795.5 | 472.31857 (05110208) 581.09135 (05110208)
564.76496 (05110208) 619.67063 (05110208) 457.91143
(05110208)
3815720.5 | 524.42994 (05110208) 580.16399 (05110208)
581.42728 (05110208) 492.98537 (05110208) 412.89470
(05110208)
3815645.5 | 545.08839 (05110208) 571.30533 (05110208)
540.51235 (05110208) 445.17845 (05110208) 379.95744
(05021101)
3815570.5 | 575.99791 (05110208) 550.19648 (05110208)

488.05960 (05110208)   426.01072 (05021101)   393.18999
(05021101)
 3815495.5 | 612.61556 (05110208)   528.13646 (05110208)
443.33752 (05021101)   405.87176 (05021101)   377.66533
(05100519)
 3815420.5 | 618.73574 (05110208)   503.16666 (05102703)
447.65818 (05021101)   400.52323 (05100519)   388.16518
(05021519)
 3815345.5 | 588.06653 (05110208)   525.86310 (05021101)
463.75326 (05100519)   443.38337 (05021519)   423.13294
(05021519)
 3815270.5 | 1473.19650 (05020120)   543.62145 (05100519)
548.46666 (05021519)   508.61088 (05021519)   452.14498
(05102324)
 3815195.5 | 1120.41616 (05032323)   1474.15034 (05092503)
1241.60644 (05122503)   573.99786 (05102324)   529.98023
(05112119)
 3815120.5 | 509.02013 (05120308)   589.06823 (05120308)
490.36290 (05120308)   659.95321 (05040407)   1169.37900
(05032202)
 3815045.5 | 435.49988 (05120308)   450.55448 (05120308)
690.86923 (05040407)   1572.74115 (05121521)   1505.76113
(05041303)
 3814970.5 | 493.59954 (05040407)   607.83817 (05040407)
532.56117 (05040407)   531.32521 (05062006)   1260.63010
(05032422)
 3814895.5 | 834.04144 (05040407)   1325.93109 (05062006)
595.03968 (05111609)   905.97699 (05021206)   1338.81599
(05110807)
 3814820.5 | 1869.86575 (05091405)   1895.37411 (05102002)
1311.40764 (05110807)   1104.62642 (05111609)   1614.99363
(05051103)
 3814745.5 | 1312.94406 (05021206)   1843.26398 (05043002)
848.36423 (05111609)   1765.74777 (05040501)   1297.98341
(05121708)
 3814670.5 | 1342.48550 (05111609)   1983.92105 (05040501)
1894.90796 (05042302)   843.03108 (05111409)   703.17640
(05010409)
 3814595.5 | 2062.51989 (05042302)   917.46986 (05111409)
1626.86351 (05030904)   1743.93617 (05051905)   767.34721
(05010409)
 3814520.5 | 939.67293 (05120323)   809.35846 (05091923)
739.79956 (05111709)   763.09323 (05111709)   905.00638
(05111709)
 3814445.5 | 2273.96791 (05101423)   1102.09705 (05111709)
808.66739 (05011707)   655.00840 (05011707)   703.48707
(05011707)
 3814370.5 | 1008.92833 (05031523)   882.36483 (05031523)
824.60486 (05031523)   643.26133 (05031523)   648.98684
(05112603)
 3814295.5 | 1052.44678 (05080804)   872.83398 (05080804)
696.70452 (05080804)   634.96948 (05011703)   627.66486

(05011703)
3814220.5 | 1337.08227 (05033107) 895.56363 (05031524) 801.85674 (05031524) 642.55678 (05031524) 585.52261 (05031524)
3814145.5 | 2197.97851 (05040504) 1858.57916 (05032623) 773.33728 (05121104) 773.10373 (05121104) 596.57708 (05121104)
3814070.5 | 923.23851 (05111404) 947.51045 (05111404) 890.08727 (05111404) 790.57347 (05111404) 604.02014 (05111404)
3813995.5 | 861.56367 (05031423) 744.99897 (05031423) 689.25993 (05040205) 694.69625 (05111720) 625.02098 (05111720)
3813920.5 | 777.19583 (05092606) 714.97957 (05122407) 657.82872 (05040103) 609.97254 (05021702) 563.93650 (05021702)
3813845.5 | 797.72571 (05112120) 695.96447 (05112120) 640.21050 (05100522) 591.63788 (05092606) 551.51704 (05122407)
3813770.5 | 833.53307 (05090404) 777.38344 (05030124) 691.80713 (05101304) 578.05861 (05112120) 537.69610 (05112120)
3813695.5 | 725.27236 (05120401) 659.64452 (05020223) 611.74951 (05011404) 563.21142 (05030124) 526.31078 (05101304)
3813620.5 | 674.80471 (05111904) 624.69056 (05111906) 584.47801 (05120401) 544.15991 (05020223) 512.60638 (05011404)
3813545.5 | 644.78630 (05120524) 600.30919 (05032022) 555.75394 (05111904) 528.35734 (05111906) 496.84625 (05120401)
3813470.5 | 629.68439 (05032805) 575.30739 (05011505) 540.02792 (05122002) 508.90706 (05111904) 469.98812 (05111906)
3813395.5 | 599.58948 (05040203) 546.97486 (05032805) 518.38494 (05031506) 490.59885 (05120524) 463.87343 (05032022)
3813320.5 | 573.77417 (05013002) 524.09792 (05040203) 495.89268 (05031104) 472.07067 (05031506) 447.17363 (05120524)
3813245.5 | 534.80564 (05011524) 500.17603 (05013002) 474.89063 (05120603) 452.23892 (05022507) 430.55375 (05032805)
3813170.5 | 515.95642 (05120601) 476.99671 (05011524) 455.32161 (05013002) 434.83553 (05120603) 415.60502 (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	612.11264	(05120308)
350283.70	3815266.49	260.49731	(05032807)
350539.82	3814604.70	571.31185	(05111609)
350467.63	3814245.45	1757.03004	(05080804)
350008.68	3813941.20	3029.36288	(05011605)
350147.91	3813936.04	2637.91956	(05013002)
350557.01	3814453.44	2645.34316	(05042604)
349200.78	3815251.02	232.16237	(05062907)
349173.28	3815257.89	229.79248	(05111210)
348862.58	3814174.11	916.00777	(05092224)
348862.58	3815183.55	213.36455	(05052207)
350494.71	3815179.68	625.74370	(05110208)
350486.97	3814363.62	847.19722	(05010409)
350216.24	3814363.62	1032.40959	(05111609)
350216.24	3814193.45	951.96307	(05053006)
349991.92	3813969.12	3859.35721	(05031504)
349794.67	3813961.39	3105.54504	(05062805)
349597.42	3814065.81	2615.00651	(05082604)
349121.71	3814085.15	1172.85234	(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 | 72.29267 (05051622) 100.48126 (05100408)
87.20773 (05022206) 87.37147 (05111210) 99.95394
(05031509)
3816020.5 | 91.26257 (05072023) 90.52969 (05030519)
99.29449 (05100408) 77.29795 (05022206) 98.17227
(05030513)
3815945.5 | 98.51871 (05101601) 102.65628 (05072023)
90.22651 (05051622) 95.53435 (05100408) 85.36479
(05070207)
3815870.5 | 112.01158 (05021223) 107.72058 (05031305)
107.13980 (05072023) 96.52561 (05022008) 95.69439
(05100408)
3815795.5 | 113.97179 (05092021) 119.90905 (05101601)
118.18948 (05050802) 116.45960 (05072023) 112.09489
(05022008)
3815720.5 | 112.35418 (05052206) 122.93185 (05092021)
121.64049 (05101601) 101.31603 (05101601) 103.80545
(05030519)
3815645.5 | 128.86916 (05030424) 124.99856 (05121724)
125.42608 (05092021) 109.37661 (05101601) 109.17694
(05101601)
3815570.5 | 121.57296 (05102521) 140.04027 (05052207)

131.67009 (05121724) 105.42319 (05070207) 120.49936
(05101601)
 3815495.5 | 114.89197 (05022001) 167.76474 (05110709)
138.29394 (05052207) 96.32383 (05031311) 145.37236
(05092021)
 3815420.5 | 158.49684 (05123119) 172.75857 (05060304)
139.95580 (05021920) 104.82858 (05010219) 178.61365
(05052207)
 3815345.5 | 188.64500 (05030501) 197.96003 (05030521)
136.79959 (05102521) 105.01772 (05022001) 233.48421
(05073106)
 3815270.5 | 242.12055 (05032421) 244.62277 (05022004)
151.76916 (05050101) 146.76392 (05050101) 278.80304
(05042403)
 3815195.5 | 272.21696 (05050723) 252.61860 (05052121)
184.33406 (05050723) 159.16655 (05031311) 356.79183
(05123119)
 3815120.5 | 339.41433 (05081006) 308.15243 (05060522)
213.38531 (05031307) 152.13324 (05060302) 252.73384
(05030521)
 3815045.5 | 408.18757 (05010424) 368.98371 (05091224)
326.33021 (05063006) 214.64966 (05060522) 218.46271
(05022003)
 3814970.5 | 440.27653 (05122722) 323.29163 (05062124)
216.72066 (05062806) 191.04492 (05021321) 203.71091
(05060522)
 3814895.5 | 187.42618 (05102207) 158.81124 (05071806)
138.48854 (05102502) 153.75154 (05102502) 186.00372
(05010424)
 3814820.5 | 202.47006 (05050724) 239.03344 (05102523)
165.92043 (05060602) 221.18700 (05041923) 264.78721
(05123120)
 3814745.5 | 448.97325 (05102207) 629.61715 (05040302)
340.79957 (05050119) 496.79946 (05062704) 524.86652
(05102207)
 3814670.5 | 888.65530 (05090102) 1020.97456 (05110118)
862.17697 (05042924) 683.28901 (05102523) 999.59273
(05010206)
 3814595.5 | 920.08720 (05090401) 942.50952 (05062202)
936.19849 (05101222) 1089.33093 (05082702) 1240.98642
(05110118)
 3814520.5 | 930.22519 (05030701) 932.40100 (05062201)
871.86576 (05062201) 868.79365 (05040221) 602.84473
(05101201)
 3814445.5 | 924.23828 (05032603) 921.26321 (05032603)
876.96638 (05041701) 870.62176 (05072602) 609.79939
(05052001)
 3814370.5 | 868.46763 (05032601) 1012.45565 (05051403)
1098.50244 (05051403) 1018.09932 (05041424) 617.34429
(05112522)
 3814295.5 | 263.01713 (05051803) 605.51938 (05091920)
970.33550 (05101123) 1106.59809 (05110423) 1195.44518

(05110423)
3814220.5 | 162.90885 (05122418) 517.14161 (05122121) 917.02308 (05110123) 830.49790 (05012320) 1015.64134 (05012320)
3814145.5 | 274.82014 (05012320) 422.51612 (05090724) 265.87705 (05122305) 170.07797 (05122310) 238.03281 (05122305)
3814070.5 | 314.20353 (05012119) 116.85767 (05102423) 74.65617 (05021513) 76.89031 (05120410) 215.78400 (05062401)
3813995.5 | 81.11876 (05082602) 57.61288 (05123013) 56.01777 (05020203) 70.38038 (05123013) 122.60460 (05030702)
3813920.5 | 196.61380 (05021011) 109.64222 (05051802) 67.87256 (05120409) 51.18855 (05112708) 67.74751 (05060407)
3813845.5 | 523.82253 (05072202) 319.30282 (05073005) 84.39617 (05122304) 45.81177 (05120417) 55.85606 (05112708)
3813770.5 | 802.31314 (05122120) 737.81179 (05073102) 380.12080 (05073102) 94.94927 (05020519) 121.72814 (05010622)
3813695.5 | 668.93777 (05061924) 471.58970 (05061924) 180.49305 (05120417) 163.07630 (05122304) 204.50418 (05122304)
3813620.5 | 465.08211 (05011219) 534.94650 (05011702) 286.66902 (05122304) 97.62937 (05020218) 168.18124 (05010622)
3813545.5 | 365.58087 (05122304) 163.28573 (05121005) 87.13954 (05030805) 93.12081 (05121005) 217.80685 (05032119)
3813470.5 | 211.66084 (05062302) 80.39719 (05121005) 175.89477 (05032119) 259.60515 (05032119) 203.11471 (05030624)
3813395.5 | 284.81160 (05032119) 350.61730 (05032119) 495.03967 (05032119) 588.85581 (05032119) 531.49759 (05041101)
3813320.5 | 272.34952 (05032119) 278.59418 (05082604) 496.35276 (05031420) 466.95978 (05031420) 480.57462 (05030805)
3813245.5 | 423.21263 (05031420) 418.24696 (05031420) 468.07254 (05123022) 247.40266 (05112218) 87.50966 (05082724)
3813170.5 | 341.20651 (05123022) 297.85216 (05112218) 112.03172 (05082724) 68.13434 (05123012) 63.27792 (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 | 74.00326 (05020619) 76.58477 (05120218)
72.75293 (05022410) 130.07062 (05062907) 140.27217
(05081707)
3816020.5 | 93.47454 (05031509) 81.25929 (05022008)
76.51670 (05102503) 119.60476 (05061908) 141.70885
(05122210)
3815945.5 | 93.42761 (05030513) 94.59721 (05041823)
79.49209 (05102503) 91.97011 (05080907) 133.07349
(05122615)
3815870.5 | 90.90937 (05022206) 109.89399 (05091102)
97.59193 (05081707) 98.10659 (05102503) 118.30026
(05061908)
3815795.5 | 110.43908 (05022206) 115.32144 (05101524)
120.87091 (05031509) 107.08395 (05020619) 107.68526
(05030402)
3815720.5 | 144.87549 (05022121) 120.81071 (05022206)
123.50578 (05101524) 121.17989 (05091102) 107.58232
(05020619)
3815645.5 | 155.44538 (05031509) 143.08759 (05022121)
132.47369 (05022206) 130.63114 (05091102) 114.12123
(05041823)
3815570.5 | 195.74817 (05101807) 163.73597 (05030306)

137.40141 (05100408) 106.21501 (05022206) 128.13871
(05062907)
 3815495.5 | 183.08713 (05050802) 135.95518 (05030519)
108.34392 (05072023) 123.82443 (05022008) 114.64571
(05022410)
 3815420.5 | 172.61862 (05060206) 130.49161 (05092021)
108.35134 (05022821) 127.15503 (05022008) 132.19162
(05100408)
 3815345.5 | 176.12216 (05052206) 138.96839 (05060205)
160.16247 (05022523) 137.03294 (05030519) 112.25284
(05051622)
 3815270.5 | 204.72494 (05073106) 149.43973 (05121724)
117.48727 (05022205) 102.48059 (05051623) 131.41447
(05072023)
 3815195.5 | 314.41055 (05102501) 206.16384 (05021920)
135.67189 (05010219) 113.09370 (05123123) 161.00415
(05092021)
 3815120.5 | 509.80376 (05030521) 286.44813 (05010703)
207.76326 (05122620) 142.56575 (05051706) 180.14038
(05022523)
 3815045.5 | 667.11468 (05022004) 511.99104 (05072106)
350.59782 (05102521) 186.40317 (05021920) 220.26030
(05031107)
 3814970.5 | 566.07184 (05060524) 776.01505 (05040702)
411.15424 (05022004) 218.53352 (05091101) 209.98028
(05022001)
 3814895.5 | 385.37710 (05021321) 1294.48518 (05060524)
1055.04744 (05031307) 500.14583 (05050723) 330.30033
(05072106)
 3814820.5 | 305.64365 (05022321) 1294.59536 (05012018)
1368.14831 (05012221) 527.30991 (05060522) 856.91442
(05051301)
 3814745.5 | 423.93940 (05010206) 1333.58914 (05122722)
1489.44775 (05012221) 1395.17905 (05012018) 1535.33826
(05012221)
 3814670.5 | 1249.06906 (05050724) 1505.40707 (05042924)
1562.74095 (05050724) 1755.45506 (05010619) 1809.13271
(05012221)
 3814595.5 | 1231.83504 (05031006) 1345.70840 (05111321)
1347.33545 (05111321) 1641.41568 (05050724) 1747.42561
(05111002)
 3814520.5 | 642.07447 (05110422) 684.41129 (05092523)
734.56613 (05110422) 1321.65543 (05110118) 610.44778
(05010217)
 3814445.5 | 650.30420 (05062201) 698.05505 (05110624)
751.76719 (05062201) 1274.32922 (05102107) 1541.20787
(05051403)
 3814370.5 | 655.10337 (05051123) 696.06638 (05123108)
755.60493 (05123019) 810.80813 (05091902) 891.48575
(05110624)
 3814295.5 | 1153.80077 (05010205) 694.74746 (05051123)
756.60597 (05051123) 823.28040 (05051123) 892.27582

(05072103)
3814220.5 | 1148.67059 (05122305) 682.38954 (05122301) 740.69113 (05122301) 799.11403 (05122301) 861.20936 (05092224)
3814145.5 | 999.67296 (05060724) 1169.48510 (05062401) 725.92740 (05122305) 782.67834 (05122305) 840.49652 (05122305)
3814070.5 | 1043.97887 (05041024) 1226.56652 (05041301) 1318.95010 (05051802) 787.10472 (05062401) 842.15672 (05021923)
3813995.5 | 552.75420 (05030702) 658.67579 (05051802) 958.32652 (05021923) 1200.20708 (05061821) 723.94935 (05122304)
3813920.5 | 223.43011 (05021923) 160.30655 (05072202) 358.42568 (05061924) 1118.70089 (05122120) 621.99069 (05010622)
3813845.5 | 56.77896 (05112708) 70.03158 (05091608) 130.57356 (05010622) 281.60334 (05121005) 580.18212 (05010622)
3813770.5 | 82.74605 (05091608) 97.48237 (05020218) 128.01993 (05122120) 351.22432 (05122304) 523.83623 (05030805)
3813695.5 | 186.91647 (05073005) 244.10607 (05073005) 325.63875 (05062302) 605.95720 (05020519) 776.75703 (05112219)
3813620.5 | 369.04851 (05020519) 395.10863 (05032119) 697.63938 (05112219) 839.08794 (05031420) 865.95740 (05031420)
3813545.5 | 437.44170 (05032119) 444.30477 (05030624) 768.44874 (05041101) 666.38615 (05031420) 597.58923 (05030805)
3813470.5 | 121.86910 (05112219) 108.02829 (05041101) 597.08033 (05123022) 308.14279 (05082724) 181.01051 (05082603)
3813395.5 | 136.54090 (05030805) 107.36488 (05031420) 259.92045 (05032119) 157.89484 (05112219) 95.37716 (05022224)
3813320.5 | 253.78121 (05082724) 83.08668 (05082603) 75.72596 (05020123) 94.06888 (05022224) 56.57968 (05022302)
3813245.5 | 81.17631 (05082603) 66.75573 (05020123) 43.81979 (05062804) 49.75765 (05020123) 59.41079 (05022302)
3813170.5 | 113.21994 (05062804) 52.06588 (05020108) 44.18299 (05092822) 54.60774 (05022302) 78.95740 (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 | 73.94659 (05101210) 127.47050 (05122412)
70.83051 (05052906) 73.44440 (05122603) 66.44572
(05080708)
3816020.5 | 73.14743 (05050701) 136.60894 (05011209)
76.05173 (05011022) 86.67979 (05121803) 68.50203
(05090510)
3815945.5 | 154.03493 (05081707) 158.91949 (05101210)
132.39104 (05122412) 95.21860 (05041824) 78.85048
(05042419)
3815870.5 | 145.95650 (05122210) 146.54386 (05051409)
149.23318 (05011209) 107.73716 (05061908) 100.12081
(05121803)
3815795.5 | 141.32351 (05111210) 171.62069 (05053106)
170.59390 (05101210) 142.21146 (05122412) 110.99069
(05032419)
3815720.5 | 115.73581 (05061908) 160.41532 (05122615)
178.40281 (05041708) 163.68634 (05090409) 128.78100
(05041824)
3815645.5 | 110.68906 (05102503) 157.25550 (05053106)
181.41296 (05122210) 182.79283 (05122615) 149.62469
(05061908)
3815570.5 | 121.75327 (05050807) 128.89530 (05030402)

176.70071 (05062907) 193.24848 (05041708) 177.38666 (05090409)
3815495.5 | 141.03719 (05031509) 126.55110 (05030402) 174.81674 (05101210) 187.25601 (05122615) 191.68354 (05122615)
3815420.5 | 137.84872 (05022410) 145.08547 (05091102) 192.20379 (05081707) 181.65332 (05080907) 203.09360 (05122615)
3815345.5 | 132.66693 (05100408) 165.97694 (05111210) 186.61036 (05030402) 140.94620 (05061908) 188.04102 (05122210)
3815270.5 | 181.42620 (05022008) 169.69282 (05102706) 226.27948 (05121805) 153.29891 (05030402) 180.68292 (05061908)
3815195.5 | 172.29496 (05110710) 286.82019 (05040803) 192.12797 (05042404) 180.82320 (05091102) 150.77326 (05102503)
3815120.5 | 235.30720 (05021223) 339.94483 (05022007) 221.53950 (05030306) 184.94404 (05101524) 171.73654 (05081707)
3815045.5 | 346.71632 (05021302) 335.49670 (05051624) 186.07163 (05030519) 202.15585 (05100408) 193.90503 (05030513)
3814970.5 | 600.31394 (05010218) 499.17893 (05060301) 364.35052 (05051624) 218.94091 (05030513) 203.91223 (05100408)
3814895.5 | 715.40256 (05102501) 425.32990 (05060304) 235.84910 (05051706) 211.37068 (05092021) 213.22063 (05050807)
3814820.5 | 1372.53717 (05101923) 663.28642 (05032421) 331.23636 (05102501) 443.76946 (05060205) 331.28871 (05010218)
3814745.5 | 1473.56831 (05100304) 396.26740 (05021321) 619.68853 (05030521) 497.55188 (05030501) 498.37539 (05102521)
3814670.5 | 1482.70513 (05010619) 724.65645 (05063006) 1003.70323 (05101923) 1558.32944 (05012321) 1049.82186 (05102501)
3814595.5 | 491.63117 (05102207) 783.49605 (05010424) 2230.69014 (05062005) 2412.43391 (05042206) 2141.85801 (05060524)
3814520.5 | 786.28255 (05102520) 1281.88450 (05102819) 2228.15202 (05122722) 1214.53715 (05062124) 2642.08525 (05010621)
3814445.5 | 1690.34283 (05102819) 2096.73187 (05102107) 2334.47717 (05040302) 1262.79016 (05053022) 1403.22932 (05101102)
3814370.5 | 955.47490 (05062201) 1032.10346 (05062624) 1155.85128 (05090401) 1286.08104 (05012019) 1450.01265 (05110422)
3814295.5 | 961.13802 (05041523) 1047.82956 (05110623) 1143.22677 (05100923) 1279.16328 (05052001) 1431.51005

(05091902)
3814220.5 | 927.20964 (05092224) 1007.67369 (05122421) 1111.94697 (05110521) 1227.28973 (05091920) 1356.59862 (05091920)
3814145.5 | 902.54084 (05012320) 967.43648 (05012320) 1046.17128 (05012320) 1144.74091 (05030702) 1273.60139 (05030702)
3814070.5 | 918.05189 (05021923) 984.59354 (05041301) 1026.24290 (05041024) 1108.35223 (05073102) 1169.40696 (05082602)
3813995.5 | 814.85430 (05030702) 858.22058 (05021923) 838.43038 (05021923) 833.98830 (05010622) 923.05791 (05072202)
3813920.5 | 643.17690 (05011219) 712.76834 (05011702) 751.47925 (05010622) 775.74705 (05121703) 825.95290 (05030805)
3813845.5 | 596.55140 (05121703) 618.38459 (05030805) 753.99934 (05030805) 1156.60912 (05030624) 922.39659 (05121703)
3813770.5 | 404.17443 (05020519) 421.06611 (05032119) 881.38230 (05030624) 899.88276 (05032119) 862.38985 (05032119)
3813695.5 | 480.40647 (05030624) 66.42901 (05020218) 121.05009 (05020124) 648.15584 (05032119) 782.88063 (05012020)
3813620.5 | 423.91752 (05030805) 109.17622 (05020124) 96.97666 (05123022) 157.39934 (05022224) 361.91942 (05100518)
3813545.5 | 549.27536 (05082603) 279.38022 (05012020) 149.07526 (05022224) 472.03076 (05032524) 511.16658 (05112219)
3813470.5 | 278.37576 (05030624) 332.09921 (05012622) 145.25902 (05032524) 166.41961 (05120310) 244.00307 (05021005)
3813395.5 | 79.75874 (05020202) 152.66013 (05123022) 144.10291 (05120310) 196.46586 (05020118) 131.53036 (05062303)
3813320.5 | 65.03972 (05020108) 97.40553 (05082724) 88.34673 (05012622) 236.99430 (05020118) 331.62720 (05122319)
3813245.5 | 128.74145 (05022224) 146.44933 (05100518) 89.86770 (05022224) 63.89607 (05022224) 138.56735 (05062805)
3813170.5 | 103.01043 (05022224) 94.83088 (05062303) 241.34544 (05100624) 156.40683 (05010106) 294.95941 (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 | 67.28949 (05121811) 103.28220 (05011712)
136.17256 (05122311) 133.45645 (05010410) 147.16801
(05102411)
3816020.5 | 87.79644 (05091105) 99.58624 (05050820)
132.09821 (05060906) 145.28328 (05061206) 146.08354
(05020512)
3815945.5 | 97.88260 (05122809) 107.83095 (05020512)
141.91433 (05060906) 157.20940 (05060707) 163.85867
(05020512)
3815870.5 | 101.81189 (05102318) 114.03464 (05041902)
136.45011 (05050820) 152.46971 (05061206) 163.86548
(05062008)
3815795.5 | 105.90409 (05091105) 107.26391 (05091105)
140.26688 (05050820) 168.22924 (05061206) 183.89714
(05110923)
3815720.5 | 116.59233 (05121803) 120.42459 (05090409)
139.85719 (05041902) 177.88661 (05122311) 170.31184
(05060906)
3815645.5 | 123.03805 (05032419) 119.40315 (05102318)
124.57206 (05041902) 170.51658 (05011712) 177.56643
(05060906)
3815570.5 | 112.54797 (05080907) 123.91612 (05080607)

115.70836 (05012117) 155.66854 (05011712) 181.64237
(05060707)
3815495.5 | 153.52395 (05061908) 119.43543 (05121803)
94.22837 (05102108) 137.31458 (05011712) 171.43494
(05111710)
3815420.5 | 193.12353 (05090409) 128.29008 (05032419)
117.15167 (05051409) 117.76655 (05041902) 180.74155
(05041610)
3815345.5 | 202.44398 (05122615) 109.82506 (05052906)
97.91226 (05042419) 95.43448 (05102108) 115.57805
(05092018)
3815270.5 | 204.98649 (05081707) 127.25023 (05061908)
133.99312 (05032419) 107.25446 (05122603) 150.06379
(05041610)
3815195.5 | 198.98500 (05122615) 213.88392 (05122615)
174.23435 (05061908) 159.37357 (05080607) 160.02158
(05011712)
3815120.5 | 178.40933 (05061908) 228.13548 (05122615)
228.08570 (05080907) 173.84753 (05121803) 170.26492
(05020512)
3815045.5 | 182.02789 (05031508) 232.82968 (05080907)
254.55415 (05080607) 196.66746 (05041824) 200.51778
(05010410)
3814970.5 | 215.13742 (05091102) 256.15153 (05030402)
265.57727 (05122210) 245.71474 (05122412) 212.70716
(05080607)
3814895.5 | 242.65692 (05102706) 395.56407 (05020621)
268.71027 (05101210) 274.78770 (05122615) 223.12116
(05032419)
3814820.5 | 345.05984 (05022121) 460.09779 (05020621)
289.08602 (05091102) 283.26723 (05122615) 296.37238
(05122412)
3814745.5 | 634.47778 (05050802) 518.44875 (05022121)
275.33945 (05022410) 256.14965 (05061908) 326.73006
(05041708)
3814670.5 | 1284.38139 (05112424) 598.57725 (05050802)
327.53324 (05050807) 333.71167 (05091102) 427.71224
(05102522)
3814595.5 | 2467.81545 (05110401) 1194.26735 (05011018)
568.40046 (05050802) 442.99113 (05051624) 965.39347
(05102522)
3814520.5 | 2940.82827 (05071403) 2678.33881 (05071104)
531.83062 (05070706) 439.63044 (05022205) 1685.62717
(05010917)
3814445.5 | 3063.06757 (05111618) 1009.89469 (05022003)
609.26279 (05042405) 567.70934 (05102521) 3506.46667
(05042921)
3814370.5 | 1216.37562 (05102207) 1485.51081 (05102819)
1337.95635 (05052706) 1970.17652 (05092301) 2940.86389
(05081605)
3814295.5 | 2669.17469 (05082702) 3132.19821 (05082702)
1699.34184 (05122317) 4244.56478 (05102819) 3190.32256

(05113020)
3814220.5 | 1529.36003 (05032601) 1898.18290 (05041523) 3744.94798 (05123021) 2781.50142 (05072103) 3207.96738 (05100923)
3814145.5 | 1414.47050 (05051802) 1626.13394 (05051802) 2004.44608 (05093001) 2403.06861 (05072202) 2959.43012 (05060724)
3814070.5 | 1285.21321 (05073005) 1375.31399 (05030702) 1484.12991 (05021923) 1783.72005 (05072202) 2200.56037 (05030624)
3813995.5 | 984.12967 (05010622) 1083.54931 (05121703) 1274.88574 (05121703) 1501.22984 (05062302) 1823.54397 (05041101)
3813920.5 | 928.52866 (05031420) 1042.04061 (05062302) 1194.03000 (05062302) 1258.37891 (05062302) 1400.00452 (05010208)
3813845.5 | 945.19134 (05031420) 955.11751 (05032524) 1027.83036 (05062804) 1035.15243 (05041101) 1077.01624 (05082502)
3813770.5 | 809.46057 (05062302) 900.38589 (05032524) 777.33478 (05032524) 780.19166 (05062303) 892.35021 (05082504)
3813695.5 | 802.69531 (05032524) 670.42729 (05032524) 608.39546 (05062303) 667.35825 (05100624) 863.47247 (05122323)
3813620.5 | 551.97831 (05032524) 624.82090 (05082504) 596.37123 (05100624) 681.16088 (05101424) 881.75294 (05020504)
3813545.5 | 587.74618 (05021005) 151.03538 (05012622) 451.53764 (05122323) 1754.72466 (05062805) 686.55071 (05020504)
3813470.5 | 212.54061 (05062804) 53.50601 (05022224) 269.49398 (05122323) 746.13689 (05020504) 659.10985 (05062303)
3813395.5 | 358.65461 (05082504) 525.44682 (05031105) 283.82814 (05031105) 742.86087 (05020504) 611.57014 (05012101)
3813320.5 | 379.64829 (05100624) 467.57358 (05122323) 1241.71938 (05020504) 487.78171 (05021005) 1097.80278 (05111802)
3813245.5 | 575.88390 (05031105) 489.30125 (05122323) 418.95641 (05020504) 387.61264 (05012101) 551.70141 (05011802)
3813170.5 | 383.26104 (05122323) 419.58731 (05020504) 348.78747 (05031419) 402.42909 (05012101) 420.98610 (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 | 161.76364 (05122512) 141.37785 (05061506)
142.37750 (05101708) 173.34261 (05081908) 178.24255
(05022510)
3816020.5 | 165.13104 (05060707) 160.08414 (05113009)
151.34714 (05102519) 195.85350 (05122413) 182.53957
(05080707)
3815945.5 | 177.47373 (05012212) 170.60877 (05062008)
177.10191 (05031710) 208.21214 (05102519) 204.55264
(05013009)
3815870.5 | 201.10085 (05110924) 207.55409 (05021309)
232.76650 (05032223) 269.79585 (05102519) 336.36616
(05060222)
3815795.5 | 211.09946 (05042109) 220.41782 (05061106)
280.48098 (05070306) 394.78742 (05030323) 473.34176
(05110324)
3815720.5 | 181.29848 (05061206) 224.60175 (05061106)
301.12252 (05030323) 460.48395 (05030323) 412.63092
(05102204)
3815645.5 | 205.97048 (05061506) 238.10340 (05110924)
243.61210 (05011020) 271.92917 (05030323) 441.50947
(05070206)
3815570.5 | 203.23581 (05011712) 219.39534 (05113009)

191.81463 (05102418) 247.41080 (05032223) 255.81727
(05031518)
3815495.5 | 197.10084 (05020512) 201.45941 (05122512)
192.28046 (05081008) 231.42710 (05101708) 200.52585
(05122413)
3815420.5 | 187.71620 (05012211) 207.59152 (05060707)
195.33346 (05051107) 224.52463 (05081908) 200.48246
(05122413)
3815345.5 | 119.20922 (05092307) 218.92556 (05060707)
194.52834 (05031710) 226.47719 (05081908) 199.00352
(05122810)
3815270.5 | 137.88433 (05122809) 153.76699 (05102411)
132.40168 (05092307) 153.59700 (05081908) 141.36306
(05120811)
3815195.5 | 192.75936 (05061206) 220.27038 (05012212)
211.72337 (05113009) 165.58054 (05081908) 232.35998
(05060510)
3815120.5 | 158.65704 (05111710) 242.25654 (05102411)
231.85301 (05111811) 247.89021 (05081908) 252.10356
(05122312)
3815045.5 | 224.57068 (05060906) 249.88772 (05020512)
263.60271 (05113009) 268.10312 (05111811) 262.18380
(05122312)
3814970.5 | 239.08392 (05011712) 255.77029 (05062008)
288.44751 (05113009) 295.15253 (05081908) 270.59407
(05112910)
3814895.5 | 260.86116 (05050820) 285.40204 (05122809)
318.11227 (05113009) 323.45302 (05081908) 268.78644
(05101009)
3814820.5 | 308.02634 (05122603) 330.46863 (05041610)
355.81869 (05102411) 348.39932 (05081908) 277.98749
(05022510)
3814745.5 | 336.70378 (05032419) 378.37025 (05020512)
402.71792 (05113009) 386.86647 (05081008) 320.73406
(05022510)
3814670.5 | 402.08485 (05122210) 443.69200 (05122311)
597.73458 (05070506) 453.28388 (05111811) 405.11540
(05021012)
3814595.5 | 1137.34920 (05021218) 793.86045 (05021904)
837.83322 (05121722) 540.76427 (05031710) 481.80565
(05122810)
3814520.5 | 1572.43914 (05022422) 1895.17528 (05122619)
759.15440 (05102205) 538.59258 (05112910) 503.56951
(05012410)
3814445.5 | 4787.83766 (05091201) 3040.91206 (05042922)
1015.77290 (05030322) 790.55513 (05051107) 645.25227
(05120211)
3814370.5 | 5259.89604 (05092101) 1321.11501 (05090922)
818.55744 (05122809) 1028.12928 (05080707) 1012.87133
(05042508)
3814295.5 | 3063.20243 (05032507) 993.24143 (05100408)
0.00000 (00000000) 0.00000 (00000000) 0.00000

(00000000)
3814220.5 | 1278.42292 (05010803) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814145.5 | 4162.00643 (05062401) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814070.5 | 2717.08728 (05073005) 4995.45108 (05122319)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3813995.5 | 2051.78469 (05082502) 2702.44722 (05040123)
3374.19174 (05092201) 4331.92803 (05020304) 4864.75975
(05010105)
3813920.5 | 1607.65135 (05082502) 2065.15603 (05122323)
2234.87061 (05082504) 2335.67260 (05082504) 3126.12021
(05011708)
3813845.5 | 1292.71139 (05101424) 1518.64019 (05021005)
1589.27485 (05122319) 1634.81929 (05082502) 1984.12416
(05011708)
3813770.5 | 1211.95028 (05020504) 1274.84290 (05120403)
1192.42846 (05082502) 1215.96632 (05082502) 1476.47616
(05120903)
3813695.5 | 918.25073 (05111802) 1059.28764 (05122323)
966.94320 (05011923) 968.24035 (05120903) 1184.97326
(05020102)
3813620.5 | 742.56368 (05012101) 802.76772 (05122323)
826.71278 (05011923) 758.54473 (05082502) 982.74720
(05030420)
3813545.5 | 738.37031 (05012101) 610.85483 (05101424)
720.81277 (05011923) 624.61739 (05082502) 818.82360
(05030420)
3813470.5 | 714.38785 (05011802) 508.92279 (05082502)
647.17671 (05011923) 524.80952 (05082504) 696.58757
(05011804)
3813395.5 | 683.01305 (05122323) 482.30764 (05011804)
592.89355 (05120403) 448.24527 (05082504) 598.05826
(05020304)
3813320.5 | 527.22910 (05031105) 704.52277 (05031419)
593.61985 (05120403) 388.09933 (05082502) 531.28261
(05011803)
3813245.5 | 413.54349 (05101424) 449.71244 (05031419)
541.35171 (05111802) 413.68317 (05082504) 512.24443
(05021608)
3813170.5 | 291.97911 (05031105) 395.67509 (05031419)
485.63656 (05111802) 315.83954 (05020304) 526.49677
(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
- -
- -
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3816095.5 | 177.55563 (05122312) 141.55459 (05101009)
167.35284 (05060510) 102.59438 (05122810) 123.71861
(05060807)
3816020.5 | 177.76778 (05122312) 215.05911 (05041901)
208.73163 (05031223) 275.03731 (05111003) 220.00738
(05020703)
3815945.5 | 183.13173 (05122810) 315.02602 (05021905)
308.90822 (05071206) 450.21473 (05040405) 798.05939
(05082903)
3815870.5 | 324.92375 (05061603) 399.99789 (05110117)
535.94828 (05022401) 737.14759 (05082903) 1184.71935
(05061804)
3815795.5 | 697.11664 (05012721) 824.52485 (05070206)
941.43944 (05091523) 1057.93367 (05111718) 1227.98567
(05122621)
3815720.5 | 499.76571 (05061603) 1077.66417 (05082203)
1303.58171 (05082622) 1272.89428 (05090302) 1318.67846
(05111718)
3815645.5 | 646.29832 (05022722) 1059.16143 (05110403)
1247.68807 (05101920) 1334.55223 (05122621) 1214.58392
(05080503)
3815570.5 | 489.21555 (05110117) 548.29392 (05022807)

524.64797 (05040405) 1426.49639 (05061804) 1472.44201
(05060902)
 3815495.5 | 198.80356 (05060222)   265.38347 (05020721)
190.11350 (05111019)   441.75632 (05011917)   919.97361
(05082424)
 3815420.5 | 192.34864 (05022510)   181.49077 (05122810)
169.25615 (05012410)   290.28898 (05050522)   444.35985
(05011517)
 3815345.5 | 186.56540 (05022510)   167.72268 (05122810)
150.07529 (05012410)   168.74377 (05120211)   288.33070
(05041905)
 3815270.5 | 142.89466 (05030710)   118.48784 (05052109)
177.33002 (05121709)   192.33000 (05050520)   239.20951
(05120511)
 3815195.5 | 181.24677 (05052911)   127.36776 (05060807)
205.91974 (05121709)   180.53496 (05041409)   236.74302
(05042508)
 3815120.5 | 192.99889 (05021012)   144.02710 (05012410)
197.04510 (05050608)   197.74412 (05042508)   244.15609
(05090107)
 3815045.5 | 224.77005 (05120211)   187.17622 (05121709)
173.33725 (05021710)   252.07023 (05042508)   247.12213
(05012011)
 3814970.5 | 231.36004 (05122810)   183.13755 (05121709)
220.04425 (05060807)   264.52542 (05091307)   249.30099
(05102010)
 3814895.5 | 196.56195 (05060807)   199.00356 (05050608)
255.70519 (05042508)   276.51926 (05042508)   262.96876
(05081107)
 3814820.5 | 263.40698 (05012410)   234.44503 (05021710)
288.30659 (05091307)   292.82070 (05102010)   297.08632
(05010412)
 3814745.5 | 303.39464 (05121709)   322.67381 (05090107)
293.48001 (05042508)   295.48360 (05082607)   285.23394
(05030510)
 3814670.5 | 388.37989 (05050608)   390.20804 (05120511)
360.44108 (05081107)   319.03504 (05112016)   301.72289
(05052108)
 3814595.5 | 452.04776 (05021710)   423.92861 (05110409)
386.34661 (05121210)   333.35576 (05041108)   356.26573
(05082808)
 3814520.5 | 460.11947 (05072208)   441.06978 (05082607)
391.29462 (05110508)   354.22615 (05052108)   391.60672
(05103112)
 3814445.5 | 653.01498 (05100109)   472.65210 (05112016)
431.69180 (05091707)   386.83960 (05111509)   409.80379
(05013011)
 3814370.5 | 749.71832 (05030510)   698.34642 (05091707)
473.74824 (05083007)   524.15312 (05122116)   803.93796
(05121708)
 3814295.5 | 1032.47749 (05112211)   739.73824 (05092509)
551.13946 (05111408)   714.95518 (05031318)   1828.24091

(05092707)
3814220.5 | 2494.74814 (05111409) 1112.03056 (05060606) 789.33747 (05040507) 607.23775 (05010409) 1798.46549 (05101724)
3814145.5 | 4207.81701 (05021208) 3568.46919 (05021406) 695.40750 (05012409) 916.09375 (05033107) 660.99905 (05122708)
3814070.5 | 1881.66540 (05120108) 3786.39657 (05121103) 996.08293 (05112308) 948.84701 (05062106) 884.10932 (05111908)
3813995.5 | 3579.56003 (05122104) 4160.79690 (05122808) 2813.40477 (05122002) 3272.68516 (05022323) 878.66193 (05032007)
3813920.5 | 2620.01662 (05112104) 2751.75038 (05122405) 4337.34800 (05020905) 922.40238 (05021607) 889.41524 (05100707)
3813845.5 | 2178.33802 (05122024) 2212.38471 (05012002) 3831.19704 (05011606) 3091.05104 (05123024) 1745.64443 (05111804)
3813770.5 | 1763.64273 (05011708) 2065.66906 (05011722) 1952.61874 (05012005) 1707.85577 (05011601) 1634.97193 (05011621)
3813695.5 | 1802.77207 (05112702) 1646.80673 (05122024) 1390.45885 (05020404) 1359.05352 (05112205) 1319.87304 (05120601)
3813620.5 | 1135.01077 (05101701) 1214.34582 (05020102) 1216.09980 (05122107) 1162.72705 (05120605) 1157.74825 (05012005)
3813545.5 | 890.00214 (05011708) 1054.81589 (05013106) 1028.45345 (05122024) 1029.56477 (05112104) 966.83799 (05112205)
3813470.5 | 773.78038 (05020305) 862.13865 (05112702) 907.49288 (05031504) 922.29613 (05121906) 881.00935 (05112002)
3813395.5 | 674.17650 (05010506) 699.89875 (05101701) 853.46677 (05013106) 800.59360 (05122024) 813.28100 (05112105)
3813320.5 | 605.11585 (05112704) 632.43690 (05011708) 709.37549 (05013106) 693.81877 (05011605) 730.78664 (05121906)
3813245.5 | 569.48754 (05030420) 563.62834 (05020305) 592.72433 (05112702) 661.19681 (05020102) 645.88600 (05122103)
3813170.5 | 558.25938 (05030420) 522.94185 (05020305) 506.82659 (05120406) 611.95110 (05013106) 566.19615 (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 | 204.80336 (05061523) 128.08719 (05041905)
180.03350 (05011917) 113.58870 (05032807) 151.50195
(05061406)
3816020.5 | 240.29583 (05060224) 351.11776 (05032222)
379.77507 (05121804) 201.65780 (05111217) 322.08530
(05071506)
3815945.5 | 1056.45116 (05090301) 795.68992 (05090301)
906.95434 (05060901) 722.26237 (05020622) 1043.15775
(05022623)
3815870.5 | 1152.08550 (05080503) 1191.17115 (05082003)
1109.59233 (05092601) 1018.07681 (05020622) 415.27831
(05081523)
3815795.5 | 1142.70586 (05060902) 431.04310 (05032222)
883.27140 (05042705) 444.39618 (05060501) 435.40414
(05040722)
3815720.5 | 476.79064 (05121804) 459.14785 (05120517)
462.62020 (05030423) 468.95657 (05081523) 457.64532
(05092804)
3815645.5 | 509.13469 (05061601) 497.74161 (05011517)
495.97853 (05060501) 485.14527 (05040722) 449.92299
(05111018)
3815570.5 | 1369.44787 (05062603) 525.24604 (05120517)

528.29043 (05081523) 523.03689 (05081424) 449.95201
(05102407)
3815495.5 | 357.16988 (05032222) 1289.79752 (05060521)
1116.58979 (05031923) 530.85695 (05111018) 451.64174
(05031906)
3815420.5 | 924.96129 (05040122) 1494.03701 (05060521)
1390.02088 (05022623) 527.97312 (05111018) 484.05452
(05092804)
3815345.5 | 546.80602 (05121706) 688.67109 (05102307)
999.79536 (05030905) 1398.61508 (05012522) 546.41020
(05041820)
3815270.5 | 237.75322 (05031308) 216.05071 (05031308)
290.93752 (05033118) 899.61769 (05122618) 273.22352
(05032618)
3815195.5 | 221.98022 (05012011) 194.66348 (05022409)
216.35018 (05051408) 226.73740 (05101909) 252.73529
(05020704)
3815120.5 | 223.32554 (05031308) 213.00426 (05081107)
221.29989 (05022409) 231.62324 (05041108) 208.40244
(05050707)
3815045.5 | 230.09062 (05120110) 241.42258 (05010412)
237.24809 (05101411) 208.54165 (05101410) 222.36112
(05082808)
3814970.5 | 252.75409 (05051408) 259.57158 (05050707)
225.71659 (05081907) 233.25169 (05082808) 236.32672
(05121016)
3814895.5 | 278.56232 (05101909) 270.92324 (05112016)
258.25437 (05051807) 260.72546 (05092710) 254.06539
(05041707)
3814820.5 | 286.44948 (05101909) 280.11054 (05110508)
395.12035 (05102403) 651.74682 (05120308) 1463.91777
(05051001)
3814745.5 | 265.79921 (05052108) 280.34736 (05100708)
265.02676 (05080309) 257.51376 (05091319) 248.09360
(05083007)
3814670.5 | 318.75969 (05082808) 294.59092 (05032308)
273.62888 (05073007) 319.18190 (05120306) 529.73113
(05021308)
3814595.5 | 344.64740 (05032308) 396.69671 (05120307)
302.72789 (05083007) 479.11268 (05111023) 2292.84411
(05062304)
3814520.5 | 712.42063 (05032422) 1466.29777 (05051702)
1688.50732 (05010322) 969.79522 (05122617) 1002.14330
(05060520)
3814445.5 | 385.80303 (05122116) 629.74803 (05121708)
2643.16143 (05112818) 1140.72140 (05011124) 995.41976
(05122508)
3814370.5 | 748.28313 (05092107) 405.53893 (05031318)
665.42481 (05031318) 2218.52673 (05090601) 1563.05432
(05042903)
3814295.5 | 3516.04109 (05121401) 2664.25708 (05100502)
1593.66876 (05030106) 1975.57027 (05012707) 1805.72193

(05122623)
3814220.5 | 1874.28380 (05101702) 1574.06694 (05080804) 1378.04088 (05051024) 1252.91574 (05121004) 642.14190 (05012823)
3814145.5 | 3543.25690 (05112921) 1479.67505 (05042824) 1200.82066 (05042824) 1271.77894 (05121308) 1100.23111 (05042824)
3814070.5 | 1781.07644 (05030123) 1398.19773 (05111022) 1128.86147 (05012908) 1038.25034 (05111022) 971.45175 (05021104)
3813995.5 | 1680.03168 (05021323) 1309.65001 (05112120) 1179.44842 (05021702) 979.30474 (05092606) 858.08925 (05120221)
3813920.5 | 1709.60800 (05120817) 1512.89401 (05121106) 1050.58037 (05090404) 939.12050 (05101304) 826.93706 (05031522)
3813845.5 | 2126.47388 (05021421) 2762.90539 (05040206) 1297.71364 (05120817) 1172.60778 (05013020) 869.63581 (05112120)
3813770.5 | 1385.17398 (05092605) 1316.26820 (05120904) 1191.24499 (05120904) 2466.90138 (05103103) 2157.41262 (05120520)
3813695.5 | 1121.39607 (05020319) 1090.24101 (05112204) 1172.25049 (05122002) 1039.64489 (05120524) 888.29137 (05012008)
3813620.5 | 1011.82960 (05031501) 973.11733 (05122403) 956.40253 (05122403) 964.73713 (05111804) 798.14029 (05120904)
3813545.5 | 922.36841 (05111705) 940.20826 (05031501) 819.97584 (05122403) 962.29669 (05020319) 732.97922 (05031104)
3813470.5 | 838.88675 (05012005) 796.00334 (05111722) 850.76425 (05031501) 795.87968 (05013023) 711.13006 (05031104)
3813395.5 | 770.71945 (05120605) 729.11420 (05112004) 713.90026 (05120601) 785.19632 (05122101) 787.24420 (05013023)
3813320.5 | 716.47156 (05031503) 678.97546 (05112002) 646.11558 (05112205) 695.83951 (05122106) 621.07866 (05111901)
3813245.5 | 665.58909 (05011722) 637.12247 (05011604) 606.23921 (05012003) 581.46646 (05111722) 642.28825 (05122405)
3813170.5 | 597.64538 (05121906) 596.05391 (05112104) 571.31708 (05120605) 545.15097 (05012005) 537.95989 (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 | 944.44703 (05020622) 412.40453 (05050720)
224.74826 (05052606) 237.91443 (05021205) 804.32907
(05062902)
3816020.5 | 568.14848 (05081905) 1018.81630 (05110806)
440.12341 (05040304) 1037.75054 (05052705) 771.48818
(05061824)
3815945.5 | 1003.86497 (05050601) 374.39049 (05040722)
1037.97259 (05012522) 828.10359 (05120720) 296.12642
(05102407)
3815870.5 | 1057.09244 (05123107) 378.98355 (05111018)
986.29300 (05100105) 315.17870 (05031906) 325.06781
(05041820)
3815795.5 | 415.08985 (05040722) 367.57712 (05032521)
345.60822 (05051606) 357.61656 (05102703) 344.59632
(05030320)
3815720.5 | 415.24223 (05111018) 368.05509 (05031906)
358.48701 (05102703) 360.69048 (05021101) 344.28750
(05061721)
3815645.5 | 379.38856 (05081523) 372.25225 (05031906)
381.42191 (05041820) 374.03165 (05051606) 317.01129
(05081422)
3815570.5 | 403.23905 (05051606) 407.84905 (05041820)

412.13775 (05051606)   368.55214 (05081422)   320.81637
(05071003)
 3815495.5 | 439.23961 (05102703)   441.67331 (05121618)
398.05909 (05081422)   336.39228 (05102222)   323.84854
(05042119)
 3815420.5 | 495.91286 (05021101)   458.60302 (05061721)
359.71180 (05102719)   343.26171 (05042119)   333.34355
(05040121)
 3815345.5 | 526.05811 (05051606)   427.02901 (05100519)
403.54702 (05102703)   382.82476 (05040121)   382.36718
(05070906)
 3815270.5 | 1451.72136 (05022806)   492.54294 (05102703)
476.16212 (05040121)   459.04287 (05070906)   398.73863
(05102202)
 3815195.5 | 1026.07775 (05051904)   1439.36760 (05051222)
1209.47113 (05051222)   517.74072 (05102202)   480.68584
(05032921)
 3815120.5 | 304.78372 (05012623)   381.08217 (05102222)
359.82120 (05042424)   569.35918 (05061620)   1145.62644
(05062605)
 3815045.5 | 229.06486 (05021511)   233.28589 (05080309)
457.57696 (05010701)   1552.99650 (05051001)   1485.40630
(05081506)
 3814970.5 | 271.23631 (05120303)   305.62088 (05120308)
251.29597 (05021207)   384.11972 (05032422)   1234.80755
(05062505)
 3814895.5 | 566.76466 (05062006)   1268.40836 (05110119)
423.00589 (05012618)   784.04480 (05021422)   1324.87318
(05021422)
 3814820.5 | 1848.57495 (05080102)   1879.25553 (05102921)
1263.41535 (05091723)   872.76738 (05110807)   1609.20090
(05120719)
 3814745.5 | 1189.11942 (05082801)   1807.45182 (05081906)
694.52726 (05102402)   1760.30269 (05062304)   1252.11677
(05051906)
 3814670.5 | 424.50157 (05010322)   1979.22118 (05062304)
1864.09046 (05090502)   672.25715 (05060520)   621.85996
(05060520)
 3814595.5 | 2053.19239 (05090502)   820.59779 (05122706)
1599.07365 (05112818)   1737.46098 (05061005)   628.96092
(05021324)
 3814520.5 | 858.30885 (05060520)   736.31389 (05021324)
688.82342 (05061723)   695.37983 (05122508)   660.01574
(05032301)
 3814445.5 | 2270.61319 (05030207)   849.05214 (05021324)
725.95568 (05122508)   597.74753 (05031523)   653.82088
(05061722)
 3814370.5 | 955.00687 (05050604)   823.00180 (05011707)
774.94093 (05120907)   608.67331 (05120907)   621.16500
(05061722)
 3814295.5 | 1015.13310 (05011703)   833.83798 (05011121)
669.74279 (05051221)   610.16022 (05100521)   589.68155

(05041324)
3814220.5 | 1211.35108 (05101821) 854.86693 (05020419) 767.28066 (05020419) 616.33451 (05020419) 558.75965 (05091924)
3814145.5 | 2195.71185 (05122123) 1851.81119 (05122122) 737.94643 (05120321) 730.63893 (05120321) 563.17979 (05111020)
3814070.5 | 886.22879 (05012908) 893.72358 (05021104) 824.08254 (05050922) 723.61474 (05020318) 552.41365 (05021104)
3813995.5 | 840.06202 (05101619) 720.27837 (05011122) 666.13616 (05111022) 670.74727 (05111022) 593.21018 (05031423)
3813920.5 | 754.59068 (05011622) 696.32149 (05021702) 628.02716 (05092606) 583.67311 (05042823) 547.13744 (05011622)
3813845.5 | 746.28206 (05102505) 641.54790 (05050921) 605.67902 (05042901) 569.42788 (05042901) 529.74309 (05042901)
3813770.5 | 803.17770 (05120817) 740.06177 (05121106) 652.94626 (05011908) 528.54963 (05011308) 493.85987 (05050921)
3813695.5 | 699.03105 (05121908) 650.20742 (05120817) 590.37525 (05120817) 543.97007 (05121106) 480.24012 (05112120)
3813620.5 | 636.32945 (05111906) 585.93948 (05121103) 562.24374 (05020223) 535.78572 (05120817) 492.74985 (05030124)
3813545.5 | 636.95991 (05112824) 575.05393 (05120524) 532.98763 (05120904) 488.23664 (05051022) 479.24943 (05121908)
3813470.5 | 607.19126 (05013104) 567.50970 (05031506) 530.77385 (05120904) 470.27525 (05021607) 447.69183 (05112124)
3813395.5 | 592.65297 (05120603) 534.62196 (05112204) 505.97637 (05011508) 480.77164 (05112824) 443.35458 (05120524)
3813320.5 | 560.22071 (05013023) 517.64318 (05013104) 476.98286 (05122403) 454.09239 (05011508) 436.50606 (05011508)
3813245.5 | 527.09603 (05111901) 487.91122 (05120603) 464.93888 (05013104) 440.19574 (05032805) 414.37745 (05092605)
3813170.5 | 509.80604 (05011507) 468.93290 (05111901) 444.42375 (05122101) 424.61908 (05011621) 407.50222 (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)
350508.88	3814829.88	286.16296	(05020719)
350283.70	3815266.49	191.28603	(05031618)
350539.82	3814604.70	308.28936	(05083007)
350467.63	3814245.45	1716.90357	(05101620)
350008.68	3813941.20	3000.30404	(05013106)
350147.91	3813936.04	2617.44864	(05013023)
350557.01	3814453.44	2626.89008	(05072205)
349200.78	3815251.02	148.25168	(05061908)
349173.28	3815257.89	138.83581	(05102503)
348862.58	3814174.11	862.27160	(05060724)
348862.58	3815183.55	179.69209	(05022523)
350494.71	3815179.68	204.84442	(05022409)
350486.97	3814363.62	458.17696	(05111609)
350216.24	3814363.62	496.42234	(05022408)
350216.24	3814193.45	689.78620	(05060606)
349991.92	3813969.12	3825.89870	(05122103)
349794.67	3813961.39	2634.67933	(05082504)
349597.42	3814065.81	2246.41961	(05073102)
349121.71	3814085.15	1112.58787	(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 | 27.05056 (05051624) 28.28805 (05051624)
26.75019 (05060924) 25.57008 (05022208) 21.33133
(05022208)
3816020.5 | 36.64211 (05051624) 36.70641 (05051624)
28.91176 (05051624) 24.54465 (05022208) 24.62661
(05022208)
3815945.5 | 41.26831 (05051624) 42.95565 (05051624)
35.14987 (05051624) 23.00344 (05051624) 27.52625
(05022208)
3815870.5 | 47.44873 (05010424) 47.58477 (05051624)
45.00271 (05051624) 37.16709 (05051624) 28.39347
(05051624)
3815795.5 | 50.55162 (05010424) 50.80308 (05010424)
51.44242 (05051624) 49.86363 (05051624) 37.60434
(05051624)
3815720.5 | 51.43854 (05010424) 54.51262 (05010424)
53.09224 (05010424) 43.66088 (05010424) 40.45900
(05051624)
3815645.5 | 47.35308 (05010424) 54.74739 (05010424)
57.27223 (05010424) 50.94209 (05010424) 47.41378
(05010424)
3815570.5 | 47.72828 (05070708) 58.04346 (05070708)

57.23864 (05010424) 53.37349 (05010424) 56.31568
(05010424)
3815495.5 | 49.04744 (05070708) 79.33405 (05070708)
53.55999 (05070708) 48.53136 (05010424) 66.97612
(05010424)
3815420.5 | 84.15423 (05092524) 91.39698 (05070708)
59.66679 (05070708) 42.32416 (05010424) 68.63027
(05062624)
3815345.5 | 95.92811 (05022008) 109.19215 (05092524)
63.17325 (05092524) 46.04311 (05051924) 116.65146
(05070708)
3815270.5 | 120.83684 (05022008) 117.13918 (05022008)
79.41174 (05022008) 68.21055 (05092524) 161.99890
(05070708)
3815195.5 | 130.02342 (05022008) 137.81169 (05022008)
112.33405 (05022008) 91.84885 (05022008) 183.70862
(05092524)
3815120.5 | 169.46016 (05121324) 134.70686 (05121324)
123.59419 (05022008) 100.89638 (05022008) 133.66136
(05022008)
3815045.5 | 203.79822 (05121324) 194.31155 (05121324)
155.47119 (05121324) 115.71572 (05022008) 138.61644
(05022008)
3814970.5 | 157.69483 (05121324) 150.05759 (05121324)
116.83454 (05121324) 92.98979 (05121324) 89.46369
(05022008)
3814895.5 | 75.92743 (05122224) 67.12285 (05070624)
61.95160 (05070624) 71.92824 (05070624) 93.47343
(05121324)
3814820.5 | 93.14593 (05122224) 108.64323 (05122224)
68.77768 (05122224) 93.86711 (05122224) 109.69401
(05031124)
3814745.5 | 154.04194 (05122224) 207.69668 (05122224)
141.61157 (05122224) 196.30913 (05122224) 202.24291
(05031124)
3814670.5 | 317.75356 (05062208) 301.79991 (05062208)
228.09480 (05122724) 220.25603 (05122224) 319.02691
(05122224)
3814595.5 | 393.85567 (05062208) 408.16165 (05062208)
406.54155 (05062208) 434.10611 (05062208) 417.99780
(05062208)
3814520.5 | 339.04239 (05062208) 370.38170 (05062208)
365.54949 (05062208) 374.51409 (05062208) 243.57510
(05091908)
3814445.5 | 329.76624 (05110624) 334.59148 (05110624)
326.52562 (05110624) 327.34709 (05110624) 247.64405
(05110624)
3814370.5 | 241.95847 (05110624) 301.79424 (05110624)
324.23531 (05110624) 331.32001 (05110624) 240.44120
(05110624)
3814295.5 | 98.34983 (05060408) 156.31940 (05060408)
226.85072 (05123024) 267.33687 (05123024) 281.45241

(05123024)
3814220.5 | 53.45682 (05060408) 123.80216 (05122308)
222.02092 (05122308) 201.64228 (05122308) 249.34369
(05122308)
3814145.5 | 53.48436 (05122308) 86.07940 (05122308)
52.71358 (05122308) 36.15971 (05060408) 48.07730
(05122308)
3814070.5 | 70.10490 (05021924) 33.04777 (05021924)
18.69279 (05120416) 19.77965 (05120416) 64.42720
(05021924)
3813995.5 | 34.14199 (05021924) 18.17585 (05021016)
19.70954 (05021016) 22.04286 (05021016) 47.89175
(05021924)
3813920.5 | 68.09893 (05021924) 41.64115 (05021924)
26.71956 (05021016) 26.96744 (05021016) 28.05738
(05021016)
3813845.5 | 163.58742m(05061924) 95.09727m(05061924)
24.17725 (05021016) 26.65122 (05120416) 30.19011
(05120416)
3813770.5 | 164.75936m(05061924) 144.95891 (05010624)
75.30799 (05010624) 32.41257 (05120416) 33.65120
(05120416)
3813695.5 | 165.91703 (05010624) 153.73062 (05010624)
51.53253 (05020524) 29.24245 (05020524)
43.42482m(05121708)
3813620.5 | 131.01153 (05010624) 126.35518m(05121708)
101.81334m(05121708) 52.19933m(05121708)
125.35478m(05121708)
3813545.5 | 146.65443m(05121708) 139.95289m(05121708)
52.73561m(05121708) 49.39058m(05121708)
144.65719m(05121708)
3813470.5 | 180.02506m(05121708) 62.15820m(05121708)
117.30547m(05121708) 98.19876m(05121708) 73.91297
(05112224)
3813395.5 | 189.12862 (05112224) 179.27743 (05112224)
257.11223 (05112224) 265.22644 (05112224) 238.52197
(05112224)
3813320.5 | 110.32883 (05112224) 117.90101 (05112224)
262.14383 (05112224) 285.18727 (05112224) 220.25951
(05112224)
3813245.5 | 212.62066 (05112224) 243.96692 (05112224)
245.89024 (05112224) 162.16889 (05112224) 27.41505
(05123024)
3813170.5 | 217.45051 (05112224) 176.81799 (05112224)
66.87979 (05112224) 26.25167 (05123024) 22.89146
(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 | 24.05805 (05111216) 28.07822 (05111216)
19.56823 (05111216) 26.71860 (05111216) 27.65167
(05122608)
3816020.5 | 22.19967 (05022208) 26.69019 (05111216)
29.48710 (05111216) 29.43659 (05111216) 26.15155
(05111216)
3815945.5 | 25.79984 (05022208) 27.14854 (05060924)
28.77909 (05111216) 31.17800 (05111216) 29.55919
(05111216)
3815870.5 | 29.99376 (05022208) 36.03708 (05060924)
26.30268 (05111216) 31.29709 (05111216) 32.20716
(05111216)
3815795.5 | 35.98559 (05060924) 43.73353 (05060924)
37.16228 (05060924) 29.39662 (05111216) 33.35927
(05111216)
3815720.5 | 50.90883 (05051624) 42.20225 (05060924)
45.45637 (05060924) 40.03974 (05060924) 32.28684
(05111216)
3815645.5 | 64.00801 (05051624) 51.80874 (05051624)
49.86876 (05060924) 45.84028 (05060924) 33.61655
(05060924)
3815570.5 | 78.71966 (05051624) 67.09890 (05051624)

43.03660 (05051624) 35.59136 (05022208) 35.07912
(05022208)
3815495.5 | 73.09024 (05030224) 61.21425 (05051624)
42.10784 (05051624) 31.77177 (05051624) 34.67962
(05022208)
3815420.5 | 74.31588 (05010424) 63.10640 (05010424)
49.40396 (05010424) 50.98447 (05051624) 34.30932
(05022208)
3815345.5 | 70.56529 (05010424) 72.13269 (05010424)
75.25151 (05010424) 61.32114 (05010424) 42.56781
(05051624)
3815270.5 | 110.66598 (05070708) 68.82623 (05010424)
64.50847 (05010424) 57.84381 (05010424) 60.40857
(05010424)
3815195.5 | 178.81860 (05070708) 113.11796 (05070708)
64.30748 (05010424) 61.79879 (05010424) 80.94139
(05010424)
3815120.5 | 251.55900 (05092524) 171.69245 (05070708)
100.05297 (05070708) 65.70082 (05010424) 94.95303
(05010424)
3815045.5 | 239.44676 (05100208) 244.49702 (05092524)
189.97113 (05092524) 92.32211 (05070708) 110.94540
(05070708)
3814970.5 | 227.90677 (05121324) 286.75041 (05111424)
191.94896 (05022008) 123.88835 (05022008) 113.36449
(05070708)
3814895.5 | 199.62562 (05121324) 451.20660 (05121324)
383.84359 (05111424) 234.46102 (05022008) 181.93678
(05022008)
3814820.5 | 143.70521 (05121324) 529.21258 (05121324)
537.13612 (05121324) 245.28899 (05121324) 352.16027
(05111424)
3814745.5 | 174.98639 (05031124) 416.23248 (05121324)
550.50133 (05121324) 588.68709 (05121324) 612.27526
(05121324)
3814670.5 | 354.53699 (05031124) 443.00903 (05031124)
484.52654 (05031124) 560.36669 (05121324) 681.27614
(05121324)
3814595.5 | 432.47562 (05062208) 436.45007 (05122724)
471.19864 (05122724) 485.37376 (05031124) 546.49309
(05031124)
3814520.5 | 269.00944 (05122724) 297.71949 (05122724)
327.95696 (05122724) 431.10791 (05062208) 234.42600
(05122224)
3814445.5 | 264.34867 (05110624) 281.63114 (05110624)
313.04864 (05091908) 563.11325 (05062208) 690.48187
(05062208)
3814370.5 | 262.79773 (05110624) 287.58949 (05110624)
314.00177 (05110624) 343.37795 (05110624) 377.00466
(05110624)
3814295.5 | 294.03454 (05110624) 243.43299 (05110624)
271.93246 (05110624) 304.14568 (05110624) 340.34903

(05110624)
3814220.5 | 285.15206 (05122308) 219.07223 (05122308) 239.40830 (05012124) 259.63077 (05122308) 282.40397 (05122308)
3814145.5 | 241.35829 (05012124) 354.88341 (05012124) 234.64246 (05012124) 254.84924 (05012124) 272.79427 (05122308)
3814070.5 | 238.20300 (05021924) 311.04206 (05012124) 319.12080 (05012124) 225.23380 (05012124) 235.08395 (05122308)
3813995.5 | 156.26822 (05021924) 182.60022 (05021924) 229.30981 (05021924) 287.34124m(05061924) 231.05113 (05010124)
3813920.5 | 48.71543 (05021924) 37.54638 (05123124) 59.83399m(05061924) 244.64493m(05061924) 221.39689 (05010124)
3813845.5 | 33.35737 (05120416) 36.33482 (05120416) 38.59037 (05120416) 70.41809 (05010624) 217.18591 (05010124)
3813770.5 | 33.82542 (05120416) 33.17079 (05120416) 31.50924 (05120416) 126.20721m(05121708) 215.52982 (05112224)
3813695.5 | 68.23150m(05121708) 142.59588m(05121708) 196.11192m(05121708) 328.66393 (05112224) 369.98234 (05112224)
3813620.5 | 220.51848m(05121708) 253.20228m(05121708) 348.48632 (05112224) 402.67758 (05112224) 450.05783 (05112224)
3813545.5 | 213.19325 (05112224) 184.81695 (05112224) 373.24942 (05112224) 331.49543 (05112224) 228.90587 (05112224)
3813470.5 | 41.14992 (05112224) 45.39882 (05112224) 265.25731 (05112224) 154.17275 (05112224) 44.10143 (05123024)
3813395.5 | 50.07342 (05112224) 31.28338 (05030624) 93.28845 (05112224) 36.70771 (05123024) 29.61459 (05120316)
3813320.5 | 148.51025 (05112224) 28.50577 (05032524) 25.62528 (05120316) 28.83313 (05120316) 27.56353 (05120316)
3813245.5 | 25.06225 (05032524) 25.60694 (05120316) 27.35765 (05120316) 25.57921 (05120316) 31.92936 (05062808)
3813170.5 | 30.13875 (05082724) 26.36372 (05120316) 23.56933 (05120316) 23.57060 (05062808) 27.43967 (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 | 30.50997 (05122608) 35.50182 (05122608)
28.66325 (05122608) 24.06627 (05122608) 21.94345
(05111716)
3816020.5 | 30.15731 (05122608) 38.90753 (05122608)
33.92337 (05122608) 31.11511 (05011216) 20.68139
(05111716)
3815945.5 | 31.49405 (05122608) 41.65654 (05122608)
37.80940 (05122608) 38.82402 (05122608) 25.29897
(05122608)
3815870.5 | 31.77186 (05050708) 40.30127 (05122608)
45.89750 (05122608) 46.44388 (05122608) 36.01520
(05122608)
3815795.5 | 32.74082 (05111216) 40.21899 (05122608)
50.54309 (05122608) 53.20066 (05122608) 45.73982
(05122608)
3815720.5 | 35.01028 (05111216) 42.73458 (05050708)
51.08706 (05122608) 57.63912 (05122608) 54.76911
(05122608)
3815645.5 | 34.98070 (05111216) 38.37053 (05050708)
49.14025 (05050708) 60.00124 (05122608) 61.81682
(05122608)
3815570.5 | 32.26560 (05111216) 37.74579 (05111216)

51.12584 (05050708) 58.63133 (05122608) 60.83561
(05122608)
3815495.5 | 35.49301 (05022208) 36.18143 (05111216)
51.00514 (05021724) 51.27976 (05122608) 57.53671
(05122608)
3815420.5 | 39.51725 (05022208) 47.54724 (05060924)
54.54518 (05021724) 54.64264 (05050708) 62.56422
(05122608)
3815345.5 | 41.70939 (05022208) 65.47062 (05060924)
63.41288 (05060924) 43.54180 (05111216) 43.56874
(05122608)
3815270.5 | 56.33179 (05051624) 64.85812 (05060924)
89.76307 (05060924) 43.58188 (05110908) 46.93284
(05050708)
3815195.5 | 80.21206 (05051624) 111.45489 (05051624)
77.31473 (05060924) 62.03276 (05060924) 47.38315
(05111216)
3815120.5 | 106.40955 (05010424) 134.26037 (05030224)
99.86816 (05051624) 68.67676 (05060924) 48.34145
(05022208)
3815045.5 | 137.75217 (05092624) 135.81908 (05092624)
86.15704 (05010424) 75.74750 (05051624) 64.50568
(05022208)
3814970.5 | 316.81755 (05070708) 217.38829 (05070708)
150.51388 (05092624) 108.79393 (05051624) 63.76588
(05022208)
3814895.5 | 396.43868 (05070708) 245.45389 (05070708)
124.95235 (05010424) 115.46649 (05010424) 100.31249
(05010424)
3814820.5 | 489.74172 (05092524) 363.45133 (05070708)
215.36202 (05070708) 215.04501 (05070708) 163.86153
(05010424)
3814745.5 | 584.28897 (05111424) 239.48874 (05022008)
335.67021 (05070708) 312.01584 (05070708) 264.30023
(05070708)
3814670.5 | 650.75382 (05121324) 366.71952 (05121324)
477.87322 (05111424) 623.47314 (05070708) 611.21391
(05070708)
3814595.5 | 222.73681 (05031124) 411.04419 (05121324)
917.11954 (05121324) 1003.06055 (05111424) 899.88315
(05111424)
3814520.5 | 315.00059 (05122224) 477.87423 (05031124)
816.87703 (05121324) 702.76916 (05121324) 1113.64643
(05121324)
3814445.5 | 723.35742 (05062208) 784.91036 (05062208)
810.53903 (05062208) 602.17373 (05113024) 754.84733
(05121324)
3814370.5 | 409.31556 (05110624) 460.33413 (05091908)
540.93787 (05091908) 628.69800 (05091908) 737.02018
(05091908)
3814295.5 | 380.12632 (05110624) 428.43732 (05110624)
486.50011 (05110624) 564.94522 (05110624) 653.69600

(05110624)
3814220.5 | 309.13297 (05122308) 339.77100 (05122308) 377.93474 (05122308) 423.40822 (05122308) 491.35936 (05110624)
3814145.5 | 299.60073 (05122308) 329.49053 (05122308) 367.09830 (05122308) 409.88242 (05122308) 465.05657 (05122308)
3814070.5 | 260.91804 (05122308) 291.49285 (05122308) 319.52509 (05122308) 353.03782 (05122308) 391.66986 (05122308)
3813995.5 | 258.97238 (05010124) 274.16338 (05010124) 267.32220 (05122308) 297.38366 (05010124) 346.13927 (05010124)
3813920.5 | 224.45908 (05010124) 239.93049 (05010124) 258.34968 (05010124) 294.01415 (05112224) 355.66869 (05112224)
3813845.5 | 235.88444 (05010124) 262.27836 (05112224) 317.14597 (05112224) 613.05938 (05112224) 451.42987 (05112224)
3813770.5 | 188.38194m(05121708) 153.60798m(05121708) 312.55926 (05112224) 331.95073 (05112224) 423.53185 (05112224)
3813695.5 | 152.85188 (05112224) 24.51801 (05020124) 35.64268 (05020124) 245.20827 (05112224) 358.71336 (05112224)
3813620.5 | 127.06333 (05112224) 33.09795 (05020124) 34.97384 (05020124) 39.19236 (05020124) 89.56901 (05082608)
3813545.5 | 261.86927 (05112224) 73.89818 (05123024) 37.26522 (05082724) 161.66964 (05012024) 293.17640 (05010208)
3813470.5 | 71.16860 (05123024) 87.79060 (05082608) 41.98875 (05062808) 51.65984 (05010208) 237.56859 (05010208)
3813395.5 | 29.79371 (05120316) 51.80292 (05062808) 41.20799 (05062808) 178.64695 (05010208) 127.08730 (05010208)
3813320.5 | 24.95949 (05062808) 28.91199 (05062808) 62.04902 (05010208) 278.81869 (05010208) 265.82506 (05010208)
3813245.5 | 46.34379 (05012024) 168.79177 (05010208) 163.23084 (05010208) 174.71801 (05010208) 167.54412 (05020508)
3813170.5 | 90.89160 (05010208) 196.93731 (05010208) 236.19245 (05010208) 211.25312 (05020508) 184.16244 (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 | 26.47246 (05111716) 38.38823 (05111716)
31.77612 (05111716) 29.71679 (05041616) 32.32289
(05042116)
3816020.5 | 37.09553 (05111716) 40.37387 (05111716)
35.10501 (05111716) 33.96529 (05091108) 33.32708
(05042116)
3815945.5 | 35.68314 (05111716) 41.75620 (05111716)
38.54195 (05111716) 41.91819 (05091108) 54.00955
(05110924)
3815870.5 | 33.65431 (05111716) 42.31785 (05111716)
42.73583 (05091108) 44.74387 (05091108) 59.32226
(05110924)
3815795.5 | 33.85956 (05122608) 41.73807 (05111716)
44.75794 (05111716) 62.22250 (05091108) 62.93553
(05110924)
3815720.5 | 43.16865 (05122608) 40.56054 (05111716)
46.78638 (05111716) 57.43885 (05091108) 44.73029
(05091108)
3815645.5 | 50.22811 (05122608) 38.20796 (05111716)
47.64800 (05111716) 48.93328 (05091108) 41.36881
(05091108)
3815570.5 | 49.53611 (05122608) 36.15199 (05122608)

47.21593 (05111716) 49.87249 (05111716) 43.99306
(05091108)
3815495.5 | 56.59853 (05122608) 46.69485 (05122608)
35.01269 (05111716) 52.58412 (05111716) 45.92619
(05111716)
3815420.5 | 65.46194 (05122608) 57.02817 (05122608)
43.32465 (05111716) 53.80593 (05111716) 50.18779
(05111716)
3815345.5 | 59.72697 (05122608) 53.51126 (05122608)
41.14151 (05122608) 42.06633 (05111716) 43.95604
(05111716)
3815270.5 | 57.31191 (05122608) 59.11972 (05122608)
59.55051 (05122608) 43.84425 (05111716) 59.90411
(05111716)
3815195.5 | 49.85178 (05122608) 64.22112 (05122608)
76.12650 (05122608) 56.87338 (05122608) 64.29394
(05111716)
3815120.5 | 51.56275 (05111216) 68.77501 (05122608)
92.85365 (05122608) 77.74567 (05122608) 68.84325
(05111716)
3815045.5 | 54.58345 (05110908) 72.64437 (05050708)
108.65111 (05122608) 98.30552 (05122608) 70.79160
(05111716)
3814970.5 | 73.95009 (05022208) 87.16044 (05050708)
111.83923 (05122608) 98.06284 (05122608) 79.92337
(05122608)
3814895.5 | 105.90681 (05051624) 143.53685 (05060924)
90.52878 (05050708) 111.06681 (05122608) 112.53918
(05122608)
3814820.5 | 167.25746 (05051624) 175.58923 (05030224)
111.51463 (05060924) 105.03145 (05122608) 138.55183
(05122608)
3814745.5 | 306.45080 (05092624) 228.12003 (05030224)
97.30447 (05022208) 85.90427 (05122608) 138.11610
(05122608)
3814670.5 | 678.66494 (05070708) 288.52776 (05092624)
159.97624 (05010424) 138.48172 (05022208) 201.58600
(05122608)
3814595.5 | 1009.70306 (05070708) 692.05688 (05070708)
313.82345 (05022008) 240.93083 (05030224) 403.61984
(05082008)
3814520.5 | 1262.42997 (05111424) 1118.49604 (05111424)
392.34223 (05022008) 302.80429 (05022008) 837.80994
(05042408)
3814445.5 | 1249.09222 (05121324) 571.74787 (05111424)
431.59205 (05022008) 459.58249 (05022008) 1778.09138
(05042408)
3814370.5 | 544.10075 (05091908) 673.87462 (05091908)
719.76695 (05121324) 1189.21194 (05111424) 1828.69821
(05063008)
3814295.5 | 1122.07729 (05062208) 1367.84449 (05062208)
873.81565 (05091908) 1881.69609 (05091908) 1972.81416

(05121324)
3814220.5 | 594.53309 (05110624) 786.74933 (05110624) 1247.87686 (05110624) 1380.41485 (05110624) 1801.04505 (05110624)
3814145.5 | 531.72083 (05122308) 634.27988 (05122308) 830.67274 (05122308) 1066.44109 (05122308) 1426.80794 (05122308)
3814070.5 | 442.20548 (05122308) 525.60619 (05010124) 661.02651 (05010124) 862.28255 (05010124) 1177.19214 (05010124)
3813995.5 | 410.28428 (05010124) 495.40193 (05010124) 618.95841 (05112224) 788.84370 (05112224) 1004.68344 (05010124)
3813920.5 | 426.39442 (05112224) 502.37144 (05112224) 591.20402 (05112224) 676.31225 (05112224) 834.20729 (05010124)
3813845.5 | 434.43342 (05112224) 466.07698 (05112224) 492.30703 (05112224) 577.54906 (05010124) 685.66581 (05010124)
3813770.5 | 381.34693 (05112224) 388.60355 (05112224) 429.98310 (05010124) 493.09414 (05010124) 565.60105 (05010124)
3813695.5 | 379.57161 (05010124) 353.13473 (05010124) 377.53869 (05010124) 421.99491 (05010124) 471.25487 (05010124)
3813620.5 | 346.13333 (05010124) 391.21194 (05010124) 386.75492 (05010124) 371.43349 (05010124) 400.87362 (05010124)
3813545.5 | 348.08216 (05010208) 115.57667 (05010208) 269.23946 (05020508) 375.91057 (05021008) 347.15665 (05010124)
3813470.5 | 193.77791 (05010208) 32.07084 (05020124) 102.93916 (05021008) 353.30576 (05010124) 320.94644 (05010124)
3813395.5 | 299.56170 (05010208) 292.92367 (05020508) 68.65240 (05062308) 276.75962 (05122324) 336.80523 (05010124)
3813320.5 | 236.39195 (05010124) 251.56901 (05010124) 299.37151 (05122324) 274.68488 (05010124) 330.98917 (05122324)
3813245.5 | 232.79911 (05021008) 197.57733 (05010124) 238.66663 (05010124) 210.33339 (05010124) 240.14689 (05010124)
3813170.5 | 191.63795 (05010124) 186.23018 (05010124) 178.33542 (05010124) 189.93367 (05010124) 179.06506 (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 | 29.94428 (05042116) 34.51511 (05091008)
28.18182 (05091008) 28.74528 (05061424) 32.81824
(05022516)
3816020.5 | 31.72170 (05042116) 42.73328 (05091008)
43.46831 (05091008) 43.72952 (05061424) 35.62747
(05061424)
3815945.5 | 45.96137 (05110924) 51.67177m(05060124)
57.16150 (05091008) 53.07017 (05061424) 58.82330
(05071008)
3815870.5 | 74.03303 (05110924) 71.40753 (05011024)
73.59098 (05091008) 61.16787 (05061424) 89.79887
(05102308)
3815795.5 | 81.44802 (05110924) 80.77028 (05011024)
85.70315 (05091008) 88.04661 (05121524) 135.94336
(05121524)
3815720.5 | 47.68900 (05110924) 86.81765 (05011024)
93.35483 (05091008) 111.49908m(05072508) 113.28401
(05102308)
3815645.5 | 77.43243 (05110924) 93.42363 (05011024)
84.25395 (05091008) 66.93396 (05061424) 119.14548
(05102308)
3815570.5 | 69.28542 (05110924) 67.97582m(05060124)

66.00317 (05091008) 67.76491 (05091008) 78.99858
(05071008)
3815495.5 | 47.25805 (05091108) 42.60206 (05091008)
55.09346 (05091008) 59.78442 (05061424) 47.67988
(05061424)
3815420.5 | 42.15552 (05042116) 46.98453 (05091008)
52.01889 (05091008) 46.93200 (05061424) 47.44498
(05022516)
3815345.5 | 36.23226 (05111716) 46.63117 (05042116)
45.82038 (05091008) 47.51201 (05022516) 49.11906
(05030716)
3815270.5 | 42.45148 (05111716) 38.19155 (05042116)
32.69414 (05091008) 40.83203 (05022516) 39.07064
(05022516)
3815195.5 | 57.74503 (05111716) 53.59855 (05042116)
48.04164 (05091008) 45.01137 (05022516) 57.38023
(05030716)
3815120.5 | 56.31023 (05111716) 58.06729 (05042116)
59.42422 (05091008) 57.44643 (05022516) 62.26958
(05030716)
3815045.5 | 76.71433 (05111716) 62.02025 (05111716)
72.43731 (05091008) 65.70163 (05022516) 67.49930
(05030716)
3814970.5 | 90.18797 (05111716) 74.49920 (05111716)
80.90290 (05091008) 76.06788 (05022516) 72.36039
(05030716)
3814895.5 | 101.69940 (05091108) 90.67233 (05111716)
92.40083 (05091008) 87.52364m(05060124) 74.01127
(05030716)
3814820.5 | 135.97777 (05122608) 114.95935 (05111716)
120.40993m(05060124) 97.65142 (05022516) 75.67779
(05081316)
3814745.5 | 176.14221 (05122608) 148.39527 (05091108)
185.39161 (05011024) 113.29359 (05022516) 99.16598
(05060516)
3814670.5 | 217.90750 (05122608) 227.65414 (05091108)
271.83627 (05011024) 200.47978m(05060124) 139.03177
(05061524)
3814595.5 | 492.71859 (05121808) 371.90178 (05121808)
376.52601 (05011024) 268.07297m(05060124) 188.00379
(05061524)
3814520.5 | 728.87666 (05100824) 918.38290 (05110724)
388.26177 (05011024) 175.44179 (05022516) 190.26148
(05060516)
3814445.5 | 2164.02385 (05042408) 1475.21657 (05100824)
542.96903 (05121808) 315.46418m(05060124) 273.04163
(05060516)
3814370.5 | 2881.76956 (05042408) 877.46003 (05022008)
461.46231 (05111716) 449.98997 (05111716) 508.79307
(05060516)
3814295.5 | 1889.97576 (05111424) 634.15668 (05022008)
0.00000 (00000000) 0.00000 (00000000) 0.00000

(00000000)
3814220.5 | 744.85228 (05091908) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814145.5 | 2254.85626 (05122308) 0.00000 (00000000)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3814070.5 | 1685.48964 (05010124) 3396.93310 (05010124)
0.00000 (00000000) 0.00000 (00000000) 0.00000
(00000000)
3813995.5 | 1337.45169 (05010124) 1789.25189 (05010124)
2271.07816 (05010124) 2855.24640 (05010124) 3412.20728
(05122008)
3813920.5 | 1036.60541 (05010124) 1265.57396 (05010124)
1462.90157 (05010124) 1534.24801 (05010124) 2173.13614
(05122008)
3813845.5 | 808.45925 (05010124) 930.85894 (05010124)
1024.06825 (05010124) 1054.81689 (05010124) 1116.32358
(05013108)
3813770.5 | 641.75220 (05010124) 711.54979 (05010124)
760.85932 (05010124) 776.38547 (05010124) 757.23891
(05013108)
3813695.5 | 519.82651 (05010124) 561.97298 (05010124)
590.41232 (05010124) 599.13412 (05010124) 586.06881
(05010124)
3813620.5 | 429.19993 (05010124) 455.95262 (05010124)
473.41949 (05010124) 478.65532 (05010124) 470.73521
(05010124)
3813545.5 | 361.38024 (05010124) 378.76858 (05010124)
389.52866 (05010124) 392.75799 (05010124) 387.61102
(05010124)
3813470.5 | 310.09497 (05010124) 322.63223 (05010124)
327.70694 (05010124) 329.18383 (05010124) 325.62915
(05010124)
3813395.5 | 352.43702 (05010124) 293.53061 (05010124)
280.87903 (05010124) 280.79552 (05010124) 278.17356
(05010124)
3813320.5 | 205.27774 (05120408) 411.13354 (05011808)
263.98829 (05010124) 244.66051 (05010124) 245.99054
(05011808)
3813245.5 | 251.51860 (05010124) 295.29539 (05120408)
385.86640 (05011808) 263.82720 (05010124) 226.83484
(05011808)
3813170.5 | 185.44053 (05010124) 240.38415 (05010124)
350.09243 (05011808) 361.58790 (05011808) 233.44263
(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 | 46.75529 (05071008) 46.61794 (05030716)
64.97225 (05031224) 25.88514 (05030716) 25.38325
(05120216)
3816020.5 | 43.54223 (05071008) 70.96621 (05060424)
98.08803 (05031224) 97.18358 (05031224) 62.91244
(05020708)
3815945.5 | 55.15989 (05071008) 105.78996 (05031224)
133.35813 (05031224) 140.84902 (05031224) 204.29503
(05020708)
3815870.5 | 101.24165 (05071008) 134.62784 (05031224)
194.82387 (05031224) 188.40900 (05031224) 293.63068
(05020708)
3815795.5 | 191.32821 (05102308) 229.65280 (05031224)
265.11681 (05031224) 228.36974 (05020708) 310.86601
(05020708)
3815720.5 | 148.49417 (05060424) 280.87721 (05031224)
316.48440 (05031224) 293.90011 (05020708) 320.07270
(05112324)
3815645.5 | 186.22201 (05060424) 293.00509 (05031224)
314.76670 (05031224) 320.20046 (05020708) 316.97407
(05112324)
3815570.5 | 154.03108 (05060424) 219.52775 (05031224)

173.54531 (05031224) 354.85364 (05020708) 381.83938
(05112324)
3815495.5 | 68.58535 (05031224) 130.27660 (05031224)
53.44257 (05031224) 156.08537 (05060224) 250.85527
(05060224)
3815420.5 | 57.95491 (05030716) 60.30271 (05031224)
37.60153 (05052116) 116.06538 (05060224) 139.08689
(05050524)
3815345.5 | 58.59226 (05030716) 42.47065 (05060516)
39.42377 (05052116) 49.52934 (05050524) 100.22858
(05050524)
3815270.5 | 39.29038 (05081316) 35.44240 (05060516)
42.55278 (05010616) 58.74173 (05050524) 77.79801
(05050524)
3815195.5 | 58.30248 (05030716) 36.84212 (05060516)
42.56507 (05010616) 39.65202 (05050524) 39.90246
(05012616)
3815120.5 | 58.10113 (05030716) 40.54845 (05060516)
44.49901 (05010616) 35.99540 (05120516) 42.59449
(05012616)
3815045.5 | 59.16835 (05060516) 48.07846 (05010616)
43.12471 (05010616) 45.01766 (05110416) 62.04255
(05110208)
3814970.5 | 66.41653 (05060516) 45.26494 (05060516)
43.04044 (05110416) 51.73807 (05110208) 82.77900
(05110208)
3814895.5 | 59.37597 (05060516) 46.17609 (05010616)
50.37084 (05110416) 75.27278 (05110208) 98.09999
(05110208)
3814820.5 | 71.62697 (05060516) 55.01471 (05010616)
64.24397 (05110208) 97.20664 (05110208) 100.91690
(05110208)
3814745.5 | 91.49377 (05060516) 72.78513 (05110416)
91.48414 (05110208) 108.52699 (05110208) 87.87070
(05110208)
3814670.5 | 120.04907 (05061524) 108.99918 (05102224)
112.34232 (05110208) 101.78817 (05110208) 111.81001
(05101416)
3814595.5 | 146.92654 (05061524) 135.54568 (05102224)
127.62666 (05101416) 129.79010 (05101416) 125.52177
(05101416)
3814520.5 | 145.33157 (05102224) 146.83430 (05101416)
164.21785 (05101416) 135.22437 (05101416) 132.65068
(05120308)
3814445.5 | 246.47930 (05102224) 208.22798 (05101416)
177.43748 (05101416) 124.82291 (05111416) 166.56155
(05111416)
3814370.5 | 357.71447 (05101416) 320.87551 (05101416)
207.99924 (05111416) 240.46906 (05111416) 335.45266
(05111416)
3814295.5 | 507.14111 (05101416) 361.63481 (05111416)
279.38518 (05111416) 329.86845 (05111416) 936.64679

(05121824)
3814220.5 | 1124.06715 (05121824) 544.41846 (05122716)
398.44632 (05122716) 303.25121 (05122716) 968.24829
(05101824)
3814145.5 | 2772.38810 (05101308) 2852.68169 (05021408)
304.75694 (05121316) 462.51593 (05021408) 266.06354
(05031324)
3814070.5 | 1184.22044 (05020908) 2969.50823 (05120108)
479.18991 (05012824) 395.58211 (05122708) 400.62470
(05122708)
3813995.5 | 3354.90057 (05011608) 3481.58364 (05111824)
2111.01313 (05111824) 2447.53963 (05111824) 387.81284
(05122708)
3813920.5 | 2392.55324 (05011608) 2409.44687 (05011608)
3367.89647 (05110108) 518.22998 (05020908) 439.73002
(05020908)
3813845.5 | 1688.16884 (05122008) 2032.40489 (05011608)
2798.27907 (05120608) 2225.94580 (05110108) 1146.97614
(05120708)
3813770.5 | 1075.44884 (05122008) 1681.14500 (05011608)
1755.39869 (05011608) 1309.36033 (05120608) 1122.29833
(05120608)
3813695.5 | 923.54267 (05013108) 1168.06933 (05122008)
1187.10169 (05011608) 1176.06734 (05011608) 972.21006
(05120608)
3813620.5 | 545.90419 (05013108) 705.00540 (05122008)
889.34320 (05122008) 1005.27193 (05011608) 955.40112
(05011608)
3813545.5 | 417.26855 (05013108) 505.57612 (05013108)
683.91989 (05122008) 797.47235 (05011608) 828.52166
(05011608)
3813470.5 | 322.65709 (05013108) 413.45237 (05013108)
505.59426 (05122008) 637.81207 (05122008) 711.44137
(05011608)
3813395.5 | 272.21402 (05011808) 336.77587 (05013108)
379.84043 (05013108) 503.62911 (05122008) 577.69729
(05122008)
3813320.5 | 239.56485 (05011808) 274.04992 (05013108)
325.34531 (05013108) 383.23455 (05122008) 483.11971
(05122008)
3813245.5 | 220.04821 (05011808) 229.51289 (05013108)
276.63132 (05013108) 295.84997 (05013108) 387.50813
(05122008)
3813170.5 | 215.83948 (05011808) 193.22045 (05013108)
236.29682 (05013108) 263.01358 (05013108) 302.46354
(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 | 75.83778 (05020708) 43.24150 (05050524)
50.53434 (05060224) 21.64907 (05072208) 31.94109
(05012624)
3816020.5 | 86.24570 (05060224) 124.28200 (05060224)
91.93840 (05060224) 63.45474 (05012624) 72.11141
(05050524)
3815945.5 | 266.13458 (05020708) 203.74202 (05112324)
197.62671 (05112324) 150.55030 (05012624) 208.72214
(05102208)
3815870.5 | 299.32834 (05112324) 296.01481 (05112324)
234.21334 (05040124) 199.70386 (05102824) 130.58438
(05081424)
3815795.5 | 298.53993 (05112324) 154.37643 (05010124)
205.06294 (05022624) 133.87510 (05010124) 147.25012
(05081424)
3815720.5 | 168.07210 (05010124) 165.17381 (05010124)
152.89368 (05010124) 150.88893 (05081424) 162.57185
(05081424)
3815645.5 | 182.01743 (05010124) 171.83836 (05010124)
151.24086 (05081424) 168.25673 (05081424) 172.13314
(05081424)
3815570.5 | 329.44726 (05112324) 181.99511 (05010124)

174.73541 (05081424) 190.11288 (05081424) 184.26374
(05081424)
 3815495.5 | 109.09909 (05050524) 260.72979 (05022624)
290.20141 (05120724) 209.91369 (05081424) 195.56178
(05081424)
 3815420.5 | 207.28849 (05050524) 316.72944 (05102208)
381.82991 (05120724) 223.81982 (05081424) 198.99125
(05081424)
 3815345.5 | 133.69165 (05050524) 170.57628 (05081424)
276.08416 (05120724) 466.30224 (05120724) 212.90595
(05110208)
 3815270.5 | 58.07638 (05102224) 59.27943 (05110208)
78.32704 (05081424) 248.56022 (05120724) 66.68287
(05110208)
 3815195.5 | 51.43008 (05110208) 75.37107 (05110208)
84.68916 (05110208) 74.54347 (05110208) 67.70344
(05102224)
 3815120.5 | 70.06889 (05110208) 86.96473 (05110208)
82.42126 (05110208) 61.19462 (05110208) 56.52420
(05101416)
 3815045.5 | 86.55219 (05110208) 89.58014 (05110208)
70.70623 (05110208) 59.91139 (05101416) 57.03660
(05101416)
 3814970.5 | 95.16515 (05110208) 80.90807 (05110208)
67.44727 (05101416) 63.87752 (05101416) 53.94547
(05101416)
 3814895.5 | 91.26760 (05110208) 78.01157 (05101416)
73.27961 (05101416) 91.78900 (05120308) 97.40575
(05120308)
 3814820.5 | 87.45079 (05101416) 85.33050 (05101416)
137.55993 (05120308) 211.93323 (05120308) 371.22720
(05120308)
 3814745.5 | 89.88902 (05101416) 82.38995 (05101416)
67.16116 (05112216) 79.29702 (05120308) 77.78236
(05120308)
 3814670.5 | 101.21648 (05101416) 76.41298 (05101416)
75.57239 (05103116) 146.88417 (05120308) 205.81809
(05120308)
 3814595.5 | 141.98562 (05120308) 201.33121 (05120308)
95.38512 (05111416) 196.76219 (05111416) 898.23453
(05102808)
 3814520.5 | 341.03318 (05120308) 593.67228 (05102808)
721.72246 (05102808) 378.08939 (05102808) 463.57580
(05110208)
 3814445.5 | 187.43931 (05111416) 288.59279 (05111416)
1072.37471 (05110208) 604.71959 (05110208) 533.31155
(05110208)
 3814370.5 | 290.28929 (05111416) 152.90332 (05111416)
192.85650 (05111716) 1135.35432 (05110208) 732.88566
(05121824)
 3814295.5 | 2079.83980 (05110208) 1506.17829 (05110208)
824.40837 (05121824) 978.82523 (05121824) 831.13556

(05121824)
3814220.5 | 1003.99072 (05121308) 815.69496 (05121308) 693.57434 (05121308) 607.14548 (05121308) 263.44222 (05101824)
3814145.5 | 2278.35445 (05121308) 911.07825 (05121308) 699.38632 (05121308) 731.06605 (05121308) 602.68024 (05121308)
3814070.5 | 1114.99082 (05121308) 856.98381 (05121308) 684.53754 (05021408) 624.00874 (05021408) 570.41895 (05021408)
3813995.5 | 1019.57332 (05121608) 743.04773 (05121608) 643.68151 (05121608) 528.16732 (05021408) 475.61918 (05021408)
3813920.5 | 1057.21489 (05120108) 878.20989 (05120108) 587.44737 (05101308) 513.78780 (05101308) 434.37863 (05121608)
3813845.5 | 1529.99666 (05111824) 2037.81429 (05111824) 735.72059 (05120108) 640.27995 (05011308) 461.81186 (05011308)
3813770.5 | 865.87312 (05120708) 814.08576 (05111824) 752.83554 (05111824) 1701.81369 (05111824) 1341.11781 (05010608)
3813695.5 | 738.78536 (05120608) 644.94439 (05120708) 705.96760 (05120708) 644.09304 (05111824) 536.13439 (05111824)
3813620.5 | 724.03171 (05120608) 625.80769 (05120608) 545.38184 (05110108) 563.12855 (05120708) 453.25816 (05020908)
3813545.5 | 721.17118 (05011608) 648.48410 (05120608) 519.15814 (05120608) 541.21638 (05110108) 414.90614 (05120708)
3813470.5 | 701.94409 (05011608) 589.67748 (05011608) 569.70109 (05120608) 493.48658 (05120608) 385.96540 (05110108)
3813395.5 | 630.43005 (05011608) 593.54184 (05011608) 502.93544 (05011608) 513.66440 (05120608) 480.77176 (05120608)
3813320.5 | 532.63289 (05011608) 556.59779 (05011608) 510.92925 (05011608) 464.64329 (05011608) 396.49487 (05120608)
3813245.5 | 452.43783 (05122008) 489.90727 (05011608) 489.69380 (05011608) 438.92315 (05011608) 413.38629 (05122108)
3813170.5 | 380.15832 (05122008) 415.69344 (05122008) 445.79120 (05011608) 431.32214 (05011608) 394.47732 (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 | 193.55927 (05102824) 99.80866 (05102208)
59.67443 (05111024) 69.28427 (05111024) 218.29272
(05120724)
3816020.5 | 137.98556 (05102208) 205.75299 (05102208)
107.95926 (05111024) 271.06773 (05120724) 250.19313
(05120724)
3815945.5 | 216.13481 (05102208) 135.25873 (05081424)
256.00101 (05120724) 268.53425 (05120724) 112.46901
(05081424)
3815870.5 | 218.08058 (05120724) 145.26436 (05081424)
302.46318 (05120724) 124.42443 (05081424) 106.29734
(05081424)
3815795.5 | 154.35560 (05081424) 152.85219 (05081424)
139.10314 (05081424) 130.29251 (05110208) 99.27350
(05110208)
3815720.5 | 163.79835 (05081424) 154.69751 (05081424)
136.91939 (05081424) 110.83200 (05120724)
110.30655m(05121624)
3815645.5 | 165.33287 (05081424) 149.89749 (05081424)
126.91538 (05081424) 115.35074m(05121624)
112.86951m(05121624)
3815570.5 | 165.37386 (05081424) 139.88734 (05081424)

122.44319m(05121624)   126.50827m(05121624)
124.39483m(05121624)
 3815495.5 | 166.29100 (05081424)   132.77620 (05120724)
131.28960m(05121624)   127.71283m(05121624)
119.49194m(05121624)
 3815420.5 | 162.61795 (05120724)   149.07437m(05121624)
140.51373m(05121624)   129.80892m(05121624)   123.01903
(05102724)
 3815345.5 | 171.68808m(05121624)   165.18563m(05121624)
154.64986m(05121624)   140.91928 (05102724)   130.91406
(05102724)
 3815270.5 | 438.45622 (05051224)   187.39456m(05121624)
179.49724 (05102724)   157.18740 (05102724)   135.52808
(05102724)
 3815195.5 | 288.57915 (05051224)   372.44727 (05051224)
355.60855 (05092508)   176.68293 (05102724)   150.26006
(05102724)
 3815120.5 | 89.58395 (05102724)   115.07037 (05102724)
107.27269 (05120308)   138.42198 (05062608)   289.22849
(05051008)
 3815045.5 | 60.08545 (05120308)   86.96172 (05120308)
128.27372 (05120308)   381.67504 (05062008)   341.51137
(05090208)
 3814970.5 | 103.07667 (05120308)   97.05712 (05120308)
77.77091 (05120308)   114.64295 (05120224)   323.90969
(05082708)
 3814895.5 | 169.14878 (05120308)   305.23922 (05120308)
138.34265 (05120308)   233.83018 (05120308)   413.17931
(05082708)
 3814820.5 | 446.57860 (05101108)   563.67371 (05082708)
401.34758 (05082708)   290.32836 (05102808)   556.80114
(05102808)
 3814745.5 | 383.33589 (05082708)   638.66689 (05082708)
253.74529 (05102808)   650.85728 (05102808)   475.39114
(05102808)
 3814670.5 | 177.07278 (05111416)   753.07114 (05102808)
702.13945 (05102808)   264.12064 (05110208)   237.62698
(05110208)
 3814595.5 | 801.19564 (05102808)   343.62955 (05110208)
613.38291 (05110208)   666.62056 (05110208)   294.10296
(05110208)
 3814520.5 | 393.18083 (05110208)   349.60032 (05110208)
328.69842 (05110208)   337.01927 (05110208)   339.83998
(05110208)
 3814445.5 | 1108.56633 (05110208)   459.41988 (05110208)
374.40690 (05110208)   303.59085 (05110208)   325.08940
(05110208)
 3814370.5 | 506.65680 (05110208)   408.70353 (05110208)
365.69943 (05110208)   283.39927 (05110208)   270.51893
(05121824)
 3814295.5 | 467.63892 (05121824)   366.46598 (05121824)
287.41333 (05121824)   253.26670 (05121824)   237.84505

(05121824)
3814220.5 | 452.32453 (05101824) 368.32465 (05121308)
320.61006 (05121308) 252.95041 (05121308) 226.56831
(05121308)
3814145.5 | 1007.89867 (05120624) 886.29238 (05121308)
364.97165 (05121308) 356.86427 (05121308) 267.87546
(05121308)
3814070.5 | 509.86527 (05021408) 508.22400 (05021408)
463.04085 (05021408) 393.53592 (05121308) 290.85332
(05121308)
3813995.5 | 460.14374 (05021408) 402.36509 (05021408)
370.09531 (05021408) 366.55504 (05021408) 326.58453
(05021408)
3813920.5 | 388.27205 (05121608) 348.54379 (05121608)
316.47748 (05021408) 301.29775 (05021408) 285.94002
(05021408)
3813845.5 | 392.83502 (05101308) 333.40418 (05101308)
300.97868 (05121608) 277.31751 (05121608) 255.56214
(05121608)
3813770.5 | 415.77897 (05011308) 374.96380 (05011308)
322.36232 (05101308) 269.77241 (05101308) 241.41579
(05101308)
3813695.5 | 391.40093 (05111824) 328.33393 (05010608)
299.56452 (05010608) 268.72696 (05011308) 241.63197
(05011308)
3813620.5 | 389.49875 (05111824) 351.33347 (05111824)
306.89197 (05111824) 265.66566 (05010608) 246.37824
(05010608)
3813545.5 | 358.84774 (05020908) 338.62254 (05111824)
316.62039 (05111824) 286.08685 (05111824) 251.35315
(05111824)
3813470.5 | 347.37559 (05110108) 313.94397 (05120708)
293.94200 (05020908) 282.82980 (05111824) 263.20225
(05111824)
3813395.5 | 315.71227 (05110108) 303.25668 (05110108)
279.40126 (05110108) 263.39606 (05020908) 251.15842
(05111824)
3813320.5 | 332.56165 (05120608) 272.33218 (05110108)
271.27062 (05110108) 255.21397 (05110108) 235.53134
(05020908)
3813245.5 | 332.13768 (05120608) 286.34655 (05120608)
241.03681 (05110108) 243.67686 (05110108) 233.53465
(05110108)
3813170.5 | 324.32998 (05122108) 291.43190 (05120608)
256.15750 (05120608) 216.63758 (05120608) 219.90448
(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	93.49642	(05102224)
350283.70	3815266.49	60.77121	(05050524)
350539.82	3814604.70	103.38748	(05120308)
350467.63	3814245.45	925.84649	(05110208)
350008.68	3813941.20	2609.51488	(05011608)
350147.91	3813936.04	2128.16847	(05120608)
350557.01	3814453.44	1057.32464	(05102808)
349200.78	3815251.02	46.54828	(05111216)
349173.28	3815257.89	44.33009	(05111216)
348862.58	3814174.11	286.94295	(05122308)
348862.58	3815183.55	88.49597	(05010424)
350494.71	3815179.68	78.21796	(05110208)
350486.97	3814363.62	151.18152	(05111416)
350216.24	3814363.62	229.25183	(05111416)
350216.24	3814193.45	342.83563	(05122716)
349991.92	3813969.12	3389.03996	(05011608)
349794.67	3813961.39	1741.39970	(05010124)
349597.42	3814065.81	1177.53806	(05010124)
349121.71	3814085.15	353.69475	(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
- -
- -

ALL 1ST HIGHEST VALUE IS 585.12203 AT (350120.28,
3814070.46, 390.30, 520.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 572.71817 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 515.54863 AT (349745.28,
3814070.46, 386.70, 524.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 489.64269 AT (349895.28,
3813995.46, 389.80, 520.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 469.70731 AT (350045.28,
3813995.46, 379.10, 524.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 469.48563 AT (349670.28,
3814145.46, 390.60, 524.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 446.69835 AT (349595.28,
3814295.46, 383.90, 524.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 435.91801 AT (349595.28,
3814370.46, 386.90, 524.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 430.05646 AT (349991.92,
3813969.12, 381.07, 520.00, 0.00) DC
10TH HIGHEST VALUE IS 424.56944 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 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 5331.09174 ON 05040303: AT
(349670.28, 3814370.46, 390.90, 524.00, 0.00) GC
UCART1
HIGH 8TH HIGH VALUE IS 5259.89604 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 3481.58364 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\IDAltNOx\IDAltCO\IDAltCO\IDAltCO.isc
***        06/19/14
                                   ***
***        14:40:16

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\IDAltNOx\IDAltNOx\IDAltNOx.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\AERMOD\LosValles\IDAltNOx\IDAltNOx\IDAltNOx.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID NO2
   RUNORNOT RUN
   ERRORFIL IDAltNOx.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              3.21     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 IDAltNOx.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 IDALTNOX.AD\01H1GALL.PLT 31
   PLOTFILE 1 ALL 8TH IDALTNOX.AD\01H8GALL.PLT 32
   PLOTFILE PERIOD ALL IDALTNOX.AD\PE00GALL.PLT 33
   MXDYBYYR ALL IDALTNOX.AD\MXDYBYYR_ALL_NO2.DAT 34
   MAXDAILY ALL IDALTNOX.AD\MAXDAILY_ALL_NO2.DAT 35
   SUMMFILE IDAltNOx.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\IDAltNOx\IDAltNOx\IDAltNOx.isc
***        06/19/14
                                   ***
***        14:38:00

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:   IDAltNOx.err
 **File for Summary of Results:   IDAltNOx.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	0.32100E+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	609.00
3816020.46	609.00	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	609.00
3815870.46	609.00	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	609.00
3815720.46	609.00	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	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
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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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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
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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
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3813545.46 | 520.00 520.00 520.00
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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\IDAltNOx\IDAltNOx\IDAltNOx.isc
***        06/19/14
                                   ***
***        14:38:00

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	0.53206	0.64571	0.63286	0.53919	0.47854	0.48923	0.49413	0.44003	0.48162
3816020.46	0.68648	0.73938	0.68405	0.53637	0.52245	0.52168	0.57665	0.50148	0.53453
3815945.46	0.82408	0.82294	0.71969	0.56465	0.60947	0.56270	0.65988	0.55817	0.59798
3815870.46	1.00374	0.97524	0.87864	0.78449	0.72469	0.67734	0.76156	0.67367	0.67192
3815795.46	1.09209	1.11300	1.07621	1.00397	0.81785	0.95749	0.93349	0.81965	0.78390
3815720.46	1.30438	1.24970	1.14036	0.86156	0.82339	1.23170	1.08437	0.97732	0.92021
3815645.46	1.43422	1.45937	1.30813	0.95464	0.97105	1.42205	1.29106	1.24779	1.01362

3815570.46 | 1.38073 1.71702 1.53531
1.01500 1.12082 1.94976 1.53198 1.05716
0.86795
3815495.46 | 1.44835 1.95894 1.66269
1.00430 1.71594 1.98843 1.37306 0.94821
0.84044
3815420.46 | 2.08124 2.26784 1.69687
1.09403 2.29738 2.17318 1.27622 0.99056
1.17399
3815345.46 | 2.40621 2.64935 1.83947
1.39808 2.94852 2.33464 1.72912 1.80419
1.36477
3815270.46 | 2.85200 2.95100 1.99888
2.03347 3.72696 2.90823 1.98805 1.31365
1.08162
3815195.46 | 3.22057 3.33664 2.64325
2.24803 4.33792 4.22868 3.05510 1.68437
1.24619
3815120.46 | 3.50226 3.50237 3.00570
2.32351 3.45423 6.03025 4.33564 2.94085
1.78858
3815045.46 | 3.77284 3.79892 3.62691
3.00986 3.42823 7.41475 6.45543 5.03545
2.97730
3814970.46 | 3.75412 3.38392 2.84688
2.61495 2.64067 6.57260 8.76212 5.62550
3.71569
3814895.46 | 1.92258 1.88597 1.61456
2.04495 2.77494 4.71642 10.72014 10.51045
7.02081
3814820.46 | 1.90503 2.35272 1.79079
2.66421 3.35037 3.93482 10.74509 11.80270
7.21137
3814745.46 | 2.96037 3.99287 2.82496
4.15600 4.52530 4.36247 9.68462 11.96887
12.79858
3814670.46 | 4.88383 5.33850 4.74165
4.51766 7.03551 8.28972 11.12510 13.18056
13.93361
3814595.46 | 4.72736 5.78894 6.86242
7.27862 7.21160 9.83990 11.20883 12.69868
12.57010
3814520.46 | 4.42164 5.31963 6.42389
7.32248 9.11831 10.17879 11.38087 12.81071
8.81364
3814445.46 | 4.20700 5.00118 5.84064
6.65904 8.59865 9.57312 10.70055 12.03193
12.03667
3814370.46 | 2.71128 4.03301 4.85035
5.75755 8.06147 8.92965 9.96368 11.11424
12.52027
3814295.46 | 0.66511 1.53997 2.98747

4.63080 5.29685 6.38628 9.23205 10.27889
11.48091
3814220.46 | 0.32938 0.96693 2.10021
1.85163 2.60881 3.44409 8.48636 9.52021
10.50623
3814145.46 | 0.46238 0.75509 0.48586
0.31939 0.48444 2.23952 4.78539 8.82152
9.76846
3814070.46 | 0.40319 0.17896 0.08983
0.10802 0.31126 1.84627 3.79457 3.72896
9.15584
3813995.46 | 0.11904 0.07151 0.06409
0.09120 0.17670 0.70417 0.94440 1.51475
4.76115
3813920.46 | 0.24262 0.15654 0.11317
0.06423 0.10720 0.29245 0.23381 0.42349
1.77639
3813845.46 | 0.77526 0.44476 0.11984
0.06597 0.07872 0.08365 0.11297 0.16758
0.44811
3813770.46 | 1.02424 0.88826 0.37149
0.10615 0.13074 0.11492 0.13614 0.17077
0.56297
3813695.46 | 1.63009 0.99567 0.25605
0.15547 0.23154 0.27704 0.55022 0.78992
3.71037
3813620.46 | 1.90755 1.54131 0.48299
0.17522 0.40016 0.98081 1.69950 2.86489
2.65480
3813545.46 | 1.76071 0.50799 0.13673
0.12880 0.48087 0.96256 0.69771 1.97016
1.38539
3813470.46 | 0.70483 0.14926 0.35867
0.35354 0.27694 0.17476 0.18988 1.04232
0.62864
3813395.46 | 1.20365 0.76825 1.45480
1.15876 0.87574 0.19486 0.15139 0.41795
0.19270
3813320.46 | 3.38999 3.56628 1.98099
1.80866 0.84992 0.58825 0.13696 0.11573
0.13239
3813245.46 | 1.93409 1.79282 1.13904
0.60545 0.13415 0.11141 0.08540 0.06590
0.07581
3813170.46 | 0.92781 0.66027 0.25595
0.11544 0.09999 0.14121 0.07019 0.06428
0.10067

**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	0.47796	0.39836	0.45123	0.37711	0.37569	0.34908	0.35933	0.43166	0.42581
3816020.46	0.50776	0.43895	0.50299	0.42155	0.45202	0.39012	0.44397	0.47713	0.45347
3815945.46	0.57206	0.55755	0.57122	0.49839	0.51958	0.42353	0.47582	0.54054	0.49832
3815870.46	0.65138	0.63690	0.62187	0.60055	0.59776	0.53904	0.52534	0.60268	0.66914
3815795.46	0.74455	0.69843	0.73135	0.72013	0.69062	0.63248	0.59473	0.59089	0.70355
3815720.46	0.81789	0.79813	0.88860	0.84019	0.78937	0.73593	0.68022	0.67357	0.78050
3815645.46	0.89473	0.82687	0.93398	0.97802	0.91192	0.84279	0.73765	0.68814	0.71621

3815570.46 | 0.86466 0.86488 0.98207
1.15489 1.03273 0.85950 0.72341 0.67433
0.68708
3815495.46 | 0.85052 0.92225 0.97716
1.32098 1.07599 0.89966 0.81814 0.77249
0.64467
3815420.46 | 0.92978 0.99747 1.26352
1.62885 1.32562 1.14909 0.97963 0.88277
0.79184
3815345.46 | 1.05026 1.14651 1.64137
1.75642 1.18201 1.03513 1.01393 0.81172
0.77607
3815270.46 | 1.31489 1.42257 1.91491
2.37875 1.35850 1.28129 1.15922 0.92924
1.02750
3815195.46 | 1.83235 2.04715 3.57537
2.29428 1.80134 1.45566 1.30822 1.17753
1.27245
3815120.46 | 2.81036 3.46170 4.19662
3.03122 2.09915 1.58891 1.46530 1.52881
1.63898
3815045.46 | 3.64539 5.22215 4.70816
2.26595 2.29565 2.05358 1.90039 2.03647
2.24490
3814970.46 | 3.62458 8.42873 7.71429
5.48893 3.26982 2.09505 2.59134 3.14937
2.95749
3814895.46 | 5.58713 10.29139 7.18080
4.54164 3.14006 2.89829 3.87010 5.45812
2.96045
3814820.46 | 11.03954 15.53072 10.47196
6.87629 8.07715 6.62639 6.22011 7.66955
4.78658
3814745.46 | 14.80346 15.88022 7.38403
11.05491 10.08482 9.99679 12.21271 9.63532
3.85420
3814670.46 | 16.32029 15.37787 10.89599
15.53478 22.13651 19.51528 23.31060 13.43944
6.48304
3814595.46 | 14.31371 6.85673 11.20772
25.58281 31.61484 30.38548 36.90500 25.79854
15.25543
3814520.46 | 5.74660 8.03436 12.87273
25.01105 31.30963 34.80690 44.31654 45.44795
17.18249
3814445.46 | 12.79235 15.82296 16.93000
20.23254 29.94768 36.58370 41.91449 23.21050
19.47825
3814370.46 | 14.31297 16.19454 18.55221
22.43219 27.10138 33.86549 17.49765 25.92835
30.59704
3814295.46 | 12.87337 14.48530 16.64564

19.47392 23.60867 28.78970 32.10749 41.96478
28.23342
3814220.46 | 11.63476 13.04411 14.75988
17.01287 19.87677 23.55773 29.21854 40.06762
44.39425
3814145.46 | 10.72647 11.84113 13.16097
14.91837 17.04458 19.89246 23.58966 29.34073
40.11482
3814070.46 | 9.85656 10.93784 12.25304
13.51125 15.18923 17.31873 20.29867 24.46183
30.67879
3813995.46 | 9.60090 10.75145 11.88052
12.40026 13.78624 15.63783 18.16654 21.58203
26.26933
3813920.46 | 9.02500 9.73774 10.72183
11.81348 13.05822 14.78528 16.81958 19.26989
23.02909
3813845.46 | 8.62563 9.52009 10.61711
12.05173 6.77996 15.92145 15.99609 17.79401
20.29160
3813770.46 | 8.25395 0.79147 0.67211
1.48130 1.54371 14.68729 14.68315 16.49684
18.17708
3813695.46 | 2.36494 0.64749 0.11427
0.22085 1.28131 13.42242 14.97394 15.55536
16.08998
3813620.46 | 2.72222 0.50849 0.17472
0.15328 0.27430 0.64673 13.46546 15.04796
16.03529
3813545.46 | 0.90951 1.31999 0.46473
0.24621 1.06310 4.70235 3.54548 0.52484
2.31872
3813470.46 | 0.24643 0.43388 0.53832
0.23550 0.33816 1.53849 0.94758 0.15278
0.68584
3813395.46 | 0.13749 0.11963 0.29518
0.26186 0.93330 0.46514 4.24768 2.89642
0.47069
3813320.46 | 0.08428 0.11951 0.16277
0.22046 2.35363 4.42553 8.95261 9.57528
3.81155
3813245.46 | 0.14188 0.27152 0.94258
0.62423 0.91067 0.94111 4.59275 8.20685
9.12677
3813170.46 | 0.15617 0.34549 0.95066
2.74202 1.97323 6.99489 7.37808 7.56070
7.63533

**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	0.45933	0.47540	0.55951	0.62326	0.62044	0.61999	0.63216	0.88444	0.68556
3816020.46	0.55512	0.58031	0.59833	0.74477	0.82338	0.91399	0.72083	0.89756	1.10718
3815945.46	0.63637	0.81345	0.77356	0.88582	1.02394	1.15133	1.19292	1.04547	1.49350
3815870.46	0.67585	0.90651	1.06302	1.18954	1.30128	1.41682	1.62723	1.59564	1.80005
3815795.46	0.86795	1.00271	1.16428	1.34447	1.54652	1.84331	2.17419	2.80391	3.19024
3815720.46	0.84667	0.78754	0.89099	1.46041	1.71975	2.17497	2.01529	2.31269	4.04031
3815645.46	0.80923	0.76835	1.19381	1.59642	1.56706	1.62620	2.17063	2.89722	4.04236

3815570.46 | 0.79817 0.82190 1.18080
1.24934 1.32640 1.67549 1.69878 2.49124
2.71652
3815495.46 | 0.78136 0.82773 1.03365
0.95076 1.23343 1.52355 1.25309 1.40571
1.72017
3815420.46 | 0.78932 0.81600 0.89020
1.09439 1.24619 1.26024 1.16782 1.31243
1.23989
3815345.46 | 0.70897 0.76582 0.81547
1.06806 1.16303 1.18256 1.13608 1.19517
1.02477
3815270.46 | 0.87436 0.96411 0.93135
1.02478 1.00688 1.13293 1.14223 1.08154
0.92562
3815195.46 | 1.20023 1.10063 1.13952
1.34213 1.34826 1.29923 1.47242 1.30463
0.93744
3815120.46 | 1.48850 1.33404 1.16255
1.58807 1.65167 1.56162 1.72065 1.44206
1.06548
3815045.46 | 1.85085 1.56557 1.57774
1.71555 2.11113 1.95291 2.03101 1.60754
1.25190
3814970.46 | 1.93810 1.81476 2.15456
1.98995 2.50043 2.51754 2.32884 1.87990
1.26058
3814895.46 | 2.56942 2.49747 2.92935
2.41959 3.06860 3.30388 2.46108 1.65196
1.29937
3814820.46 | 3.10076 3.29905 4.17314
3.39868 4.10769 3.72692 2.65020 2.05296
1.76510
3814745.46 | 3.47734 3.81948 5.28321
4.77183 6.09595 4.70465 3.72069 2.95459
2.44993
3814670.46 | 6.61532 8.69077 7.16223
8.16419 9.54674 7.47871 5.81183 4.25438
3.19195
3814595.46 | 12.40086 20.75261 21.08312
15.56667 15.21725 10.64188 7.85809 5.57218
3.76887
3814520.46 | 14.82777 42.51596 38.10845
40.18861 19.20015 9.44665 7.75997 5.27475
4.00025
3814445.46 | 21.35089 86.07217 119.16198
80.48097 34.93840 20.55269 11.98736 9.48251
4.59910
3814370.46 | 53.41751 134.54777 176.77167
67.71188 27.54940 29.58420 26.62907 11.94740
8.83242
3814295.46 | 86.11714 137.87516 117.87251

43.83694 0.00000 0.00000 0.00000 18.54303
9.67966
3814220.46 | 80.95708 115.04176 45.41277
0.00000 0.00000 0.00000 0.00000 39.34647
12.87302
3814145.46 | 55.53772 83.17188 144.90855
0.00000 0.00000 0.00000 0.00000 108.13340
131.04499
3814070.46 | 40.86677 58.32421 83.03241
159.12607 0.00000 0.00000 0.00000 53.09182
180.60017
3813995.46 | 33.24615 43.47703 58.70721
80.10856 105.16978 151.13010 84.95433 144.97697
113.70115
3813920.46 | 28.01188 34.72930 43.53020
54.01859 64.58997 74.08701 88.92336 80.77613
86.64784
3813845.46 | 23.64640 27.91333 33.10716
38.53224 43.24074 46.96485 49.79464 53.64008
56.46361
3813770.46 | 20.02400 22.74943 25.87597
28.88118 31.25427 32.96745 34.41544 36.01104
43.65094
3813695.46 | 17.12826 18.91537 20.78940
22.51998 23.83948 24.75480 25.51778 33.29365
31.00998
3813620.46 | 16.30765 17.04571 17.09550
18.12960 18.89219 19.41032 19.86711 20.43172
21.02492
3813545.46 | 7.02173 15.25942 14.61944
15.15960 15.45507 15.73782 16.00454 16.30993
16.73960
3813470.46 | 13.78996 13.86025 13.05989
13.58376 13.12769 13.10000 13.24699 13.43043
13.71614
3813395.46 | 2.32758 12.94025 13.54428
12.80824 11.52207 11.16909 11.23219 11.33869
11.49683
3813320.46 | 10.68124 6.26705 1.43039
5.63111 11.42352 10.21126 10.05932 9.77542
9.81213
3813245.46 | 8.96135 9.69384 10.06190
1.91324 3.46946 10.64087 9.19328 8.83378
8.68320
3813170.46 | 8.04869 7.66625 8.00839
9.28393 5.01837 2.94552 9.43329 8.43986
7.77939

**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	0.81584	0.52927	0.47802	0.84427	0.49537	0.58400	0.33538	0.44712	2.74214
3816020.46	1.09355	1.08784	0.93571	0.90877	1.21543	1.16980	0.70150	1.02780	1.63042
3815945.46	1.42897	1.65232	2.42716	3.18867	2.34297	2.79822	2.12332	3.66404	2.88980
3815870.46	2.13828	2.56969	4.05087	4.56490	3.70790	3.95174	3.06775	4.92856	3.89344
3815795.46	3.27886	3.68116	4.19124	5.02881	5.72138	4.89273	5.38713	5.21931	4.98972
3815720.46	4.71967	4.85770	5.19942	6.33088	6.15517	5.94458	5.71370	5.43563	5.16968
3815645.46	4.81021	5.95019	6.05276	6.82011	6.56101	6.17725	5.88675	5.48648	5.19632

3815570.46 | 2.31531 5.37406 6.05577
5.79866 7.07789 6.59254 6.40648 5.83998
5.40542
3815495.46 | 1.10542 1.91738 3.38093
1.45442 4.46121 6.36176 6.98010 6.39948
5.87858
3815420.46 | 0.90741 1.47601 1.82434
3.40716 5.54533 6.51130 7.48796 6.98287
6.40530
3815345.46 | 0.85499 0.86053 1.37757
2.26615 2.59162 3.74304 6.93069 7.60523
6.97939
3815270.46 | 0.95973 0.99702 1.26400
1.08454 0.79187 1.22985 3.33563 1.13557
5.64689
3815195.46 | 0.90300 0.89656 0.89225
0.81347 0.70033 0.69513 0.69093 1.15287
4.10994
3815120.46 | 1.04581 0.90572 0.85945
0.84802 0.80807 0.70054 0.66294 0.69688
1.25016
3815045.46 | 1.11000 1.12479 1.03514
0.92087 0.95235 0.73472 0.66853 0.72168
0.72489
3814970.46 | 1.29346 1.15219 1.27718
1.03801 1.17492 0.81908 0.80989 0.67704
1.32039
3814895.46 | 1.36090 1.40356 1.27357
1.36894 1.36971 1.07866 1.23206 1.24446
2.51257
3814820.46 | 1.59564 1.59344 1.53922
1.37005 1.56413 2.08376 3.35788 7.58155
10.11618
3814745.46 | 1.82794 1.62315 1.32043
1.16998 1.11291 1.02174 1.13847 1.04945
6.78995
3814670.46 | 2.53735 1.79158 1.60487
1.48495 1.22575 1.05259 1.77229 2.98567
2.36216
3814595.46 | 2.76087 2.02491 1.96004
2.11939 2.66076 1.27127 2.89738 17.91948
14.65075
3814520.46 | 2.94494 2.17788 2.48328
5.49872 11.63120 12.89264 6.42790 19.07412
15.68630
3814445.46 | 3.34483 2.54229 2.49363
2.68309 4.72341 26.00595 23.52177 20.08339
21.07002
3814370.46 | 3.98678 4.92497 8.46786
7.29949 2.42422 4.71016 22.94340 14.05492
19.31448
3814295.46 | 5.33335 7.15297 25.34683

54.01568 35.80238 18.36574 22.47521 19.18028
20.85598
3814220.46 | 7.80449 5.21489 30.00865
53.46972 42.01878 35.01540 30.36140 5.93571
11.84476
3814145.46 | 8.27089 15.74106 8.66395
72.09847 40.91423 31.16715 31.91876 25.79146
28.56914
3814070.46 | 17.59768 14.39928 13.77296
53.90282 39.73487 30.45128 26.72710 23.81197
20.94910
3813995.46 | 107.22616 79.15496 12.15667
51.08375 36.73599 31.16875 25.17061 21.29308
19.47434
3813920.46 | 97.52325 13.25245 12.52238
48.65745 41.11526 28.22420 24.23496 20.35419
17.81626
3813845.46 | 59.36384 50.35125 46.35936
32.39844 45.18767 32.18054 28.29471 20.83181
17.77534
3813770.46 | 44.40263 39.99381 39.40795
32.93938 31.10918 28.39955 35.78466 33.38124
17.63430
3813695.46 | 27.86623 28.38497 28.19982
24.58110 23.79434 25.91180 23.22294 19.35867
15.05294
3813620.46 | 21.56680 21.86453 22.44293
20.40845 19.80764 19.46139 19.58655 16.08048
13.63065
3813545.46 | 17.18877 17.47104 17.36833
17.05411 17.52228 15.87811 18.61910 14.23766
12.43354
3813470.46 | 14.07601 14.37776 14.47962
14.37801 13.99603 14.95761 14.46049 12.95705
11.48697
3813395.46 | 11.76358 12.03300 12.22029
12.24528 12.07200 11.95687 13.16747 13.82366
10.40201
3813320.46 | 9.99908 10.21449 10.41849
10.53399 10.51536 10.37673 10.99031 10.14229
9.46484
3813245.46 | 8.63598 8.79492 8.98155
9.13428 9.19240 9.12658 8.97936 9.79773
8.45652
3813170.46 | 7.61317 7.69191 7.83013
7.97688 8.08066 8.08840 8.00552 8.07946
7.74985

**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	1.16200	0.71050	0.77019	2.10017
3816020.46	3.18856	1.32472	2.92550	3.30441
3815945.46	4.36178	2.95498	3.56082	3.82352
3815870.46	4.60631	3.75954	4.10352	3.91937
3815795.46	4.85161	4.50818	4.51954	3.99159
3815720.46	4.95049	4.74924	4.34226	4.16830
3815645.46	5.00538	4.82593	4.49625	4.15887
3815570.46	5.10632	4.94723	4.71662	4.57599
3815495.46	5.42545	5.03125	4.77194	4.59003
3815420.46	5.83147	5.30162	5.00071	4.66631
3815345.46	6.26717	5.91064	5.40288	4.94304

3815270.46	7.32525	7.02153	6.01226	5.32960
3815195.46	6.01545	7.31182	7.08167	6.47593
3815120.46	1.57616	1.47029	2.09614	7.10348
3815045.46	1.06393	1.88494	7.08147	6.76135
3814970.46	1.30169	1.08811	1.61250	5.55732
3814895.46	6.00659	1.85897	3.77948	6.48166
3814820.46	11.14632	6.56436	4.42577	9.68896
3814745.46	12.72632	11.37382	10.91700	6.71016
3814670.46	13.07848	12.29557	11.22779	9.76300
3814595.46	14.33082	14.59152	13.47670	10.63826
3814520.46	13.26969	12.02399	11.94690	11.62440
3814445.46	16.40989	13.53002	10.94813	11.70605
3814370.46	15.94196	14.42413	11.25461	10.92122
3814295.46	16.52328	13.15558	11.71634	11.09424
3814220.46	17.71391	15.36008	12.24412	10.91654
3814145.46	28.21849	15.52929	14.98718	11.46880
3814070.46	20.67339	18.80716	15.78874	11.84686
3813995.46	16.43930	14.66209	14.10767	12.39081
3813920.46	15.82238	14.12683	12.72188	11.53428
3813845.46	15.17831	13.62878	12.28227	11.16984
3813770.46	16.02713	14.06126	11.82914	10.74159
3813695.46	13.55213	12.31580	11.17483	10.25580
3813620.46	12.48854	11.47261	10.56728	9.75499
3813545.46	11.54525	10.71456	9.95094	9.24701
3813470.46	10.58963	9.93772	9.31468	8.72152
3813395.46	9.67430	9.16582	8.66787	8.18259

3813320.46	8.82010	8.42046	8.02482	7.63310
3813245.46	8.04448	7.72051	7.40470	7.09208
3813170.46	7.35102	7.08748	6.82983	6.57436

**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	1.66421
350283.70	3815266.49	1.01623
350539.82	3814604.70	1.54614
350467.63	3814245.45	45.40019
350008.68	3813941.20	96.44205
350147.91	3813936.04	86.64650
350557.01	3814453.44	25.33435
349200.78	3815251.02	1.36163
349173.28	3815257.89	1.28367
348862.58	3814174.11	11.28663
348862.58	3815183.55	2.22832
350494.71	3815179.68	0.71354
350486.97	3814363.62	2.75694
350216.24	3814363.62	4.11368
350216.24	3814193.45	6.81260
349991.92	3813969.12	132.73858
349794.67	3813961.39	77.61668
349597.42	3814065.81	57.43114
349121.71	3814085.15	14.90402

**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 | 47.56987 50.56337 54.30732
52.85186 40.03914 50.72124 52.98451 26.77696
54.28175
3816020.46 | 51.27262 48.58201 52.25723
52.76615 49.02592 44.87053 54.03128 54.48901
55.31922
3815945.46 | 52.08482 52.66429 49.01206
53.37914 54.23428 48.30681 50.05755 55.74411
55.47350
3815870.46 | 48.59260 53.53268 53.95000
50.47148 55.23169 61.49976 66.29695 54.15420
57.07056
3815795.46 | 53.54492 49.93849 54.97291
55.34394 52.87951 66.87421 81.33342 65.51869
57.92043
3815720.46 | 51.93888 55.07711 51.25475
56.06927 56.29243 55.87069 77.47663 83.50346
65.88196
3815645.46 | 47.00877 52.76688 56.55557
52.54736 57.67539 63.06676 61.09051 89.70682
83.50782

3815570.46 | 53.53163 56.69769 53.46586
57.67387 54.51159 96.94649 64.00321 60.28560
64.94609
3815495.46 | 55.64371 61.93688 50.48588
53.31172 59.87810 79.96667 61.28941 60.09259
61.68411
3815420.46 | 59.55740 70.32961 58.43531
53.21637 71.85428 67.91357 58.45304 62.28926
61.72838
3815345.46 | 73.35151 79.07948 59.04362
59.94543 89.49486 68.02035 62.97375 61.09287
64.69473
3815270.46 | 87.47570 88.74697 51.64104
59.70423 111.51489 82.31355 55.49612 63.99966
61.99447
3815195.46 | 113.27997 109.39360 68.66547
55.63896 126.23906 121.31448 79.94716 56.23534
65.24590
3815120.46 | 134.44641 115.21171 98.46310
66.45843 92.16627 197.02972 115.08989 68.77715
60.87072
3815045.46 | 145.59511 139.08906 120.48917
92.46975 102.90960 221.22413 193.79667 122.12876
69.45348
3814970.46 | 185.89916 127.68120 92.78961
77.81392 70.18833 210.16217 271.31336 138.86748
76.56554
3814895.46 | 87.72387 73.81401 58.93013
55.29030 78.13495 141.88648 400.58243 339.43433
166.35785
3814820.46 | 94.09492 108.13399 81.82360
101.36522 119.57927 121.97533 439.13909 438.82350
197.51580
3814745.46 | 198.79536 222.05345 135.87520
188.64306 198.08389 170.84146 421.73833 487.52608
469.29390
3814670.46 | 377.62764 378.76068 316.55592
274.82787 394.56910 433.72408 498.76416 525.01233
558.70982
3814595.46 | 397.96151 404.46120 384.40468
441.53707 463.70037 425.06774 444.42502 490.62761
562.36726
3814520.46 | 396.12238 388.09514 331.79754
322.16110 186.45094 199.35693 213.34094 229.29483
454.12872
3814445.46 | 397.76485 386.64540 346.24965
328.63007 189.50993 202.93634 217.48510 233.28622
474.57037
3814370.46 | 359.00576 420.84765 417.98906
380.20027 191.27450 204.86891 219.88232 236.46835
254.14207
3814295.46 | 114.39142 243.33200 416.85161

444.54614 453.49063 409.58710 221.66743 238.52877
257.45516
3814220.46 | 81.66173 190.15793 374.52490
319.87105 420.60035 495.01999 222.07096 240.18034
258.13676
3814145.46 | 103.47426 160.41685 100.79836
66.21713 90.86867 404.95754 481.00764 239.43591
258.65258
3814070.46 | 109.69323 49.88085 35.16838
37.29914 83.58757 425.48089 524.68543 564.88967
258.77543
3813995.46 | 42.71013 44.37602 48.16811
53.85493 71.32307 204.98098 261.95738 395.52097
540.89191
3813920.46 | 117.45429 85.28116 65.40422
66.06464 68.65392 117.80063 91.88957 137.46048
483.13642
3813845.46 | 302.64327 176.47858 59.11934
55.35255 56.88210 63.59847 69.76621 74.22724
171.17692
3813770.46 | 349.73148 340.83882 182.81821
66.24462 68.71606 68.60490 66.61796 63.68053
230.97416
3813695.46 | 359.59961 355.69204 126.68632
71.82708 99.78775 125.13637 261.30753 359.10170
458.51796
3813620.46 | 259.76603 258.37541 186.12997
95.96654 230.17103 403.27565 459.86536 498.87513
547.47969
3813545.46 | 261.62661 256.60533 97.13812
91.00204 265.54236 390.87447 308.37446 500.73866
470.73640
3813470.46 | 329.80221 114.50689 215.54259
181.35599 134.81722 87.66134 92.62987 394.84016
276.64628
3813395.46 | 350.22976 346.45597 396.46897
389.63252 373.79165 102.85341 76.81459 193.26534
90.07185
3813320.46 | 107.95190 116.15587 332.90152
374.91112 363.54826 286.33957 69.96680 61.18355
69.89469
3813245.46 | 261.06535 313.34510 369.95043
305.26249 67.29080 61.55746 61.98724 66.80873
62.60000
3813170.46 | 326.50964 320.47588 143.54304
64.50020 56.24080 74.06584 64.55498 57.76695
57.87863

**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 | 54.30426 27.59976 55.78660
28.09145 28.28136 25.33197 27.27579 56.29873
57.75628
3816020.46 | 55.27502 28.04402 55.37997
28.91133 57.60702 27.93706 52.19067 59.02049
58.49642
3815945.46 | 56.50753 57.08443 58.06097
58.02324 58.96877 29.65418 48.96370 60.38168
60.36868
3815870.46 | 57.26744 58.57296 59.12600
58.43982 59.40688 60.08934 55.77591 60.03125
61.62878
3815795.46 | 59.09376 59.70720 60.37146
61.08943 61.47384 61.61115 61.05828 57.44643
62.90952
3815720.46 | 60.37741 59.36937 61.94869
62.47537 62.01837 63.16747 63.88668 54.56714
65.21339
3815645.46 | 57.69646 61.40356 62.76783
66.66171 64.32343 64.37493 65.06278 61.39492
65.06441

3815570.46 | 63.04562 61.63227 63.70737
68.01407 66.72893 65.21567 65.79747 65.48042
62.48329
3815495.46 | 61.97067 58.47646 64.90777
65.32920 67.41830 67.00849 66.34997 67.48320
33.46230
3815420.46 | 63.81375 66.18853 79.48180
67.67124 68.91077 68.92273 68.86672 69.37512
66.40879
3815345.46 | 62.42509 66.94419 112.58893
92.81982 68.68447 69.24325 70.16803 41.67804
43.60852
3815270.46 | 66.40771 64.36594 113.52010
140.11069 70.86828 71.40475 71.61210 45.02256
72.92759
3815195.46 | 65.63445 69.28089 127.30406
130.69790 106.15837 73.17837 73.66468 73.34182
76.04205
3815120.46 | 68.51080 108.69697 156.48350
117.68294 123.17628 72.76033 74.27562 77.38749
79.90063
3815045.46 | 81.18491 128.15981 144.35900
74.51678 102.48761 109.80753 79.10226 81.37137
95.28301
3814970.46 | 71.93105 201.78750 202.84215
156.54711 81.33802 79.54989 129.18592 108.67177
116.71046
3814895.46 | 120.80424 261.75333 150.71300
81.27991 79.67483 82.58792 158.03038 210.12757
93.59632
3814820.46 | 279.55198 442.47506 240.80785
128.05733 150.50328 153.00397 154.07198 259.29427
168.21432
3814745.46 | 493.95762 471.39820 148.46813
222.48854 175.35303 166.97000 267.92073 222.39015
112.73766
3814670.46 | 591.86484 490.28488 269.20698
357.57568 513.02407 387.31513 449.32738 254.76024
163.50740
3814595.46 | 569.38587 199.69123 326.94816
722.53600 761.21365 688.49221 769.80025 406.55655
243.15363
3814520.46 | 274.46739 311.42092 448.26407
729.47305 376.44251 845.48449 916.02831 842.32051
179.85112
3814445.46 | 619.87044 619.46402 710.81055
748.58128 391.55010 434.14845 955.32227 351.43356
230.73313
3814370.46 | 275.80817 297.79571 321.30278
359.29696 397.75999 450.70325 519.11198 573.41319
501.74046
3814295.46 | 277.32700 298.19337 323.96320

355.51294   399.45527   444.98450   931.99367   1059.41473
695.71985
  3814220.46 | 277.45349   299.41750   324.01470
353.91588   387.39897   423.97937   478.55421   590.31072
1194.72021
  3814145.46 | 278.27271   299.31990   321.31730
348.04414   376.87258   412.10474   450.76856   511.07080
630.54179
  3814070.46 | 276.60915   298.82560   322.94232
344.38411   369.34849   394.12790   431.37378   484.45383
550.66435
  3813995.46 | 267.77227   298.34202   327.11963
336.33606   357.20676   386.48363   422.50137   455.60050
521.06444
  3813920.46 | 269.62149   290.80633   311.74513
334.80843   345.52831   383.47108   412.93000   416.78361
490.12177
  3813845.46 | 264.92072   277.43804   306.60752
341.75981   746.31719   384.78694   408.12863   425.51719
457.95389
  3813770.46 | 258.16544   344.81473   281.13334
447.11704   444.52422   394.83752   394.31932   422.08007
412.47930
  3813695.46 | 575.71466   238.03038   35.41826
79.85621   390.21610   370.55957   402.65030   379.45397
300.43748
  3813620.46 | 570.91866   190.21353   59.40858
68.78102   91.23538   217.48940   331.19258   290.84343
303.20507
  3813545.46 | 356.78829   456.46957   180.43287
91.23971   390.53545   655.72265   659.90688   272.76153
635.87397
  3813470.46 | 108.08147   173.76512   214.83493
102.68348   121.55743   510.40582   438.72057   72.08818
248.39235
  3813395.46 | 70.99224   72.28821   126.39607
100.31972   398.36650   298.10553   591.77588   686.63948
166.64470
  3813320.46 | 67.27519   61.27220   70.64489
149.37664   551.38958   445.60382   204.11883   239.54674
644.77612
  3813245.46 | 78.28020   112.57369   368.79751
373.88173   385.76487   402.53625   503.39805   247.60389
284.34889
  3813170.46 | 66.94632   210.80862   435.38559
420.85255   496.23125   168.38350   202.86055   248.11255
241.37827

**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 | 58.21633 58.03613 58.57283
58.21177 57.43488 59.34529 58.98809 65.07336
59.64828
3816020.46 | 59.82601 60.03927 60.12824
60.18568 66.89599 66.55019 60.61124 61.86699
91.36593
3815945.46 | 61.32439 61.66166 62.05434
62.06589 78.33996 89.49833 81.84691 74.77466
139.07457
3815870.46 | 62.60582 64.20744 76.44352
75.82419 90.17495 111.81823 134.95291 136.95629
174.45953
3815795.46 | 71.98457 68.17331 80.30505
84.73679 106.66332 147.69305 196.73206 268.61170
300.94778
3815720.46 | 69.30134 65.53803 66.06166
88.73730 114.55178 176.98474 161.66536 207.01703
357.51881
3815645.46 | 66.77100 66.68423 72.54763
96.81894 99.29171 110.56487 165.88627 256.24331
357.88207

3815570.46 | 66.98847 68.35081 72.41567
75.03701 85.85394 106.30538 96.46175 199.44704
247.10512
3815495.46 | 68.85630 69.20349 70.41995
70.19233 76.52860 84.37338 71.26760 71.73999
131.33832
3815420.46 | 69.41336 69.94559 70.79810
72.27332 73.49564 73.04569 72.66571 73.23249
72.55801
3815345.46 | 42.68001 45.35449 51.61602
73.30670 69.85235 73.35904 72.67008 74.22859
71.62055
3815270.46 | 42.31559 72.13903 55.33029
61.07773 47.68489 49.45871 49.34184 52.44941
45.31896
3815195.46 | 75.33246 75.83211 76.12838
78.38945 75.11816 52.98667 77.92743 76.09158
50.82459
3815120.46 | 80.54101 77.82052 55.92306
82.17663 80.83320 78.92466 81.33340 79.42923
55.70333
3815045.46 | 84.43361 77.08874 83.31001
84.19133 87.67274 84.91165 86.05717 82.49588
79.24419
3814970.46 | 85.45590 85.25772 91.97924
88.48251 94.45705 92.98885 90.84366 86.22748
65.68387
3814895.46 | 91.97977 94.22041 100.17176
94.75812 106.19080 112.48687 92.45515 72.66852
71.64365
3814820.46 | 96.56624 101.63258 106.29535
120.87850 126.85295 115.21856 93.83293 91.88218
90.39041
3814745.46 | 97.05850 106.43897 117.40971
144.59393 160.72978 130.87158 110.42727 106.83770
125.26330
3814670.46 | 202.05645 186.02944 148.01100
185.05173 219.25357 175.21634 137.76021 129.48842
199.15279
3814595.46 | 255.40361 437.22359 425.14069
262.92405 290.55674 207.95646 159.85204 164.32082
274.25310
3814520.46 | 170.02851 646.31201 577.74979
688.75671 282.85930 167.45047 161.18078 267.15667
318.58993
3814445.46 | 194.31451 1096.34125 1480.91232
1043.92717 362.63229 254.45778 285.38648 384.29206
308.23379
3814370.46 | 724.28491 911.13181 1645.46197
639.30416 260.14132 359.69796 664.14080 460.39439
323.89279
3814295.46 | 1330.64710 985.01387 1069.73799

362.23964 0.00000 0.00000 0.00000 656.13300
447.87939
3814220.46 | 862.97539 991.56542 544.88294
0.00000 0.00000 0.00000 0.00000 810.44055
607.00201
3814145.46 | 756.85515 934.04546 1320.61379
0.00000 0.00000 0.00000 0.00000 1368.87859
1165.19783
3814070.46 | 658.46833 813.75514 961.31158
1627.82927 0.00000 0.00000 0.00000 735.91097
1175.89119
3813995.46 | 577.31532 695.89712 822.77369
859.69016 1109.89927 1437.93570 1554.25092 1108.70991
1292.31479
3813920.46 | 549.21828 609.11974 556.24191
786.49863 867.07365 836.71393 1002.99970 810.69069
852.39514
3813845.46 | 479.54481 417.51962 533.07370
645.69911 694.28817 651.37355 691.67186 694.04421
686.44281
3813770.46 | 337.32838 371.37277 515.16577
497.93238 558.52502 533.74729 570.13766 560.11088
640.53906
3813695.46 | 298.38836 390.07290 450.72712
458.40704 450.39411 450.79148 469.26065 614.42251
528.29122
3813620.46 | 324.37731 423.80950 364.89139
414.64027 364.02618 387.25575 386.04711 397.71855
397.43411
3813545.46 | 849.48902 405.40665 310.75389
377.42794 324.62702 338.66811 324.26739 358.29906
351.43233
3813470.46 | 379.76818 358.15814 325.12459
361.63654 303.35749 301.05796 275.60481 319.84734
314.10702
3813395.46 | 632.87776 296.20036 362.57086
350.01491 289.24885 272.88054 236.87978 283.99261
273.43734
3813320.46 | 301.18957 531.35323 457.13849
702.18154 304.03727 269.40181 217.20035 251.80100
246.45548
3813245.46 | 240.26536 257.42723 308.62523
549.87236 533.67401 283.68606 198.54233 235.00921
238.71179
3813170.46 | 191.21647 229.66919 258.74917
234.92308 447.44300 660.01322 199.95573 232.27080
227.42171

**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 | 76.52436 55.80039 58.17659
104.67396 57.89034 78.27086 53.21438 56.94584
322.48878
3816020.46 | 112.64932 101.09022 88.42845
112.22550 140.56569 131.82454 81.87934 127.36081
206.45557
3815945.46 | 148.83510 163.84816 268.72830
344.31015 263.42083 323.02921 264.00049 358.40165
326.72152
3815870.46 | 213.16455 261.13194 397.73007
375.16639 387.04465 375.42480 345.04826 133.17061
352.21421
3815795.46 | 299.83463 357.99723 405.47903
364.79322 148.16789 294.55729 144.19353 140.67537
145.78294
3815720.46 | 422.22389 437.44559 430.00431
158.52432 154.17202 155.07526 150.09225 146.18059
161.86732
3815645.46 | 423.63858 449.88250 394.51881
169.96773 162.63669 161.54519 156.11316 148.27303
168.24363

3815570.46 | 187.11673 465.35459 469.02768
461.37493 177.10131 168.73593 166.01487 171.02215
177.78397
3815495.46 | 69.97436 187.30771 311.52094
126.68568 419.12746 375.98595 193.30258 198.64722
189.08615
3815420.46 | 72.11500 121.22383 163.61183
326.47303 484.90892 462.28295 223.81192 219.15616
190.97516
3815345.46 | 72.08179 71.63048 118.09511
199.72820 239.63287 323.47860 439.63579 308.98645
181.50900
3815270.46 | 75.76885 75.47861 91.69154
100.24538 146.37353 192.48222 390.47130 164.34819
454.70776
3815195.46 | 75.18343 76.56148 76.94824
126.99272 186.10856 209.11708 184.06468 129.92574
345.82076
3815120.46 | 77.31777 76.34495 104.16210
173.01626 214.73599 203.51712 151.10363 90.38307
157.11102
3815045.46 | 80.06948 82.98659 153.19736
213.71733 221.19366 174.59000 108.33132 113.90326
134.41871
3814970.46 | 83.07663 127.75324 204.40016
234.98471 199.76216 129.79320 118.26349 117.82764
152.35140
3814895.46 | 99.09289 185.86586 242.23151
225.35183 155.11551 143.73816 178.95725 155.76810
257.43010
3814820.46 | 158.63318 240.02562 249.18686
184.35581 178.90067 225.88838 273.70318 477.90856
577.14126
3814745.46 | 225.89545 267.97818 216.97304
125.80777 140.01140 129.66576 161.61234 119.75600
405.24523
3814670.46 | 277.39910 251.33849 155.76803
165.07248 130.25961 116.90054 158.87346 381.91513
414.36331
3814595.46 | 284.60142 192.18559 182.73225
217.29333 322.78007 201.58351 444.80101 710.01300
636.60470
3814520.46 | 236.97609 138.86219 212.30460
424.78486 481.36337 561.28097 460.89811 336.37919
290.03366
3814445.46 | 170.93738 226.08977 260.63173
262.56171 505.51049 826.28314 410.52244 336.28099
701.86894
3814370.46 | 314.20931 297.81616 574.70121
568.50522 263.18237 474.25123 688.00538 508.81464
311.40961
3814295.46 | 357.86688 607.74424 644.93885

1088.13929 826.62346 563.47684 626.57189 576.26970
324.84175
3814220.46 | 312.61438 268.47700 638.01089
595.95564 510.05986 450.84996 406.75587 255.30480
412.69559
3814145.46 | 343.58398 437.62554 348.26585
1094.01179 467.55709 376.87310 403.20862 349.84249
678.41452
3814070.46 | 430.57036 321.32247 340.47343
559.94578 446.54831 359.37665 335.88184 312.37621
284.96112
3813995.46 | 883.98261 1015.09628 376.03396
539.62510 412.44447 373.23944 313.10260 274.66439
265.92494
3813920.46 | 1339.61588 359.74484 355.94675
534.35397 475.60566 341.94929 307.63943 263.65021
239.88448
3813845.46 | 1184.34963 954.73447 543.94232
670.81488 853.78807 406.02020 369.15027 286.25256
246.22111
3813770.46 | 605.19863 530.67047 510.07714
433.83995 412.46476 378.91700 763.57230 668.35995
257.27319
3813695.46 | 432.61486 422.73396 411.15125
350.38340 341.00017 366.84022 333.88986 285.46905
223.85810
3813620.46 | 377.89562 361.80700 361.22474
315.95472 305.47800 300.77319 303.28282 249.86784
208.28107
3813545.46 | 333.52557 319.90730 301.02508
286.02779 293.27096 260.18634 301.03636 232.57552
199.01577
3813470.46 | 303.20795 289.56634 274.99290
261.17855 246.94004 265.16292 253.31575 223.93562
194.35451
3813395.46 | 275.42504 262.13497 252.40690
239.97635 227.76991 222.11828 244.93978 249.68017
185.06560
3813320.46 | 250.90235 242.38731 232.64318
222.68102 212.81610 203.23208 215.45149 194.00041
177.09760
3813245.46 | 229.78416 222.27173 213.32927
206.93717 198.71612 189.49625 181.80575 199.43105
165.06982
3813170.46 | 207.64005 207.37509 199.81032
192.88626 185.95316 178.06294 170.40777 169.51491
159.25193

**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) | 350870.28 350945.28 351020.28
351095.28
- -
- -
-

3816095.46 | 145.95455 93.49635 111.04659
267.72303
3816020.46 | 330.85667 203.18011 327.21156
257.59419
3815945.46 | 172.24117 336.53757 265.46438
163.13854
3815870.46 | 195.66340 313.55627 166.43417
155.35208
3815795.46 | 179.35608 174.31688 191.26372
141.33612
3815720.46 | 179.06985 179.45977 152.16183
127.44154
3815645.46 | 176.33559 166.83122 137.40604
117.27533
3815570.46 | 169.82026 150.64147 131.48985
121.35960
3815495.46 | 163.01135 136.83783 125.27388
116.56786
3815420.46 | 155.30433 138.17142 123.62304
119.80868
3815345.46 | 162.30967 143.13923 136.85198
130.60161

3815270.46	167.79085	169.28635	156.98470	139.55629
3815195.46	455.00217	383.22660	177.16665	163.58044
3815120.46	181.81818	151.35240	203.69710	360.93333
3815045.46	139.06537	213.23944	485.43261	464.75896
3814970.46	187.61159	164.37705	163.99557	389.09833
3814895.46	409.25373	183.66129	279.63328	413.23070
3814820.46	585.01451	404.77101	340.94719	498.47400
3814745.46	568.93052	261.85088	545.00484	400.62757
3814670.46	612.34486	584.87063	260.20479	217.03810
3814595.46	283.18060	502.13768	538.27261	236.84467
3814520.46	249.81160	228.34198	235.53166	279.33370
3814445.46	340.16649	249.59830	202.17086	217.13399
3814370.46	272.34530	254.51746	198.54508	200.31228
3814295.46	269.40357	215.04053	195.98577	193.73117
3814220.46	276.41916	247.49617	198.32762	180.72381
3814145.46	573.65760	238.69353	238.62144	184.13581
3814070.46	292.45274	274.72886	244.01354	186.43314
3813995.46	229.94680	212.74273	214.42067	192.91513
3813920.46	220.68119	203.04136	188.27037	174.06117
3813845.46	214.81211	197.60343	182.61131	170.22786
3813770.46	239.94239	213.52893	178.42001	165.96197
3813695.46	203.60182	188.81884	173.83737	162.44785
3813620.46	192.81314	180.40139	167.95705	158.21793
3813545.46	185.28774	171.53559	163.07953	153.35351
3813470.46	177.57084	166.68169	157.07612	145.06364
3813395.46	168.82590	160.00151	151.42522	143.17632

3813320.46	161.76484	153.05918	145.70643	138.02186
3813245.46	154.38126	146.57682	139.58528	132.89207
3813170.46	147.22687	140.53676	134.21366	128.27809

**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 3814829.88 188.93092
350283.70 3815266.49 80.40350
350539.82 3814604.70 176.33760
350467.63 3814245.45 542.31408
350008.68 3813941.20 935.02450
350147.91 3813936.04 814.20402
350557.01 3814453.44 816.49534
349200.78 3815251.02 71.65781
349173.28 3815257.89 70.92633
348862.58 3814174.11 282.72932
348862.58 3815183.55 65.85579
350494.71 3815179.68 193.13820
350486.97 3814363.62 261.49068
350216.24 3814363.62 318.65719
350216.24 3814193.45 293.82706
349991.92 3813969.12 1191.20545
349794.67 3813961.39 958.53842
349597.42 3814065.81 807.13182
349121.71 3814085.15 362.00539

**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 | 22.17253 26.55136 26.78933
25.42210 21.86709 22.84139 23.63818 22.45547
40.14680
3816020.46 | 25.69391 27.64161 27.42396
23.77219 23.34844 23.77943 25.08099 23.61717
36.91647
3815945.46 | 30.40818 28.31581 26.68315
23.61750 26.31996 26.71780 29.19779 24.53554
28.38693
3815870.46 | 34.57280 33.24837 30.22393
29.69521 28.07456 28.05459 33.59840 30.12212
30.28098
3815795.46 | 35.17783 37.01039 36.10399
32.94681 30.74455 33.91065 35.20677 35.36266
33.05187
3815720.46 | 34.36565 37.94339 37.54480
31.27158 28.14585 43.05416 37.07660 37.14829
37.40264
3815645.46 | 39.77596 38.58129 38.71324
33.75951 33.69788 47.97882 43.04338 40.86127
39.96387

3815570.46 | 37.52396 43.22397 40.64048
32.53927 37.19259 60.41842 50.53774 36.19216
32.60856
3815495.46 | 35.46185 51.78123 42.68496
29.73072 44.86974 56.38477 41.55109 31.66435
30.54304
3815420.46 | 48.92066 53.32260 43.19790
32.21417 54.93271 52.04835 40.27674 33.44306
38.61040
3815345.46 | 53.67296 57.44488 42.22372
32.41412 72.06580 54.13199 42.89313 49.43476
41.92196
3815270.46 | 74.73144 75.50376 46.84414
45.29925 86.05363 63.18914 46.12515 36.26290
31.63103
3815195.46 | 84.02012 77.97170 56.89542
49.12737 100.03999 96.81577 63.63326 41.86502
34.90681
3815120.46 | 104.76154 95.11243 62.08733
46.95651 78.00727 152.17554 86.37891 64.12693
43.27655
3815045.46 | 125.98866 113.88824 100.72307
65.79158 66.44867 205.90751 154.09712 108.05916
57.53405
3814970.46 | 135.84048 99.78520 66.89166
58.96675 62.87616 174.72025 239.52003 126.90434
67.45121
3814895.46 | 57.84981 49.01770 42.74502
47.45601 57.41076 118.94812 399.54783 325.64445
154.37193
3814820.46 | 61.68826 73.77859 51.21198
68.27022 81.72759 94.33809 387.40494 422.28424
162.75623
3814745.46 | 138.15655 194.33376 102.28678
153.33906 162.00207 130.85053 409.26178 447.45093
422.97579
3814670.46 | 274.28688 315.12772 266.11424
210.89978 308.52814 385.52997 464.64968 478.79541
517.55104
3814595.46 | 283.98845 290.90918 288.96126
336.22618 383.03523 380.21062 415.35807 415.86027
506.62926
3814520.46 | 286.39247 285.24772 267.19964
268.15650 186.07035 198.17875 211.24618 226.72666
407.93403
3814445.46 | 279.36190 278.95293 269.97835
268.72074 188.21693 200.71889 215.45738 232.03584
393.32661
3814370.46 | 268.05587 312.49833 339.05700
314.24027 190.54568 202.20016 214.62426 231.06863
250.25905
3814295.46 | 81.18125 186.89589 299.49778

341.55576 368.97875 356.12504 214.43647 233.52934
254.10866
3814220.46 | 50.28244 159.61775 283.04270
256.33637 313.48160 354.54159 199.95131 219.05684
238.51992
3814145.46 | 84.82429 130.41122 82.06398
52.49522 73.46974 308.55290 360.96607 224.06028
241.57668
3814070.46 | 96.98013 36.06857 23.04291
23.73249 65.23963 322.22809 378.58448 407.09902
242.94290
3813995.46 | 23.99465 17.78244 17.29010
21.72317 34.05125 148.13022 202.71733 295.79116
370.44853
3813920.46 | 54.61741 33.28163 20.32717
15.79954 20.91053 68.96256 49.47923 110.62947
345.29133
3813845.46 | 161.67984 98.55404 26.04920
13.84517 15.48554 17.44695 21.03230 39.90936
86.91795
3813770.46 | 247.63704 227.72845 117.32575
24.91829 28.13808 24.78628 28.35139 38.83392
108.40674
3813695.46 | 206.47022 145.55797 44.76449
36.80097 63.12100 57.69249 75.34428 100.50965
187.03102
3813620.46 | 143.54938 165.11329 88.48150
28.31548 51.90979 113.90824 121.95180 181.16507
255.04272
3813545.46 | 112.83794 50.39877 26.89595
28.74210 67.22692 135.01806 137.13637 232.74174
171.96972
3813470.46 | 65.32993 24.81490 54.29060
80.12813 62.69214 34.94600 31.71811 146.46141
95.10946
3813395.46 | 87.90819 108.21938 151.86685
135.91691 116.66051 40.98424 33.13858 80.22545
48.73485
3813320.46 | 84.06173 85.98916 143.02798
134.07135 113.91534 78.33055 25.64502 23.37311
29.03472
3813245.46 | 122.39597 104.64224 109.07187
74.43941 27.01019 25.05538 20.60441 13.24363
14.81784
3813170.46 | 103.13902 90.05961 34.57902
18.68634 19.53097 34.94577 15.74702 13.63725
16.85489

**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 | 43.29555 22.82390 39.34426
21.86211 22.66890 20.50873 20.76916 31.87845
42.03019
3816020.46 | 43.73898 22.57724 42.16488
23.47366 26.75405 21.14342 27.09871 30.73768
40.77262
3815945.46 | 41.07364 47.54347 49.05111
40.86300 29.38959 24.33750 30.21184 33.28244
43.80240
3815870.46 | 36.51383 45.05003 45.23133
46.06140 33.25349 30.90267 31.42463 35.19723
42.11585
3815795.46 | 33.23747 43.62005 52.97139
52.65446 43.89412 34.25770 32.68770 33.10742
43.29391
3815720.46 | 33.20570 35.72230 49.51281
55.06471 50.52242 39.74875 35.98667 37.16951
43.16746
3815645.46 | 35.22396 34.16460 48.53752
55.99381 56.41971 46.18223 37.97617 36.85424
38.44965

3815570.46 | 34.14981 37.57962 39.78403
54.53935 59.64689 54.75107 34.73836 38.24719
35.71383
3815495.46 | 33.31165 34.55515 39.06048
53.95786 57.79729 59.16386 47.38576 36.86420
29.08395
3815420.46 | 32.15040 35.78911 44.78119
59.32444 56.06800 62.68562 59.60832 39.59723
36.15931
3815345.46 | 33.01143 37.75041 51.22425
57.59800 43.50359 58.03958 62.48511 33.89793
30.22100
3815270.46 | 40.56158 42.17480 50.76772
69.84203 47.31630 55.76848 63.26987 39.27627
41.35749
3815195.46 | 49.69455 53.05416 88.52815
58.80893 55.81178 46.53675 61.41749 66.01610
53.77810
3815120.46 | 55.60102 72.55861 104.92528
68.09322 55.69017 53.00714 55.06673 70.41489
70.39953
3815045.46 | 67.98419 107.01533 98.40668
56.62371 55.77344 56.83600 56.18361 71.86378
78.56912
3814970.46 | 64.81122 185.28921 154.07350
106.28453 66.78126 51.73157 66.15488 79.06215
81.97145
3814895.46 | 98.90459 216.95708 131.27971
72.79573 65.24037 65.75140 73.48185 122.09237
82.93846
3814820.46 | 264.48993 423.63888 204.09207
98.60237 136.97115 100.92430 106.50405 142.01095
89.22751
3814745.46 | 473.88806 454.82253 122.30946
187.99080 152.73980 153.82548 194.75566 160.02120
78.03726
3814670.46 | 543.57970 457.64153 223.66800
309.79686 480.98437 324.03155 396.42926 184.09391
94.90385
3814595.46 | 539.34963 151.74385 241.82907
686.52442 744.60701 661.09271 761.70073 368.61521
175.41543
3814520.46 | 188.41705 235.83530 395.65858
687.72762 371.84460 815.48977 907.69796 826.67957
163.56271
3814445.46 | 475.69974 521.73082 647.16436
720.54536 389.76504 433.11213 899.46798 311.70788
187.92491
3814370.46 | 275.16051 294.91100 318.56270
356.75794 396.95386 447.55198 375.43901 458.50862
412.96537
3814295.46 | 275.40437 296.65895 323.41660

352.86132 393.20760 441.84108 820.46983 964.46661
524.50839
3814220.46 | 259.76569 284.07305 311.02234
343.20671 378.80770 418.71938 472.04285 585.88145
1155.89260
3814145.46 | 259.42248 278.57270 298.60299
322.90479 353.32869 393.10197 436.58176 501.91249
618.67999
3814070.46 | 255.38310 271.38408 294.42730
316.75380 330.40882 343.57310 396.68600 424.49595
458.08241
3813995.46 | 222.94986 251.50791 264.89308
258.78476 257.41370 284.90537 303.75541 334.44166
393.49839
3813920.46 | 191.97982 198.51902 219.99869
231.94696 239.43731 254.93354 286.59394 321.62984
359.39844
3813845.46 | 179.07544 184.12788 190.86678
232.72480 351.09412 284.70126 291.73694 294.80069
317.24379
3813770.46 | 161.68407 124.74999 129.96367
264.72025 267.75798 266.17995 249.84312 277.90757
239.92737
3813695.46 | 203.22184 148.27931 13.56143
30.01625 200.05579 241.63912 247.75499 206.92996
187.78360
3813620.46 | 266.41687 107.54600 29.22147
27.83955 48.58191 111.70782 170.37023 192.85331
184.07227
3813545.46 | 153.27194 169.53595 86.23178
46.01265 145.69411 157.77353 181.41012 46.61765
139.36883
3813470.46 | 55.86959 85.92175 102.50370
44.83475 51.36605 75.31249 65.60148 16.51484
83.18035
3813395.46 | 29.43853 24.61784 47.11914
44.47792 60.63994 40.59735 110.70012 162.18118
87.60465
3813320.46 | 15.85753 20.07476 30.06459
27.26856 73.14920 102.35801 117.17990 144.31839
383.26146
3813245.46 | 18.33737 39.73654 45.20215
27.73801 19.72177 42.76935 177.74878 151.02471
129.31251
3813170.46 | 24.37051 31.79457 29.26992
74.49220 48.27557 91.04033 118.29499 129.50724
107.65460

**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 | 41.19185 45.42397 49.92897
43.63682 43.94536 53.50286 55.01525 54.80323
38.25640
3816020.46 | 44.84224 45.08925 50.96833
49.41059 46.71388 60.45094 56.34154 54.86871
66.37882
3815945.46 | 48.52329 50.57561 54.77795
52.65905 54.66319 64.26548 63.13596 56.52431
97.23399
3815870.46 | 47.06036 50.57771 62.07055
62.44674 71.84427 83.27353 103.82071 98.33446
123.46089
3815795.46 | 51.92460 56.76056 64.59165
67.92370 86.57153 121.85266 146.09875 215.16773
252.93693
3815720.46 | 54.90539 52.56741 55.95847
69.20983 92.94263 142.13014 127.36012 153.51696
332.62519
3815645.46 | 52.63060 54.80656 63.57358
72.94970 75.19181 83.93198 136.27360 199.48246
326.91425

3815570.46 | 48.04769 56.06462 62.72952
67.71722 59.20432 76.36429 78.95898 150.99826
169.23303
3815495.46 | 42.38267 52.91405 60.83593
62.18122 59.34810 71.43087 61.89307 60.87102
81.91021
3815420.46 | 36.34910 55.78658 57.93933
64.07392 60.29042 69.30039 61.87968 55.22965
56.01782
3815345.46 | 29.45622 35.67361 36.79438
67.57222 60.04192 69.90306 61.42320 52.51581
51.76825
3815270.46 | 33.10450 46.31777 42.55853
47.46077 40.86629 47.40831 43.63225 37.71478
36.57173
3815195.46 | 49.19127 49.39128 59.49592
67.98730 65.34923 51.10707 71.71880 53.05118
39.31255
3815120.46 | 53.65871 52.55292 48.97010
74.77341 71.56232 76.51227 77.81273 59.54323
44.45452
3815045.46 | 60.70217 61.89059 69.31460
77.12881 81.36199 82.75106 80.92404 69.37614
57.77266
3814970.46 | 75.84080 65.65288 73.79417
78.94448 89.03043 91.09996 83.38151 71.41017
56.52611
3814895.46 | 84.81428 68.86721 80.51580
88.09044 98.18658 99.83502 81.97949 60.66960
61.42321
3814820.46 | 87.43152 91.47648 95.07352
102.00041 109.82481 107.53479 80.66882 81.30158
72.36236
3814745.46 | 79.06157 100.84649 103.92492
116.78543 124.30043 119.40782 98.23760 93.64392
99.59451
3814670.46 | 102.74869 132.01503 124.10504
136.94724 184.49308 139.90781 124.94443 119.87495
120.43921
3814595.46 | 136.73092 297.97241 351.04721
243.18512 258.04257 166.90897 148.71117 139.52628
130.84720
3814520.46 | 135.69363 520.27531 485.33939
584.95314 234.31592 166.23867 155.42867 142.01764
136.13788
3814445.46 | 174.40908 1082.28442 1477.78451
938.58920 313.52221 244.00788 199.15959 201.55559
145.88589
3814370.46 | 608.10256 907.70885 1623.48714
407.76723 252.65090 317.33606 312.62663 231.40344
215.54731
3814295.46 | 1310.10124 984.70524 945.46921

300.20186 0.00000 0.00000 0.00000 318.67815
228.32305
3814220.46 | 858.52111 990.15140 394.59015
0.00000 0.00000 0.00000 0.00000 770.01361
343.23251
3814145.46 | 741.71637 913.43949 1284.61929
0.00000 0.00000 0.00000 0.00000 1298.75890
1101.42174
3814070.46 | 550.55205 679.21142 838.63944
1541.86499 0.00000 0.00000 0.00000 580.78326
1166.81603
3813995.46 | 463.36037 553.55230 633.29124
834.12073 1041.45726 1333.45548 1499.81382 1104.43897
1284.24597
3813920.46 | 388.40349 432.11678 496.20777
637.41835 689.80123 720.91415 895.18260 807.05780
849.33816
3813845.46 | 319.50378 332.42520 399.00034
468.73413 490.53567 504.59326 612.40755 672.35238
679.19285
3813770.46 | 240.80916 275.42724 374.07311
393.48516 368.04742 375.31268 455.72004 498.94082
635.62630
3813695.46 | 205.98269 266.51410 283.42162
326.95320 287.48305 291.62190 365.74656 480.49718
508.29321
3813620.46 | 210.24293 272.15644 229.19513
247.77734 231.59112 234.12775 294.82880 350.32544
360.28535
3813545.46 | 541.60251 211.90652 227.90084
188.31281 191.14527 192.79056 251.23666 274.70258
274.23503
3813470.46 | 230.29802 203.43679 220.49856
157.08088 160.86812 161.98442 212.01520 238.83026
232.65857
3813395.46 | 229.28687 188.76348 210.81461
139.48044 137.56696 138.35258 179.75853 208.08717
216.02644
3813320.46 | 150.55570 338.84105 162.73129
135.35354 125.37883 119.78835 162.49852 181.04939
195.20408
3813245.46 | 119.63813 170.28476 127.64179
58.97953 82.24165 127.68487 148.87458 163.27803
173.96606
3813170.46 | 124.21129 129.93898 89.93712
118.17571 113.73613 90.31167 150.42877 156.54904
161.40800

**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 | 51.65410 31.66615 38.18623
63.11742 39.53460 55.56803 35.05959 46.02742
291.50721
3816020.46 | 63.37663 84.05445 66.37775
67.92138 108.37385 117.21904 58.68299 99.41287
175.36121
3815945.46 | 95.16858 138.96051 230.79867
326.07772 245.59276 279.93494 222.92906 321.97465
309.84678
3815870.46 | 165.42250 227.52344 365.66818
355.59562 367.65956 342.47994 314.23332 128.17721
326.27565
3815795.46 | 290.57890 326.53530 379.02250
352.70052 133.04311 272.62511 134.96946 134.38916
128.11908
3815720.46 | 402.35551 392.88371 407.01518
147.16327 141.30489 140.62641 144.74521 141.25399
128.16611
3815645.46 | 385.10372 411.91468 374.88600
157.14638 152.92684 151.28014 149.74195 138.87046
117.09974

3815570.46 | 161.93462 440.29360 454.47486
422.68535 161.98937 163.05883 161.43735 138.87942
124.46128
3815495.46 | 58.67926 118.47854 283.95339
104.91496 398.10097 344.63973 163.85104 139.40096
135.57300
3815420.46 | 52.24156 88.00577 137.15338
285.49286 461.14027 429.03529 162.96093 149.40529
153.06541
3815345.46 | 46.32131 52.08341 87.86224
168.77378 212.56098 308.59068 423.72047 168.65161
162.36986
3815270.46 | 54.73359 59.36339 71.74539
73.38345 66.68488 89.79898 277.67046 84.33149
448.07938
3815195.46 | 63.55792 55.72281 73.07164
68.51505 60.08363 66.77731 69.98337 78.00772
316.70284
3815120.46 | 60.81873 61.03448 75.35972
68.93029 65.74458 68.30506 71.49140 64.32421
88.87029
3815045.46 | 53.50121 77.80245 76.27520
71.01835 74.51601 73.22753 64.36718 68.63261
70.70175
3814970.46 | 67.91750 81.64679 76.94771
78.01352 80.11777 69.66829 71.99403 72.94315
76.73883
3814895.46 | 78.92439 85.34873 81.16632
85.97933 83.62150 79.71121 80.47392 78.41826
174.93409
3814820.46 | 88.98694 90.38023 91.69684
88.41373 86.45720 121.95542 198.23719 451.84385
570.56977
3814745.46 | 90.58373 91.20215 88.03855
82.03995 86.53029 81.80153 79.48261 76.52764
367.02628
3814670.46 | 111.25152 98.47139 93.12793
98.38640 90.92662 84.45661 95.40624 153.79842
131.02404
3814595.46 | 119.24737 102.89154 109.96279
106.37675 122.44197 93.43813 147.87997 707.69515
633.72573
3814520.46 | 120.77459 109.33326 120.87092
219.89137 452.57845 513.02242 299.33103 309.31538
264.92033
3814445.46 | 133.24333 119.39953 126.48752
119.07959 194.37415 815.82194 352.08805 307.24014
700.83349
3814370.46 | 146.22422 161.78188 248.13854
230.96047 125.17115 205.38593 684.75681 482.44273
294.76654
3814295.46 | 170.10509 220.67367 564.29359

1085.23961 820.83022 491.89199 609.76736 557.34302
313.32473
3814220.46 | 243.63205 187.42627 555.10329
578.50490 485.84182 425.33762 386.71726 198.19957
373.34267
3814145.46 | 214.64020 282.75586 204.01990
1093.63979 456.70740 370.63791 392.53946 339.59056
677.71491
3814070.46 | 307.44483 292.86528 272.88374
547.96445 431.55911 348.42743 320.45996 299.84232
273.53793
3813995.46 | 868.36810 1008.85503 271.20238
518.54824 404.22851 364.04129 302.26617 264.85255
257.85834
3813920.46 | 1338.73914 284.70304 274.52144
526.63041 454.62784 324.26567 289.86316 255.23730
232.90732
3813845.46 | 1182.51327 954.06479 538.79987
656.34434 852.78138 398.79363 357.45832 268.41644
230.34283
3813770.46 | 597.01348 527.13620 504.64038
427.53928 406.27124 361.63671 761.41857 665.89370
247.90389
3813695.46 | 428.38975 416.59144 406.69631
346.12321 336.50708 361.81958 320.89040 270.47464
215.75862
3813620.46 | 371.84451 356.87778 357.34342
311.09516 300.35641 295.19732 297.76982 246.34907
196.00785
3813545.46 | 317.43610 316.99697 292.11507
284.18794 286.79105 253.08870 297.01658 226.23685
196.20876
3813470.46 | 268.35114 283.53255 268.20256
254.35440 243.02907 257.43090 245.58934 219.49303
187.41192
3813395.46 | 222.20554 247.10628 251.02227
236.02557 222.07250 219.96707 236.10286 242.49070
182.92462
3813320.46 | 181.85589 199.54925 224.65592
219.62634 206.17180 198.68591 214.71603 185.98806
172.62163
3813245.46 | 165.52663 184.81329 198.77438
203.55869 191.77164 183.42824 179.47183 197.92674
157.21369
3813170.46 | 153.13834 146.86163 164.23752
183.74482 183.60066 175.24070 164.12773 165.76828
157.32316

**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) | 350870.28 350945.28 351020.28
351095.28
- -
- -
-

3816095.46 | 127.29024 69.36941 72.46175
248.25926
3816020.46 | 314.46157 135.84578 320.30570
238.12278
3815945.46 | 115.55706 320.37423 255.59736
91.40056
3815870.46 | 116.97473 304.42313 97.28112
100.33343
3815795.46 | 113.45409 106.67331 110.37973
106.36098
3815720.46 | 113.60162 110.64840 111.32851
106.26566
3815645.46 | 114.89709 117.72734 115.44631
97.84675
3815570.46 | 125.88418 127.20790 113.75504
98.44382
3815495.46 | 136.32417 122.86247 101.51410
99.95710
3815420.46 | 141.54959 111.02643 105.94905
102.88777
3815345.46 | 131.80415 122.62185 118.16033
118.01910

3815270.46	143.70400	146.96927	141.68535	123.07221
3815195.46	444.26635	373.30792	159.80267	148.36553
3815120.46	117.62248	111.06020	175.73490	353.60201
3815045.46	72.00459	141.23289	479.33834	458.47637
3814970.46	92.56345	77.56347	118.56003	381.12810
3814895.46	391.49912	130.56239	241.99844	408.92720
3814820.46	580.03945	389.95801	269.38301	489.79873
3814745.46	557.87696	214.36851	543.32419	386.47066
3814670.46	610.89423	575.35869	207.49475	191.93947
3814595.46	253.28066	493.56023	536.27401	194.13121
3814520.46	227.26611	212.60800	214.63166	203.71640
3814445.46	262.06321	224.06901	184.49707	198.23064
3814370.46	254.02267	239.18850	187.86936	191.72497
3814295.46	257.36730	206.71869	188.32830	182.00748
3814220.46	263.85797	236.82413	190.23402	172.46331
3814145.46	571.56864	227.77000	225.51452	173.82761
3814070.46	275.48672	253.65208	221.81572	170.32722
3813995.46	222.31669	205.60549	207.02872	183.09660
3813920.46	214.92230	193.84300	180.15295	168.87608
3813845.46	198.01623	186.94516	175.75611	163.50724
3813770.46	226.27565	201.53437	163.13888	152.43175
3813695.46	198.74056	182.22159	161.09995	148.22796
3813620.46	178.77611	173.53869	163.63596	152.08914
3813545.46	177.49261	160.39741	150.69612	147.92218
3813470.46	174.79990	163.82539	145.15227	137.30944
3813395.46	165.01312	156.15629	148.09125	136.84310

3813320.46	159.77256	147.22259	139.68802	134.65383
3813245.46	150.53185	143.50517	135.86811	127.89919
3813170.46	139.31478	136.16181	131.06031	125.77713

**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 88.32530
350283.70 3815266.49 59.04117
350539.82 3814604.70 95.15470
350467.63 3814245.45 529.92889
350008.68 3813941.20 924.77627
350147.91 3813936.04 806.40032
350557.01 3814453.44 810.79973
349200.78 3815251.02 45.75845
349173.28 3815257.89 42.85221
348862.58 3814174.11 266.14345
348862.58 3815183.55 55.46266
350494.71 3815179.68 63.22602
350486.97 3814363.62 141.41808
350216.24 3814363.62 153.22267
350216.24 3814193.45 212.90516
349991.92 3813969.12 1180.11716
349794.67 3813961.39 813.20372
349597.42 3814065.81 693.36605
349121.71 3814085.15 334.34097

**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 180.60017 AT (350120.28,
3814070.46, 390.30, 520.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 176.77167 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 159.12607 AT (349745.28,
3814070.46, 386.70, 524.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 151.13010 AT (349895.28,
3813995.46, 389.80, 520.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 144.97697 AT (350045.28,
3813995.46, 379.10, 524.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 144.90855 AT (349670.28,
3814145.46, 390.60, 524.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 137.87516 AT (349595.28,
3814295.46, 383.90, 524.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 134.54777 AT (349595.28,
3814370.46, 386.90, 524.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 132.73858 AT (349991.92,
3813969.12, 381.07, 520.00, 0.00) DC
10TH HIGHEST VALUE IS 131.04499 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    1645.46197 AT (  349670.28,
3814370.46,   390.90,   524.00,    0.00)  GC  UCART1
          2ND HIGHEST VALUE IS    1627.82927 AT (  349745.28,
3814070.46,   386.70,   524.00,    0.00)  GC  UCART1
          3RD HIGHEST VALUE IS    1554.25092 AT (  349970.28,
3813995.46,   394.70,   520.00,    0.00)  GC  UCART1
          4TH HIGHEST VALUE IS    1480.91232 AT (  349670.28,
3814445.46,   393.00,   524.00,    0.00)  GC  UCART1
          5TH HIGHEST VALUE IS    1437.93570 AT (  349895.28,
3813995.46,   389.80,   520.00,    0.00)  GC  UCART1
          6TH HIGHEST VALUE IS    1368.87859 AT (  350045.28,
3814145.46,   396.00,   520.00,    0.00)  GC  UCART1
          7TH HIGHEST VALUE IS    1339.61588 AT (  350195.28,
3813920.46,   392.00,   520.00,    0.00)  GC  UCART1
          8TH HIGHEST VALUE IS    1330.64710 AT (  349520.28,
3814295.46,   391.10,   524.00,    0.00)  GC  UCART1
          9TH HIGHEST VALUE IS    1320.61379 AT (  349670.28,
3814145.46,   390.60,   524.00,    0.00)  GC  UCART1
         10TH HIGHEST VALUE IS    1292.31479 AT (  350120.28,
3813995.46,   395.60,   520.00,    0.00)  GC  UCART1
```

**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 1623.48714 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 1541.86499 AT (349745.28,
3814070.46, 386.70, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 1499.81382 AT (349970.28,
3813995.46, 394.70, 520.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 1477.78451 AT (349670.28,
3814445.46, 393.00, 524.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 1338.73914 AT (350195.28,
3813920.46, 392.00, 520.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 1333.45548 AT (349895.28,
3813995.46, 389.80, 520.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 1310.10124 AT (349520.28,
3814295.46, 391.10, 524.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 1298.75890 AT (350045.28,
3814145.46, 396.00, 520.00, 0.00) GC UCART1
9TH HIGHEST VALUE IS 1284.61929 AT (349670.28,
3814145.46, 390.60, 524.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 1284.24597 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\IDAltNOx\IDAltNOx\IDAltNOx.isc
***        06/19/14
                                   ***
***        14:38:00

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 ***
    ************************************
```

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 6/19/2014
** File:
C:\AERMOD\LosValles\IDAltNOx\IDAltCO\IDAltPM10\IDAltPM10\IDAltPM1
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 IDAltPM10.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            0.0709     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        1.1676E-06     3.000   316.240   314.170
0.000
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED IDAltPM10.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 IDALTPM10.AD\24H1GALL.PLT 31
   PLOTFILE PERIOD ALL IDALTPM10.AD\PE00GALL.PLT 32
   SUMMFILE IDAltPM10.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: IDAltPM10.err
**File for Summary of Results: IDAltPM10.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	0.70900E-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 | X-
COORD (METERS)
(METERS) | 348845.28 348920.28 348995.28
349070.28 349145.28 349220.28 349295.28 349370.28
349445.28
- -
- -
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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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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 | 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
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
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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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520.00
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
524.00 524.00 524.00 520.00 520.00
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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
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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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3813695.46 | 520.00 520.00 524.00
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520.00
3813620.46 | 520.00 520.00 520.00
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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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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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3814595.46 | 520.00 520.00 520.00
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3814520.46 | 520.00 520.00 520.00
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3814445.46 | 520.00 520.00 520.00
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3814370.46 | 520.00 520.00 520.00
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3814295.46 | 520.00 520.00 520.00
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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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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,

**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	0.02896	0.03361	0.03322	0.02968	0.02637	0.02697	0.02719	0.02518	0.02629
3816020.46	0.03530	0.03759	0.03562	0.02919	0.02867	0.02871	0.03203	0.02769	0.02920
3815945.46	0.04097	0.04115	0.03740	0.03070	0.03346	0.03085	0.03580	0.03076	0.03357
3815870.46	0.04841	0.04741	0.04391	0.04056	0.03847	0.03682	0.04026	0.03708	0.03718
3815795.46	0.05247	0.05327	0.05196	0.04943	0.04260	0.04812	0.04738	0.04334	0.04223
3815720.46	0.06164	0.05929	0.05500	0.04451	0.04336	0.05920	0.05378	0.04999	0.04813
3815645.46	0.06768	0.06855	0.06229	0.04876	0.04961	0.06718	0.06234	0.06091	0.05248

3815570.46 | 0.06629 0.08003 0.07228
0.05200 0.05611 0.08898 0.07235 0.05476
0.04785
3815495.46 | 0.06993 0.09098 0.07838
0.05267 0.08016 0.09106 0.06707 0.05152
0.04622
3815420.46 | 0.09709 0.10493 0.08076
0.05736 0.10519 0.09960 0.06470 0.05411
0.06175
3815345.46 | 0.11141 0.12193 0.08759
0.07047 0.13360 0.10743 0.08320 0.08612
0.07024
3815270.46 | 0.13047 0.13492 0.09497
0.09658 0.16656 0.13252 0.09498 0.06967
0.06005
3815195.46 | 0.14556 0.15082 0.12213
0.10618 0.19217 0.18783 0.13945 0.08586
0.06870
3815120.46 | 0.15668 0.15755 0.13768
0.10990 0.15698 0.25734 0.19329 0.13635
0.09266
3815045.46 | 0.16633 0.16907 0.16340
0.13849 0.15620 0.30798 0.27577 0.22274
0.14033
3814970.46 | 0.16354 0.15198 0.13138
0.12242 0.12449 0.27830 0.35870 0.24728
0.17121
3814895.46 | 0.08914 0.08890 0.07975
0.09867 0.12970 0.20974 0.43251 0.42375
0.30294
3814820.46 | 0.08656 0.10614 0.08463
0.12190 0.15170 0.17729 0.43436 0.47326
0.31055
3814745.46 | 0.12398 0.16267 0.12361
0.17532 0.19252 0.19079 0.38750 0.48030
0.50899
3814670.46 | 0.19297 0.21008 0.18642
0.18158 0.27540 0.32541 0.45385 0.54898
0.55852
3814595.46 | 0.18691 0.23609 0.28679
0.29693 0.28124 0.41658 0.47720 0.53502
0.48991
3814520.46 | 0.17215 0.21186 0.26532
0.30654 0.36976 0.43628 0.49143 0.55681
0.33306
3814445.46 | 0.16071 0.19410 0.23240
0.26744 0.33668 0.39300 0.45337 0.51847
0.48294
3814370.46 | 0.09462 0.14739 0.17976
0.21847 0.30041 0.33805 0.39115 0.45796
0.52940
3814295.46 | 0.02545 0.05391 0.10147

0.16362 0.18713 0.22982 0.33179 0.38720
0.44729
3814220.46 | 0.01297 0.03454 0.06980
0.06215 0.08587 0.11276 0.26760 0.32295
0.37769
3814145.46 | 0.01715 0.02635 0.01812
0.01237 0.01824 0.07092 0.15072 0.27460
0.31404
3814070.46 | 0.01416 0.00684 0.00409
0.00474 0.01134 0.05534 0.11169 0.10858
0.26253
3813995.46 | 0.00458 0.00319 0.00302
0.00391 0.00656 0.02226 0.02891 0.04417
0.13192
3813920.46 | 0.00843 0.00572 0.00437
0.00293 0.00430 0.01005 0.00827 0.01390
0.04909
3813845.46 | 0.02286 0.01392 0.00451
0.00293 0.00337 0.00356 0.00445 0.00605
0.01400
3813770.46 | 0.02892 0.02507 0.01149
0.00398 0.00471 0.00427 0.00490 0.00592
0.01664
3813695.46 | 0.04443 0.02744 0.00825
0.00537 0.00759 0.00884 0.01589 0.02182
0.09402
3813620.46 | 0.05039 0.04098 0.01393
0.00580 0.01173 0.02618 0.04405 0.07294
0.06768
3813545.46 | 0.04586 0.01423 0.00451
0.00423 0.01348 0.02555 0.01898 0.05087
0.03618
3813470.46 | 0.01902 0.00474 0.01024
0.01012 0.00815 0.00540 0.00587 0.02760
0.01746
3813395.46 | 0.03206 0.02066 0.03853
0.03071 0.02333 0.00597 0.00486 0.01208
0.00627
3813320.46 | 0.08539 0.08834 0.05215
0.04754 0.02268 0.01616 0.00457 0.00404
0.00460
3813245.46 | 0.05108 0.04738 0.03031
0.01646 0.00439 0.00383 0.00312 0.00258
0.00290
3813170.46 | 0.02492 0.01783 0.00754
0.00386 0.00349 0.00478 0.00269 0.00251
0.00356

**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	0.02596	0.02285	0.02457	0.02162	0.02151	0.02004	0.02062	0.02447	0.02312
3816020.46	0.02767	0.02513	0.02735	0.02409	0.02482	0.02237	0.02530	0.02678	0.02468
3815945.46	0.03239	0.03032	0.03209	0.02722	0.02935	0.02425	0.02712	0.02980	0.02825
3815870.46	0.03638	0.03567	0.03486	0.03375	0.03331	0.03052	0.02979	0.03282	0.03556
3815795.46	0.04085	0.03897	0.04007	0.03936	0.03786	0.03517	0.03336	0.03312	0.03756
3815720.46	0.04452	0.04384	0.04706	0.04495	0.04269	0.04022	0.03766	0.03721	0.04128
3815645.46	0.04835	0.04593	0.05004	0.05133	0.04851	0.04550	0.04103	0.03878	0.03989

3815570.46 | 0.04804 0.04837 0.05319
0.05932 0.05446 0.04760 0.03987 0.03739
0.03929
3815495.46 | 0.04692 0.05162 0.05427
0.06719 0.05789 0.05057 0.04644 0.04404
0.03681
3815420.46 | 0.05213 0.05571 0.06658
0.08041 0.06905 0.06217 0.05500 0.05016
0.04400
3815345.46 | 0.05837 0.06307 0.08208
0.08692 0.06585 0.05865 0.05738 0.04603
0.04412
3815270.46 | 0.07058 0.07535 0.09400
0.11199 0.07489 0.07181 0.06552 0.05256
0.05705
3815195.46 | 0.09197 0.10033 0.15893
0.11095 0.09397 0.08132 0.07387 0.06495
0.07197
3815120.46 | 0.13125 0.15640 0.18495
0.14070 0.10790 0.08905 0.08250 0.08604
0.09087
3815045.46 | 0.16650 0.22860 0.20738
0.11645 0.11874 0.11117 0.10577 0.11161
0.11873
3814970.46 | 0.16856 0.35344 0.32714
0.24055 0.15856 0.11601 0.13738 0.15854
0.15133
3814895.46 | 0.24749 0.42447 0.31183
0.20962 0.16004 0.15292 0.18997 0.24813
0.15986
3814820.46 | 0.44949 0.60954 0.43802
0.30247 0.34984 0.29459 0.28150 0.33685
0.23643
3814745.46 | 0.58456 0.62279 0.32368
0.46599 0.43209 0.42957 0.51267 0.41846
0.21143
3814670.46 | 0.65477 0.60267 0.45646
0.62349 0.85163 0.77393 0.90297 0.56998
0.32982
3814595.46 | 0.55616 0.29634 0.46144
1.00058 1.24787 1.14161 1.36814 1.01224
0.65657
3814520.46 | 0.23801 0.32569 0.49865
0.98136 1.45143 1.30919 1.66045 1.65815
0.74321
3814445.46 | 0.48499 0.61416 0.62810
0.74727 1.39732 1.60361 1.53858 0.93255
0.82643
3814370.46 | 0.60885 0.73758 0.89097
1.04990 1.27607 1.29849 0.67873 0.98238
1.17864
3814295.46 | 0.52192 0.61659 0.73164

0.88041 1.06652 1.33498 1.11584 1.44802
1.04445
3814220.46 | 0.43529 0.50335 0.58942
0.72172 0.86678 1.06394 1.35623 1.66415
1.43843
3814145.46 | 0.36015 0.41142 0.48880
0.56353 0.65842 0.78679 0.95980 1.23051
1.70198
3814070.46 | 0.30466 0.34139 0.38545
0.45036 0.51207 0.58960 0.69573 0.84432
1.07118
3813995.46 | 0.25806 0.28359 0.32844
0.37322 0.41581 0.47017 0.54280 0.63930
0.76786
3813920.46 | 0.22681 0.26350 0.29159
0.32951 0.36409 0.41059 0.46486 0.52733
0.62202
3813845.46 | 0.21384 0.24306 0.27044
0.28947 0.16756 0.38316 0.42493 0.47208
0.53254
3813770.46 | 0.20544 0.02237 0.01938
0.03939 0.04110 0.35698 0.38363 0.42946
0.47035
3813695.46 | 0.06033 0.01831 0.00414
0.00727 0.03443 0.32555 0.36392 0.39162
0.41049
3813620.46 | 0.06923 0.01471 0.00586
0.00538 0.00889 0.01864 0.32343 0.35341
0.38769
3813545.46 | 0.02454 0.03471 0.01375
0.00802 0.02832 0.11326 0.08507 0.01465
0.05629
3813470.46 | 0.00779 0.01283 0.01548
0.00765 0.01023 0.03826 0.02424 0.00505
0.01803
3813395.46 | 0.00477 0.00430 0.00911
0.00810 0.02387 0.01264 0.10033 0.06918
0.01271
3813320.46 | 0.00320 0.00423 0.00536
0.00670 0.05642 0.10479 0.21075 0.22813
0.09126
3813245.46 | 0.00480 0.00802 0.02366
0.01597 0.02253 0.02328 0.10998 0.20260
0.21628
3813170.46 | 0.00498 0.00944 0.02344
0.06528 0.04727 0.16378 0.17856 0.18673
0.19006

**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	0.02479	0.02564	0.03104	0.03404	0.03436	0.03468	0.03528	0.04450	0.03633
3816020.46	0.03054	0.03190	0.03308	0.03929	0.04271	0.04661	0.03938	0.04556	0.05265
3815945.46	0.03418	0.04117	0.04033	0.04529	0.05109	0.05650	0.05822	0.05180	0.06711
3815870.46	0.03629	0.04532	0.05183	0.05766	0.06254	0.06737	0.07503	0.07280	0.07832
3815795.46	0.04421	0.04968	0.05633	0.06434	0.07264	0.08383	0.09469	0.11317	0.12338
3815720.46	0.04419	0.04260	0.04716	0.06953	0.08010	0.09661	0.09099	0.09908	0.15177
3815645.46	0.04377	0.04278	0.05930	0.07556	0.07556	0.07846	0.09785	0.11916	0.15246

3815570.46 | 0.04444 0.04590 0.06008
0.06383 0.06796 0.08172 0.08230 0.10812
0.11277
3815495.46 | 0.04452 0.04692 0.05622
0.05370 0.06625 0.07778 0.06750 0.07155
0.08083
3815420.46 | 0.04381 0.04499 0.04887
0.06124 0.06869 0.07002 0.06582 0.07016
0.06522
3815345.46 | 0.04043 0.04350 0.04614
0.05860 0.06582 0.06494 0.06217 0.06751
0.05850
3815270.46 | 0.04972 0.05350 0.05264
0.05769 0.05689 0.06375 0.06405 0.06090
0.05260
3815195.46 | 0.06827 0.06126 0.06297
0.07551 0.07401 0.07284 0.08241 0.07176
0.05332
3815120.46 | 0.08403 0.07574 0.06578
0.08927 0.09258 0.08541 0.09605 0.07932
0.06063
3815045.46 | 0.10299 0.08871 0.08918
0.09624 0.11731 0.10847 0.11286 0.08996
0.07007
3814970.46 | 0.10862 0.10234 0.12089
0.11161 0.13814 0.13892 0.12871 0.10513
0.07271
3814895.46 | 0.14277 0.13971 0.15938
0.13567 0.16785 0.17806 0.13483 0.09506
0.07705
3814820.46 | 0.17144 0.18139 0.21684
0.18842 0.21889 0.20141 0.14595 0.11729
0.10099
3814745.46 | 0.19139 0.21005 0.27356
0.25797 0.30781 0.25089 0.20180 0.16577
0.13789
3814670.46 | 0.33965 0.41377 0.36470
0.40645 0.45548 0.37619 0.30686 0.23480
0.17671
3814595.46 | 0.56814 0.86850 0.88338
0.70821 0.69554 0.52143 0.40812 0.30436
0.20745
3814520.46 | 0.68703 1.62120 1.50217
1.58192 0.90607 0.51856 0.43802 0.31749
0.22923
3814445.46 | 0.93364 3.01437 4.07829
2.96236 1.59476 1.05494 0.70501 0.54180
0.28110
3814370.46 | 1.94441 5.17544 6.03291
3.06259 1.90999 1.98076 1.72122 0.86028
0.48523
3814295.46 | 2.91802 5.55413 4.01994

2.85698 2.49521 3.49364 2.09978 1.57788
0.57302
3814220.46 | 2.71812 4.98533 1.86970
1.73208 2.41552 4.44660 2.06760 2.23113
0.67002
3814145.46 | 2.35468 3.64396 4.26589
1.74305 3.71579 2.81506 1.85942 3.80578
3.57144
3814070.46 | 1.47123 2.20524 3.94286
5.00554 10.66460 4.48931 1.49864 2.09321
5.21987
3813995.46 | 0.95814 1.23107 1.63972
2.35867 5.31529 3.72837 2.21458 8.90683
2.97307
3813920.46 | 0.74469 0.90871 1.12259
1.40096 2.02619 3.44742 4.13158 6.17818
5.20618
3813845.46 | 0.61196 0.71180 0.83628
0.97648 1.19593 1.65650 2.33085 3.41092
4.08813
3813770.46 | 0.51056 0.57358 0.64717
0.72479 0.82844 1.02189 1.35538 1.85848
2.31507
3813695.46 | 0.43258 0.47477 0.51819
0.56298 0.61970 0.71810 0.89314 1.15243
1.72291
3813620.46 | 0.40773 0.42854 0.42599
0.45285 0.48528 0.53993 0.64235 0.80775
1.00652
3813545.46 | 0.16495 0.38075 0.36620
0.38030 0.39464 0.42700 0.48889 0.58647
0.72099
3813470.46 | 0.31968 0.34215 0.32723
0.34126 0.33548 0.35005 0.38935 0.45298
0.54453
3813395.46 | 0.05646 0.30650 0.31946
0.31424 0.29391 0.29598 0.32244 0.36616
0.42723
3813320.46 | 0.24932 0.14981 0.03602
0.13373 0.28119 0.27104 0.28802 0.30604
0.34518
3813245.46 | 0.22250 0.23635 0.24227
0.04733 0.08382 0.26123 0.25891 0.27320
0.29880
3813170.46 | 0.19961 0.19094 0.19826
0.22105 0.12025 0.07221 0.24307 0.25418
0.25985

**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	0.04033	0.02877	0.02593	0.03879	0.02492	0.02774	0.01851	0.02252	0.10368
3816020.46	0.05122	0.04996	0.04345	0.04125	0.05055	0.04856	0.03230	0.04349	0.06249
3815945.46	0.06364	0.06964	0.09257	0.11725	0.08677	0.10263	0.07929	0.14606	0.10665
3815870.46	0.08750	0.09933	0.15214	0.18327	0.13747	0.15277	0.11237	0.22557	0.15855
3815795.46	0.12451	0.13655	0.15494	0.20619	0.23833	0.21172	0.23723	0.25571	0.26071
3815720.46	0.17529	0.18113	0.19995	0.26115	0.28129	0.28016	0.24255	0.28759	0.28457
3815645.46	0.17709	0.23087	0.24527	0.29479	0.31403	0.32298	0.31826	0.31418	0.30566

3815570.46 | 0.09772 0.19505 0.22920
0.22058 0.32155 0.34854 0.33674 0.33883
0.32341
3815495.46 | 0.05656 0.08270 0.12519
0.06373 0.15807 0.26450 0.33601 0.36217
0.35671
3815420.46 | 0.05065 0.06831 0.07832
0.12589 0.19585 0.25412 0.35245 0.38303
0.38899
3815345.46 | 0.04904 0.04788 0.06415
0.09237 0.10072 0.13398 0.27762 0.32659
0.41817
3815270.46 | 0.05491 0.05433 0.06171
0.05422 0.04340 0.05746 0.12072 0.05139
0.19124
3815195.46 | 0.05038 0.05138 0.05027
0.04610 0.03790 0.03987 0.03889 0.05192
0.13908
3815120.46 | 0.05843 0.05017 0.04691
0.04822 0.04613 0.03776 0.03797 0.03803
0.05305
3815045.46 | 0.06214 0.06387 0.05853
0.05227 0.05312 0.03955 0.03816 0.03919
0.03745
3814970.46 | 0.07370 0.06503 0.07058
0.05878 0.06212 0.04656 0.04464 0.03801
0.05586
3814895.46 | 0.07621 0.07874 0.07158
0.07351 0.06954 0.05678 0.05806 0.05600
0.09336
3814820.46 | 0.09004 0.08881 0.08524
0.07540 0.07666 0.08729 0.12272 0.24346
0.32545
3814745.46 | 0.10261 0.09034 0.07427
0.06563 0.06262 0.05705 0.05828 0.05360
0.22171
3814670.46 | 0.13927 0.09989 0.08929
0.08273 0.06896 0.05978 0.07939 0.11289
0.09278
3814595.46 | 0.15201 0.11320 0.10869
0.10774 0.11590 0.07080 0.11450 0.60537
0.46696
3814520.46 | 0.16698 0.12450 0.13360
0.20863 0.37639 0.40744 0.22061 1.07654
1.34437
3814445.46 | 0.19632 0.14691 0.13811
0.13675 0.18456 0.79508 1.07896 1.50301
0.70763
3814370.46 | 0.24251 0.25020 0.32241
0.27281 0.12594 0.18086 0.69370 0.43838
1.49521
3814295.46 | 0.30816 0.32628 0.78701

1.63459 1.05433 0.56507 0.67826 0.58509
1.59583
3814220.46 | 0.39364 0.26764 0.90559
2.28153 2.99108 2.53518 1.69217 0.20432
0.37112
3814145.46 | 0.39459 0.54224 0.32699
2.09911 4.07448 3.22780 1.97846 2.35415
0.87062
3814070.46 | 0.59993 0.48028 0.44138
4.55197 4.19972 3.13034 2.78876 2.48029
2.16738
3813995.46 | 3.79562 2.13425 0.38048
4.33852 3.92168 3.30978 2.57656 2.10195
2.00984
3813920.46 | 2.74514 0.39425 0.37334
2.12398 1.84113 2.93226 2.49871 1.97544
1.70318
3813845.46 | 1.61857 1.37276 3.47238
0.90191 1.30133 2.19854 1.42940 2.15877
1.81329
3813770.46 | 2.45809 3.01280 2.46916
2.97996 2.57145 2.23500 1.11589 1.20344
1.80385
3813695.46 | 1.84021 2.19195 2.38403
2.18639 2.24149 1.41634 1.76020 1.88359
1.44387
3813620.46 | 1.23652 1.47472 1.73872
1.66351 1.74785 1.80342 1.77176 1.55486
1.23596
3813545.46 | 0.87523 1.03143 1.15250
1.26450 1.45918 1.37081 1.29495 1.32573
1.09655
3813470.46 | 0.65647 0.77230 0.87618
0.97099 1.02702 1.24075 1.25937 1.16533
1.01896
3813395.46 | 0.50881 0.59704 0.68419
0.76145 0.81894 0.89759 1.08074 1.02894
0.89106
3813320.46 | 0.40455 0.47158 0.54291
0.61129 0.66995 0.71794 0.85445 0.81948
0.78230
3813245.46 | 0.33035 0.38118 0.43868
0.49768 0.55072 0.59149 0.62467 0.76366
0.65573
3813170.46 | 0.28021 0.31683 0.36090
0.40913 0.45696 0.49641 0.52638 0.58261
0.58033

**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	0.04721	0.03226	0.03439	0.07803
3816020.46	0.12519	0.05272	0.11456	0.15243
3815945.46	0.19530	0.11173	0.16193	0.22355
3815870.46	0.21460	0.16378	0.24092	0.23648
3815795.46	0.24592	0.26100	0.23130	0.24599
3815720.46	0.27967	0.27853	0.26692	0.26074
3815645.46	0.30042	0.29515	0.28041	0.26228
3815570.46	0.31134	0.30800	0.29887	0.29539
3815495.46	0.33669	0.31663	0.30531	0.29845
3815420.46	0.36907	0.33930	0.32475	0.30607
3815345.46	0.40415	0.38806	0.35731	0.32842

3815270.46	0.41930	0.37119	0.40622	0.35958
3815195.46	0.20048	0.31403	0.36203	0.42315
3815120.46	0.06211	0.05799	0.07682	0.31058
3815045.46	0.04626	0.07139	0.24355	0.23275
3814970.46	0.05418	0.04678	0.06278	0.18313
3814895.46	0.19563	0.07179	0.12904	0.21352
3814820.46	0.38639	0.21373	0.14932	0.36635
3814745.46	0.47602	0.66148	0.38449	0.22083
3814670.46	0.43169	0.41288	0.68558	0.80900
3814595.46	0.81918	0.60740	0.52599	0.85251
3814520.46	1.18340	1.07853	1.03635	0.69604
3814445.46	0.79295	1.23240	0.98924	1.00898
3814370.46	1.48390	1.33485	1.01882	1.01170
3814295.46	1.58919	1.21408	1.06883	1.03980
3814220.46	1.73758	1.50728	1.14174	1.00062
3814145.46	1.13684	1.55864	1.47326	1.09928
3814070.46	1.80903	1.26354	1.53585	1.16834
3813995.46	1.62569	1.45388	1.44992	1.26053
3813920.46	1.51952	1.35516	1.22506	1.11610
3813845.46	1.45629	1.30499	1.16856	1.06560
3813770.46	1.64331	1.43650	1.13283	1.01827
3813695.46	1.28459	1.16530	1.04363	0.96245
3813620.46	1.13326	1.04760	0.97250	0.90414
3813545.46	1.02833	0.96326	0.90292	0.84604
3813470.46	0.92222	0.87851	0.83319	0.78752
3813395.46	0.82138	0.79490	0.76371	0.72961

3813320.46	0.72537	0.71254	0.69392	0.67062
3813245.46	0.63710	0.63273	0.62451	0.61162
3813170.46	0.55894	0.56001	0.55864	0.55328

**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 0.07848
350283.70 3815266.49 0.05472
350539.82 3814604.70 0.08075
350467.63 3814245.45 2.33883
350008.68 3813941.20 6.83891
350147.91 3813936.04 6.25791
350557.01 3814453.44 0.77134
349200.78 3815251.02 0.07575
349173.28 3815257.89 0.07212
348862.58 3814174.11 0.39965
348862.58 3815183.55 0.10703
350494.71 3815179.68 0.03863
350486.97 3814363.62 0.13719
350216.24 3814363.62 0.23773
350216.24 3814193.45 0.34327
349991.92 3813969.12 5.54660
349794.67 3813961.39 2.52361
349597.42 3814065.81 2.14343
349121.71 3814085.15 0.51336

**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 (METERS)	X-COORD (METERS) 348170.28	348245.28	348320.28	348395.28	348470.28
3816095.5	0.19171 (05031524)	0.23388 (05031524)	0.24718 (05031524)	0.22553 (05031524)	0.17605 (05110924)
3816020.5	0.23383m(05051624)	0.23813m(05051624)	0.24307 (05031524)	0.17686 (05110924)	0.18717 (05110924)
3815945.5	0.25698m(05051624)	0.26997m(05051624)	0.23025m(05051624)	0.17233 (05031524)	0.25202 (05031524)
3815870.5	0.26819 (05010424)	0.29335m(05051624)	0.28245m(05051624)	0.24291m(05051624)	0.25974 (05031524)
3815795.5	0.29402m(05010924)	0.28693 (05010424)	0.31586m(05051624)	0.31072m(05051624)	0.24675m(05051624)
3815720.5	0.32634m(05010924)	0.32172m(05010924)	0.29907 (05010424)	0.26219m(05051624)	0.26217m(05051624)
3815645.5	0.31693m(05010924)	0.35047m(05010924)	0.33488m(05010924)	0.28755 (05010424)	0.28799m(05051624)
3815570.5	0.28079 (05052224)	0.34853m(05010924)			

0.36319m(05010924) 0.29786 (05010424) 0.31681
(05010424)
3815495.5 | 0.33441 (05022024) 0.37512 (05070724)
0.34503m(05010924) 0.29662m(05010924)
0.40281m(05010924)
3815420.5 | 0.48126 (05022024) 0.46331 (05070724)
0.34434 (05022024) 0.29103m(05010924)
0.46179m(05010924)
3815345.5 | 0.59220 (05022024) 0.58505 (05022024)
0.44137 (05022024) 0.34944 (05022024) 0.54756
(05070724)
3815270.5 | 0.68698 (05022024) 0.69568 (05022024)
0.52914 (05022024) 0.49985 (05022024) 0.77741
(05070724)
3815195.5 | 0.72731 (05063024) 0.75878 (05022024)
0.66006 (05022024) 0.58872 (05022024) 0.88292
(05070724)
3815120.5 | 0.79104 (05063024) 0.79351 (05063024)
0.68308 (05022024) 0.59608 (05022024) 0.79304
(05022024)
3815045.5 | 0.79479 (05070624) 0.80003 (05063024)
0.80386 (05063024) 0.65343 (05063024) 0.77202
(05022024)
3814970.5 | 0.97416 (05070624) 0.84456 (05070624)
0.65890 (05070624) 0.56673 (05063024) 0.57169
(05063024)
3814895.5 | 0.59543 (05070624) 0.58681 (05070624)
0.50066 (05070624) 0.56571 (05070624) 0.64641
(05070624)
3814820.5 | 0.49747 (05070624) 0.64345 (05070624)
0.54549 (05070624) 0.76308 (05070624) 0.89389
(05070624)
3814745.5 | 0.73525 (05122224) 0.95287 (05122224)
0.62709 (05070624) 0.94025 (05031124) 1.06286
(05070624)
3814670.5 | 1.39066 (05062224) 1.38557 (05062224)
1.12864 (05122224) 1.04992 (05122224)
1.63352m(05031024)
3814595.5 | 1.62586 (05062224) 1.91306 (05062224)
2.15628 (05062224) 2.14258 (05062224) 1.88847
(05062224)
3814520.5 | 1.43804 (05062224) 1.71603 (05062224)
2.00991 (05062224) 2.21311 (05062224) 2.08204
(05062224)
3814445.5 | 1.46691 (05110624) 1.60925 (05110624)
1.74182 (05110624) 1.83583 (05110624) 1.85496
(05091924)
3814370.5 | 0.89888 (05091924) 1.30087 (05110624)
1.49463 (05110624) 1.68654 (05110624) 1.80616
(05110624)
3814295.5 | 0.41639 (05060424) 0.64770 (05060424)
0.94278 (05122324) 1.29366 (05122324) 1.38148

(05122324)
3814220.5 | 0.25856 (05122324) 0.56498 (05122324)
0.93772 (05122324) 0.83593 (05122324) 1.03000
(05122324)
3814145.5 | 0.31416 (05122324) 0.43455 (05122324)
0.31230 (05122324) 0.22087 (05122324) 0.29419
(05122324)
3814070.5 | 0.27797 (05021924) 0.11603 (05021924)
0.11330 (05120424) 0.12099 (05120424) 0.22612
(05021924)
3813995.5 | 0.10442 (05021924) 0.11043 (05021024)
0.11790 (05021024) 0.12969 (05021024) 0.14753
(05021924)
3813920.5 | 0.25692 (05021924) 0.14873 (05021924)
0.15119 (05021024) 0.15042 (05021024) 0.17306
(05120424)
3813845.5 | 0.50919m(05061924) 0.27750m(05061924)
0.18932 (05120424) 0.19386 (05120424) 0.22532
(05120424)
3813770.5 | 0.63397m(05111324) 0.53140m(05111324)
0.28318 (05120424) 0.26117 (05120424) 0.28250
(05120424)
3813695.5 | 0.71912 (05010624) 0.53583 (05010624)
0.29148 (05120424) 0.27509 (05120424) 0.28349
(05120424)
3813620.5 | 0.63707 (05010624) 0.52303 (05010624)
0.29916m(05121724) 0.21790 (05120424)
0.34444m(05121724)
3813545.5 | 0.62979m(05121724) 0.40186m(05121724)
0.14940 (05120424) 0.12882m(05121724)
0.39774m(05121724)
3813470.5 | 0.53977m(05121724) 0.17191m(05121724)
0.32966m(05121724) 0.28097m(05121724) 0.21388
(05112224)
3813395.5 | 0.71708 (05112224) 0.57943 (05112224)
0.98909 (05112224) 0.90941 (05112224) 0.75298
(05112224)
3813320.5 | 1.08333 (05112224) 1.04474 (05112224)
1.24024 (05112224) 1.19797 (05112224) 0.69601
(05112224)
3813245.5 | 1.16103 (05112224) 1.16563 (05112224)
0.89381 (05112224) 0.50223 (05112224) 0.14560
(05020124)
3813170.5 | 0.79517 (05112224) 0.57449 (05112224)
0.21167 (05123024) 0.13733 (05020124) 0.14344
(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 | 0.17197 (05110924) 0.15716 (05052724)
0.15381 (05122624) 0.22114 (05122624) 0.27733
(05122624)
3816020.5 | 0.18868 (05110924) 0.19114 (05110924)
0.15121 (05052724) 0.22744 (05122624) 0.25892
(05122624)
3815945.5 | 0.20075 (05110924) 0.21951 (05110924)
0.17975 (05110924) 0.19772 (05122624) 0.27521
(05122624)
3815870.5 | 0.25393 (05031524) 0.24056 (05110924)
0.22350 (05110924) 0.20948 (05052724) 0.24785
(05122624)
3815795.5 | 0.26948 (05031524) 0.25663 (05031524)
0.25569 (05110924) 0.24053 (05110924) 0.22547
(05052724)
3815720.5 | 0.32460m(05051624) 0.27689 (05031524)
0.27380 (05110924) 0.27419 (05110924) 0.24417
(05110924)
3815645.5 | 0.39368m(05051624) 0.32997m(05051624)
0.28334 (05031524) 0.29205 (05110924) 0.27813
(05110924)
3815570.5 | 0.48051m(05051624) 0.41152m(05051624)

0.28125m(05051624) 0.28250 (05031524) 0.28332
(05110924)
3815495.5 | 0.42383m(05051624) 0.37349m(05051624)
0.28039m(05051624) 0.24029 (05110924) 0.27060
(05110924)
3815420.5 | 0.47020m(05010924) 0.35571 (05010424)
0.29921 (05010424) 0.32887m(05051624) 0.29394
(05031524)
3815345.5 | 0.46809m(05010924) 0.41696m(05010924)
0.42097 (05010424) 0.36427m(05051624)
0.28972m(05051624)
3815270.5 | 0.52823 (05070724) 0.43448m(05010924)
0.36908m(05010924) 0.34238 (05010424) 0.36633
(05010424)
3815195.5 | 0.87026 (05070724) 0.54877 (05070724)
0.40918m(05010924) 0.36056m(05010924) 0.45652
(05010424)
3815120.5 | 1.16393 (05070724) 0.86725 (05070724)
0.57551 (05022024) 0.42756m(05010924)
0.57287m(05010924)
3815045.5 | 1.32059 (05100224) 1.19422 (05070724)
0.98344 (05070724) 0.63649 (05022024) 0.63099
(05022024)
3814970.5 | 1.27929 (05063024) 1.54047 (05100224)
1.10205 (05022024) 0.82894 (05022024) 0.76557
(05022024)
3814895.5 | 0.95403 (05063024) 1.88333 (05063024)
1.81935 (05063024) 1.28359 (05022024) 1.10554
(05022024)
3814820.5 | 0.94731 (05070624) 1.95096 (05121324)
1.95990 (05100224) 1.35011 (05063024) 1.89140
(05100224)
3814745.5 | 1.08599 (05070624) 2.02544 (05031124)
2.21440 (05031124) 2.10577 (05121324) 2.35996
(05100224)
3814670.5 | 1.92013m(05031024) 2.58678m(05031024)
2.89428m(05031024) 2.74046 (05031124) 2.83521
(05031124)
3814595.5 | 2.58794 (05062224) 2.77077m(05031024)
3.03637m(05031024) 2.74268m(05031024)
2.90552m(05031024)
3814520.5 | 2.49723 (05062224) 2.70540 (05062224)
2.91874 (05062224) 1.89769 (05062224)
1.13785m(05031024)
3814445.5 | 2.17890 (05062224) 2.53490 (05062224)
2.86146 (05062224) 2.96488 (05062224) 3.00392
(05062224)
3814370.5 | 1.96735 (05110624) 2.24384 (05091924)
2.59683 (05091924) 2.91663 (05091924) 3.21324
(05091924)
3814295.5 | 1.58480 (05091924) 1.83117 (05091924)
2.15692 (05091924) 2.47608 (05091924) 2.85927

(05091924)
3814220.5 | 1.21077 (05122324) 1.64520 (05122324)
1.96972 (05122324) 2.24543 (05123024) 2.58874
(05123024)
3814145.5 | 0.85124 (05122324) 1.41359 (05012124)
1.77527 (05123024) 2.13195 (05123024) 2.55429
(05123024)
3814070.5 | 0.85306 (05021924) 1.18985 (05021924)
1.20518 (05021924) 1.70070 (05123024) 2.25700
(05123024)
3813995.5 | 0.53829 (05021924) 0.62821 (05021924)
0.79579 (05021924) 1.28787m(05061924)
1.50199m(05111324)
3813920.5 | 0.22750 (05120424) 0.25397 (05120424)
0.31043 (05120424) 0.76966m(05111324)
1.26958m(05111324)
3813845.5 | 0.24990 (05120424) 0.28464 (05120424)
0.32026 (05120424) 0.38188 (05120424) 1.15381
(05010624)
3813770.5 | 0.28482 (05120424) 0.29396 (05120424)
0.29940 (05120424) 0.34101m(05121724) 1.40199
(05112224)
3813695.5 | 0.27645 (05120424) 0.38802m(05121724)
0.52177m(05121724) 1.28036 (05112224) 1.16116
(05112224)
3813620.5 | 0.61708m(05121724) 0.82867 (05112224)
1.29955 (05112224) 1.39516 (05112224) 1.49886
(05112224)
3813545.5 | 0.65304 (05112224) 0.54510 (05112224)
1.25712 (05112224) 1.00474 (05112224) 0.66132
(05112224)
3813470.5 | 0.15757 (05032124) 0.16227 (05032124)
0.80162 (05112224) 0.44637 (05112224) 0.22052
(05020124)
3813395.5 | 0.15358 (05032124) 0.15697 (05020124)
0.29650 (05123024) 0.20020 (05020124) 0.20111
(05020124)
3813320.5 | 0.44604 (05112224) 0.16833 (05020124)
0.17529 (05020124) 0.18114 (05020124) 0.15907
(05020124)
3813245.5 | 0.15516 (05020124) 0.15430 (05020124)
0.15750 (05120324) 0.14886 (05120324) 0.15300
(05020124)
3813170.5 | 0.15215 (05120324) 0.15274 (05120324)
0.13839 (05120324) 0.12676 (05020124) 0.13648
(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 | 0.26197 (05122624) 0.28962 (05122624)
0.21373 (05122624) 0.17111 (05122624) 0.12971
(05111724)
3816020.5 | 0.27012 (05122624) 0.35636 (05122624)
0.26971 (05122624) 0.23487 (05122624) 0.14482
(05011224)
3815945.5 | 0.34379 (05122624) 0.38904 (05122624)
0.30862 (05122624) 0.29993 (05122624) 0.17813
(05122624)
3815870.5 | 0.33489 (05122624) 0.39556 (05122624)
0.40312 (05122624) 0.36523 (05122624) 0.26486
(05122624)
3815795.5 | 0.30296 (05122624) 0.40200 (05122624)
0.44813 (05122624) 0.42726 (05122624) 0.34082
(05122624)
3815720.5 | 0.26761 (05122624) 0.39162 (05122624)
0.46602 (05122624) 0.47631 (05122624) 0.41589
(05122624)
3815645.5 | 0.24262 (05052724) 0.34384 (05122624)
0.46172 (05122624) 0.51156 (05122624) 0.48215
(05122624)
3815570.5 | 0.27212 (05110924) 0.28756 (05122624)

0.43789 (05122624) 0.52173 (05122624) 0.50784
(05122624)
3815495.5 | 0.29802 (05110924) 0.28931 (05110924)
0.39173 (05122624) 0.49250 (05122624) 0.51755
(05122624)
3815420.5 | 0.31258 (05110924) 0.35626 (05110924)
0.40098 (05052724) 0.47087 (05122624) 0.56342
(05122624)
3815345.5 | 0.32156 (05110924) 0.40234 (05110924)
0.40640 (05110924) 0.37348 (05122624) 0.47494
(05122624)
3815270.5 | 0.36462m(05051624) 0.41458 (05110924)
0.46610 (05110924) 0.37661 (05110924) 0.46574
(05122624)
3815195.5 | 0.48375m(05051624) 0.67730m(05051624)
0.47222 (05110924) 0.46392 (05110924) 0.40644
(05122624)
3815120.5 | 0.63996m(05010924) 0.78140m(05051624)
0.59913m(05051624) 0.50153 (05110924) 0.44115
(05110924)
3815045.5 | 0.82568m(05010924) 0.78592m(05010924)
0.52378 (05010424) 0.52072 (05021824) 0.52908
(05110924)
3814970.5 | 1.42821 (05070724) 1.11129 (05071324)
0.88094m(05010924) 0.64471m(05051624) 0.52429
(05021824)
3814895.5 | 1.85248 (05070724) 1.19979 (05070724)
0.79567 (05022024) 0.66640 (05010424) 0.63757
(05010424)
3814820.5 | 2.42711 (05070724) 1.83662 (05070724)
1.18262 (05022024) 1.21498 (05022024) 1.04053
(05022024)
3814745.5 | 2.55828 (05100224) 1.35393 (05022024)
1.86739 (05070724) 1.63038 (05070724) 1.51853
(05022024)
3814670.5 | 2.25801 (05121324) 1.81979 (05063024)
2.46981 (05100224) 3.22191 (05070724) 2.95662
(05070724)
3814595.5 | 1.43502 (05070624) 1.93621 (05070624)
3.55609m(05031024) 4.35923 (05100224) 4.09791
(05063024)
3814520.5 | 1.58373m(05031024) 2.44413m(05031024)
4.36890m(05031024) 5.08776m(05031024)
4.46834m(05031024)
3814445.5 | 3.50172 (05062224) 3.40552 (05062224)
3.83800m(05031024) 5.78705m(05031024)
5.86174m(05031024)
3814370.5 | 3.82996 (05062224) 4.58442 (05062224)
5.06872 (05062224) 5.70753 (05062224)
4.78596m(05031024)
3814295.5 | 3.31796 (05091924) 3.81413 (05091924)
4.40415 (05091924) 5.04938 (05091924) 5.90457

(05091924)
3814220.5 | 2.91114 (05123024) 3.25434 (05123024)
3.56227 (05122324) 4.10532 (05122324) 4.81169
(05122324)
3814145.5 | 2.92180 (05123024) 3.12759 (05123024)
3.51026 (05123024) 3.95935 (05123024) 4.50440
(05123024)
3814070.5 | 2.49624 (05123024) 2.75557 (05123024)
3.01147 (05123024) 3.34371 (05123024) 3.73194
(05123024)
3813995.5 | 1.54627m(05111324) 2.06083m(05111324)
2.28102 (05123024) 2.48220 (05123024) 2.74212
(05123024)
3813920.5 | 1.90751m(05111324) 2.00982m(05111324)
1.98033m(05111324) 2.43805 (05112224) 3.09535
(05112224)
3813845.5 | 1.38812 (05010624) 1.80807 (05112224)
1.61370 (05112224) 1.99963 (05112224) 2.49630
(05112224)
3813770.5 | 0.48090m(05121724) 0.39017m(05121724)
0.86032 (05112224) 0.89864 (05112224) 2.69548
(05112224)
3813695.5 | 0.42193 (05112224) 0.16890 (05020124)
0.25290 (05020124) 0.67342 (05112224) 2.16012
(05112224)
3813620.5 | 0.34864 (05112224) 0.23698 (05020124)
0.26284 (05020124) 0.32075 (05020124) 0.38654
(05020124)
3813545.5 | 0.76492 (05112224) 0.31084 (05123024)
0.27957 (05020124) 0.44704 (05012024) 0.99421
(05010224)
3813470.5 | 0.29508 (05123024) 0.28354 (05082724)
0.24924 (05020124) 0.27465 (05020124) 0.75927
(05010224)
3813395.5 | 0.19445 (05020124) 0.22208 (05020124)
0.22604 (05020124) 0.57850 (05010224) 0.40910
(05010224)
3813320.5 | 0.16723 (05020124) 0.17918 (05020124)
0.20626 (05010224) 0.97941 (05010224) 1.07049
(05010224)
3813245.5 | 0.17018 (05020124) 0.56865 (05010224)
0.53626 (05010224) 0.57534 (05010224) 0.47427
(05020524)
3813170.5 | 0.31120 (05010224) 0.66941 (05010224)
0.94733 (05010224) 0.70039 (05020524) 0.93691
(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 | 0.15415 (05111724) 0.22378 (05111724)
0.15894 (05111724) 0.14559 (05091124) 0.14841
(05042124)
3816020.5 | 0.21703 (05111724) 0.23425 (05111724)
0.17333 (05111724) 0.18498 (05091124) 0.19457
(05042124)
3815945.5 | 0.21019 (05111724) 0.24177 (05111724)
0.22637 (05111724) 0.21728 (05091124) 0.24231
(05081224)
3815870.5 | 0.20919 (05011224) 0.24515 (05111724)
0.24594 (05111724) 0.23080 (05091124) 0.26342
(05091124)
3815795.5 | 0.23429 (05011224) 0.24237 (05111724)
0.25889 (05111724) 0.30082 (05091124) 0.29919
(05091124)
3815720.5 | 0.30532 (05122624) 0.23761 (05111724)
0.26931 (05111724) 0.28572 (05091124) 0.24019
(05091124)
3815645.5 | 0.36979 (05122624) 0.24398 (05011224)
0.27313 (05111724) 0.26979 (05111724) 0.23363
(05091124)
3815570.5 | 0.39709 (05122624) 0.27028 (05122624)

0.26996 (05111724) 0.28667 (05111724) 0.25020
(05091124)
3815495.5 | 0.46801 (05122624) 0.35647 (05122624)
0.20118 (05111724) 0.29772 (05111724) 0.27123
(05111724)
3815420.5 | 0.54993 (05122624) 0.44632 (05122624)
0.26519 (05122624) 0.26571 (05111724) 0.25717
(05111724)
3815345.5 | 0.54898 (05122624) 0.40946 (05122624)
0.30076 (05122624) 0.23576 (05111724) 0.24899
(05111724)
3815270.5 | 0.56269 (05122624) 0.46992 (05122624)
0.46786 (05122624) 0.25365 (05122624) 0.30204
(05111724)
3815195.5 | 0.53885 (05122624) 0.55954 (05122624)
0.60519 (05122624) 0.42932 (05122624) 0.32463
(05111724)
3815120.5 | 0.48351 (05122624) 0.66247 (05122624)
0.74445 (05122624) 0.58917 (05122624) 0.37973
(05111724)
3815045.5 | 0.49183 (05110924) 0.69653 (05122624)
0.87281 (05122624) 0.75009 (05122624) 0.46641
(05122624)
3814970.5 | 0.61753 (05110924) 0.71283 (05122624)
0.93867 (05122624) 0.80026 (05122624) 0.61311
(05122624)
3814895.5 | 0.75558 (05021824) 0.84903 (05021824)
0.85497 (05122624) 0.95446 (05122624) 0.86501
(05122624)
3814820.5 | 0.99735m(05010924) 1.08222 (05022124)
0.89516 (05021824) 0.99986 (05122624) 1.08812
(05122624)
3814745.5 | 1.64271 (05022024) 1.36302 (05022024)
0.87766 (05021824) 0.93276 (05122624) 1.18880
(05122624)
3814670.5 | 3.04908 (05070724) 1.91765 (05022024)
1.18441 (05021824) 1.24378 (05021824) 1.67487
(05122624)
3814595.5 | 4.78883 (05070724) 3.35098 (05070724)
2.26569 (05022024) 1.86195 (05022024) 2.26195
(05071924)
3814520.5 | 5.42095 (05063024) 5.54727 (05063024)
2.63044 (05022024) 2.41997 (05022024) 4.28546
(05071924)
3814445.5 | 5.77961m(05031024) 3.08732 (05063024)
2.68863 (05070724) 3.09778 (05022024)
7.49280m(05030724)
3814370.5 | 2.86270m(05031024) 3.84442m(05031024)
3.96705m(05031024) 5.78028 (05063024) 12.05467
(05063024)
3814295.5 | 4.68925 (05062224) 5.67098m(05031024)
4.05785m(05031024) 9.49248m(05031024)

13.70774m(05031024)
3814220.5 | 5.77783 (05122324) 6.58368 (05122324) 5.45861 (05122324) 7.75222 (05122324)
13.70377m(05031024)
3814145.5 | 5.14443 (05123024) 6.15336 (05122324) 7.81408 (05122324) 9.84543 (05122324) 12.48600 (05122324)
3814070.5 | 4.24401 (05123024) 4.95988 (05123024) 6.06301 (05123024) 8.00039 (05123024) 10.87014 (05123024)
3813995.5 | 3.11899 (05123024) 3.99810 (05112224) 5.04144 (05112224) 6.29748 (05112224) 7.65464 (05112224)
3813920.5 | 3.80754 (05112224) 4.44835 (05112224) 5.12339 (05112224) 5.59717 (05112224) 6.62508 (05012624)
3813845.5 | 3.99170 (05112224) 4.26549 (05112224) 4.64317 (05012624) 5.41404 (05012624) 5.48460 (05012624)
3813770.5 | 3.53017 (05012624) 4.82080 (05012624) 5.38355 (05012624) 4.59754 (05012624) 3.82847 (05012624)
3813695.5 | 2.43665 (05012624) 4.51762 (05012624) 4.78210 (05012624) 3.33215 (05012624) 2.38175 (05012624)
3813620.5 | 2.46812 (05012624) 1.88265 (05012624) 2.68939 (05012624) 2.50095 (05012624) 2.45077 (05122324)
3813545.5 | 1.12269 (05010224) 0.36982 (05020124) 0.72460 (05020524) 1.17431 (05021024) 2.28211 (05122324)
3813470.5 | 0.61097 (05010224) 0.21390 (05020124) 0.26873 (05021024) 1.34481 (05122324) 2.14859 (05122324)
3813395.5 | 1.05679 (05010224) 0.86145 (05020524) 0.20252 (05062824) 0.76916 (05122324) 1.55771 (05122324)
3813320.5 | 1.15892 (05020524) 1.27676 (05021024) 0.94350 (05122324) 1.21500 (05122324) 1.19988 (05122324)
3813245.5 | 1.02203 (05021024) 1.32859 (05021024) 1.22947 (05122324) 1.60222 (05122324) 1.49608 (05012124)
3813170.5 | 1.19091 (05021024) 1.29008 (05122324) 1.33543 (05122324) 1.42123 (05122324) 1.32318 (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_10 IN
MICROGRAMS/M**3 **

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

3816095.5 | 0.17782 (05042124) 0.19562 (05102424)
0.18357 (05061124) 0.19299 (05081024) 0.19449
(05022524)
3816020.5 | 0.18710 (05042124) 0.23521 (05081224)
0.25698 (05061124) 0.25681 (05061124) 0.20310
(05081324)
3815945.5 | 0.25569 (05081224) 0.28698 (05081224)
0.32175 (05061124) 0.31406 (05061124) 0.32493
(05052824)
3815870.5 | 0.36959 (05081224) 0.39166 (05081224)
0.40444 (05061124) 0.37102 (05061124) 0.50915
(05102324)
3815795.5 | 0.39278 (05081224) 0.43987 (05081224)
0.46865 (05061124) 0.46318 (05102324) 0.72278
(05102324)
3815720.5 | 0.26282 (05081224) 0.47254 (05081224)
0.50910 (05061124) 0.55936 (05102324) 0.63740
(05102324)
3815645.5 | 0.36717 (05081224) 0.50837 (05081224)
0.45934 (05061124) 0.42309 (05061124) 0.67836
(05102324)
3815570.5 | 0.34123 (05081224) 0.38155 (05081224)

0.37372 (05061124) 0.43484 (05061124) 0.46125
(05081324)
3815495.5 | 0.26554 (05091124) 0.25122 (05081224)
0.33101 (05061124) 0.39878 (05061124) 0.35591
(05081324)
3815420.5 | 0.22087 (05091124) 0.28672 (05081224)
0.32299 (05061124) 0.32346 (05061124) 0.33094
(05081324)
3815345.5 | 0.21563 (05111724) 0.27638 (05081224)
0.28434 (05081224) 0.27832 (05061524) 0.29771
(05061524)
3815270.5 | 0.24909 (05111724) 0.27764 (05081224)
0.26135 (05081224) 0.27946 (05061524) 0.31144
(05061524)
3815195.5 | 0.30641 (05111724) 0.33278 (05081224)
0.32402 (05081224) 0.32235 (05061524) 0.39779
(05061524)
3815120.5 | 0.31723 (05111724) 0.38043 (05081224)
0.38418 (05081224) 0.37491 (05061524) 0.47578
(05061524)
3815045.5 | 0.42125 (05111724) 0.40158 (05081224)
0.51298 (05061124) 0.46969 (05061524) 0.57412
(05061524)
3814970.5 | 0.49557 (05111724) 0.44606 (05081224)
0.60099 (05061124) 0.60367 (05061524) 0.66602
(05061524)
3814895.5 | 0.64816 (05122624) 0.51007 (05081224)
0.72078 (05061124) 0.77587 (05061524) 0.68831
(05061524)
3814820.5 | 0.96956 (05122624) 0.66375 (05010824)
0.92647 (05061124) 0.87779 (05061524) 0.72448
(05061524)
3814745.5 | 1.26844 (05122624) 0.87784 (05010824)
1.25004 (05061124) 1.08968 (05061524) 1.05411
(05061524)
3814670.5 | 1.61698 (05122624) 1.37708m(05092424)
1.70524 (05061124) 1.62534 (05061524) 1.64197
(05061524)
3814595.5 | 2.77239m(05121724) 2.33113m(05092424)
2.30891 (05061124) 2.18333 (05061524) 2.07060
(05061524)
3814520.5 | 4.07776 (05100824) 4.82290m(05121724)
2.55222 (05061124) 1.91682 (05061524) 1.88504
(05061524)
3814445.5 | 9.62212 (05071924) 7.61338 (05100824)
4.03776m(05092424) 3.41483 (05061524) 2.59534
(05061524)
3814370.5 | 13.75823m(05030724) 6.31019 (05022024)
4.33855 (05052924) 5.03369 (05061524) 4.94304
(05102224)
3814295.5 | 9.88320 (05100224) 5.80361 (05022024)
4.20144 (05052924) 6.29634 (05102224) 3.77896

(05102224)
3814220.5 | 5.57691 (05071424) 3.18601 (05071024)
3.82267 (05052924) 7.02669 (05102224) 3.43301
(05102224)
3814145.5 | 11.08694 (05122324) 3.46592 (05070424)
5.21502 (05030824) 4.12436 (05111424) 3.24989
(05111424)
3814070.5 | 15.61552 (05123024) 14.19660 (05010124)
24.67845 (05011824) 10.87421 (05122024) 2.94376
(05112124)
3813995.5 | 9.22828 (05112224) 11.60979 (05011824)
29.66548 (05011824) 13.57173 (05122024) 14.84142
(05122024)
3813920.5 | 6.99598 (05012624) 7.12374 (05011824)
14.22656 (05011824) 24.91533 (05011824) 24.67551
(05011824)
3813845.5 | 4.74999 (05012624) 5.39232 (05011824)
9.13281 (05011824) 13.74153 (05011824) 17.45932
(05011824)
3813770.5 | 3.11008 (05122324) 4.39056 (05011824)
6.80570 (05011824) 9.28844 (05011824) 11.35620
(05011824)
3813695.5 | 2.71156 (05122324) 3.73534 (05011824)
5.41641 (05011824) 6.99993 (05011824) 8.12028
(05011824)
3813620.5 | 2.34734 (05122324) 3.28201 (05011824)
4.45811 (05011824) 5.48151 (05011824) 6.22426
(05011824)
3813545.5 | 2.17064 (05011824) 3.07511 (05011824)
3.81577 (05011824) 4.47204 (05011824) 4.95265
(05011824)
3813470.5 | 2.18012 (05011824) 3.03813 (05011824)
3.47905 (05011824) 3.76325 (05011824) 4.08164
(05011824)
3813395.5 | 1.68185 (05012124) 2.79577 (05011824)
3.19827 (05011824) 3.27449 (05011824) 3.49732
(05011824)
3813320.5 | 0.61207 (05120424) 1.53633 (05120424)
2.96976 (05011824) 3.19585 (05011824) 3.35408
(05011824)
3813245.5 | 1.76028 (05120424) 0.96657 (05120424)
1.26969 (05011824) 2.48309 (05011824) 3.08247
(05011824)
3813170.5 | 1.72982 (05011824) 1.84026 (05011824)
1.48757 (05011824) 1.12464 (05011824) 2.48647
(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 | 0.27632 (05081324) 0.28223m(05030724)
0.29576 (05031224) 0.21275 (05061524) 0.21378
(05061524)
3816020.5 | 0.28013 (05081324) 0.39472 (05031224)
0.47888 (05031224) 0.48742 (05031224) 0.42173
(05061524)
3815945.5 | 0.31943 (05081324) 0.59092 (05031224)
0.65970 (05031224) 0.74060 (05031224) 1.04335
(05020724)
3815870.5 | 0.53742 (05102324) 0.73321 (05031224)
0.97099 (05031224) 1.04348 (05031224) 1.58010
(05020724)
3815795.5 | 1.00250 (05102324) 1.23538 (05031224)
1.36591 (05031224) 1.34444 (05031224) 1.57553
(05020724)
3815720.5 | 0.80564 (05102324) 1.50981 (05031224)
1.80479 (05031224) 1.65766 (05020724) 1.79755
(05020724)
3815645.5 | 0.99753 (05102324) 1.52819 (05031224)
1.79422 (05031224) 1.97044 (05020724) 1.89693
(05020724)
3815570.5 | 0.82698 (05102324) 1.10425 (05031224)

0.96054 (05031224) 1.77158 (05020724) 1.70832
(05020724)
3815495.5 | 0.40369 (05081324) 0.61273 (05031224)
0.46966 (05061524) 0.75558 (05061524)
1.10140m(05050524)
3815420.5 | 0.40069 (05061524) 0.45898 (05061524)
0.39219 (05061524) 0.63985 (05061524)
0.73871m(05050524)
3815345.5 | 0.38547 (05061524) 0.38467 (05061524)
0.33990 (05061524) 0.39683 (05061524)
0.54016m(05050524)
3815270.5 | 0.33955 (05061524) 0.31401 (05061524)
0.40103 (05061524) 0.44835 (05061524) 0.45015
(05061524)
3815195.5 | 0.40725 (05061524) 0.30864 (05060524)
0.29197 (05061524) 0.33222 (05061524) 0.33569
(05102224)
3815120.5 | 0.45224 (05061524) 0.33930 (05061524)
0.35906 (05061524) 0.26196 (05102224) 0.33537
(05110224)
3815045.5 | 0.50591 (05061524) 0.38991 (05061524)
0.32900 (05061524) 0.38825 (05102224) 0.46312
(05110224)
3814970.5 | 0.60827 (05061524) 0.37993 (05061624)
0.37103 (05061524) 0.40914 (05102224) 0.58562
(05110224)
3814895.5 | 0.46452 (05060524) 0.39346 (05061624)
0.39108 (05102224) 0.54671 (05110224) 0.67126
(05110224)
3814820.5 | 0.56624 (05061524) 0.49252 (05061624)
0.50255 (05110224) 0.66524 (05110224) 0.69025
(05110224)
3814745.5 | 0.89199 (05061524) 0.67623 (05102224)
0.64457 (05110224) 0.72644 (05110224) 0.62191
(05110224)
3814670.5 | 1.28784 (05061524) 0.93007 (05102224)
0.84692 (05102224) 0.69922 (05110224) 0.63287
(05101424)
3814595.5 | 1.51105 (05061524) 1.11719 (05102224)
0.85889 (05102224) 0.73024 (05101424) 0.72001
(05101424)
3814520.5 | 1.35139 (05102224) 1.16450 (05102224)
0.92266 (05101424) 0.77222 (05101424) 0.68393
(05101424)
3814445.5 | 2.28455 (05102224) 1.22482 (05101424)
1.01905 (05101424) 1.06666 (05111424) 1.26568
(05111424)
3814370.5 | 3.27574 (05060524) 1.91851 (05111424)
1.65567 (05111424) 1.71577 (05111424) 1.95612
(05111424)
3814295.5 | 4.57399 (05060524) 2.53186 (05111424)
1.90662 (05111424) 1.94600 (05111424) 3.36758

(05101824)
3814220.5 | 6.94674 (05101824) 2.91980 (05112324)
2.06207 (05112324) 1.61467 (05112324) 4.07885
(05021424)
3814145.5 | 13.59426 (05021424) 13.16873 (05021424)
2.55857 (05011124) 2.93947 (05011124) 2.13706
(05011124)
3814070.5 | 8.02508 (05112124) 16.76401 (05011324)
3.12970 (05011124) 2.69360 (05011124) 2.41815
(05011124)
3813995.5 | 40.13072 (05112024) 14.74066 (05112024)
14.03273 (05111824) 10.07274 (05103124) 1.76340
(05011124)
3813920.5 | 35.11497 (05112024) 29.18896 (05112024)
15.55864 (05112024) 1.93957 (05112024) 1.73492
(05103124)
3813845.5 | 22.45340 (05122024) 25.78113 (05112024)
11.46064 (05112024) 8.95661 (05112024) 18.77616
(05120524)
3813770.5 | 13.88680 (05122024) 17.40098 (05122024)
16.53406 (05112024) 19.51315 (05112024) 14.78689
(05112024)
3813695.5 | 9.30246 (05013124) 13.95040 (05122024)
13.80634 (05122024) 15.09200 (05112024) 15.38501
(05112024)
3813620.5 | 7.35636 (05013124) 8.78550 (05013124)
10.52095 (05122024) 11.09623 (05122024) 12.30753
(05012324)
3813545.5 | 5.36877 (05013124) 6.89474 (05013124)
7.91259 (05122024) 8.87597 (05122024) 8.47554
(05012324)
3813470.5 | 4.26723 (05011824) 5.45603 (05013124)
6.32471 (05013124) 7.21840 (05122024) 7.47212
(05122024)
3813395.5 | 3.64332 (05011824) 4.31700 (05013124)
5.28245 (05013124) 5.78555 (05122024) 6.45275
(05122024)
3813320.5 | 3.20119 (05011824) 3.41587 (05013124)
4.35464 (05013124) 4.85284 (05013124) 5.41499
(05122024)
3813245.5 | 3.06060 (05011824) 2.95187 (05011824)
3.58248 (05013124) 4.16774 (05013124) 4.45627
(05122024)
3813170.5 | 2.93664 (05011824) 2.71945 (05011824)
3.02272 (05013124) 3.58741 (05013124) 3.89457
(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 | 0.39040 (05061524) 0.25102m(05050524)
0.29325m(05050524) 0.16097 (05061524) 0.25572
(05012624)
3816020.5 | 0.41248 (05061524) 0.52761m(05050524)
0.50160m(05050524) 0.37430 (05012624) 0.44692
(05102224)
3815945.5 | 1.24538 (05020724) 0.80243 (05060224)
0.88863m(05050524) 0.73441 (05012624) 1.27184
(05081524)
3815870.5 | 1.58902 (05020724) 1.17952 (05102824)
1.29698 (05102824) 0.96992 (05081524) 2.06276
(05102824)
3815795.5 | 1.55976 (05020724) 2.03243 (05102824)
1.81790 (05102824) 2.09769 (05102824) 2.52695
(05102824)
3815720.5 | 2.01851 (05102824) 3.06129 (05102824)
3.19288 (05102824) 1.72624 (05102824) 2.91447
(05102824)
3815645.5 | 2.61142 (05102824) 3.74837 (05102824)
4.16882 (05102824) 3.66629 (05102824) 3.05265
(05102824)
3815570.5 | 1.57535m(05050524) 3.20600 (05102824)

4.19846 (05102824) 3.25587 (05102824) 2.90779
(05092124)
3815495.5 | 0.57566m(05050524) 1.30927 (05102224)
1.86306 (05102224) 2.49734 (05092124) 2.79645
(05092124)
3815420.5 | 1.00298m(05050524) 1.63014 (05102224)
1.85045 (05102224) 2.23316 (05092124) 2.99242
(05061824)
3815345.5 | 0.84009 (05102224) 1.05226 (05102224)
1.16240 (05102224) 2.10806 (05120724) 1.80226
(05051224)
3815270.5 | 0.47934 (05102224) 0.44153 (05110224)
0.55959 (05110224) 0.76725 (05110224) 0.48991
(05110224)
3815195.5 | 0.39253 (05110224) 0.54190 (05110224)
0.60029 (05110224) 0.53975 (05110224) 0.39883
(05110224)
3815120.5 | 0.50957 (05110224) 0.61191 (05110224)
0.58732 (05110224) 0.45541 (05110224) 0.33982
(05101424)
3815045.5 | 0.60743 (05110224) 0.62853 (05110224)
0.51643 (05110224) 0.35421 (05101424) 0.34547
(05101424)
3814970.5 | 0.65805 (05110224) 0.57913 (05110224)
0.40168 (05110224) 0.38502 (05101424) 0.32905
(05101424)
3814895.5 | 0.63885 (05110224) 0.47029 (05110224)
0.44074 (05101424) 0.40540 (05120324) 0.42173
(05120324)
3814820.5 | 0.54454 (05110224) 0.51241 (05101424)
0.58248 (05120324) 0.88877 (05120324) 1.52421
(05120324)
3814745.5 | 0.51856 (05101424) 0.48870 (05101424)
0.39726 (05101424) 0.38529 (05103124) 0.39361
(05103124)
3814670.5 | 0.59432 (05101424) 0.45606 (05101424)
0.42218 (05103124) 0.63267 (05120324) 0.96721
(05120324)
3814595.5 | 0.63242 (05120324) 0.85952 (05120324)
0.75990 (05111424) 1.11666 (05111424) 4.33504
(05102824)
3814520.5 | 1.49716 (05120324) 2.33635 (05120324)
2.66762 (05102824) 1.55466 (05111424) 5.84303
(05102824)
3814445.5 | 1.36604 (05111424) 1.64091 (05111424)
4.16839 (05102824) 4.55348 (05102824) 7.23329
(05102824)
3814370.5 | 1.74562 (05111424) 1.18903 (05111424)
1.19005 (05111424) 3.25953 (05121824) 2.23844
(05101824)
3814295.5 | 5.95670 (05102924) 4.44432 (05101824)
2.89564 (05101824) 3.26751 (05101824) 2.90401

(05101824)
3814220.5 | 9.19527 (05021424) 12.68633 (05021424)
10.80649 (05021424) 7.19459 (05021424) 1.27978
(05010524)
3814145.5 | 10.55403 (05021424) 18.97684 (05021424)
15.64336 (05021424) 10.44181 (05021424) 12.56667
(05021424)
3814070.5 | 21.79209m(05103024) 20.28058m(05103024)
15.22484 (05021424) 14.41020 (05021424) 13.48659
(05021424)
3813995.5 | 21.18712m(05103024) 20.40145m(05103024)
17.14002m(05103024) 12.87051m(05103024) 10.49792
(05021424)
3813920.5 | 9.16503 (05103124) 7.60606 (05103124)
15.88059m(05103024) 13.64945m(05103024)
10.80226m(05103024)
3813845.5 | 5.39021 (05103124) 7.96045 (05103124)
11.13408 (05103124) 6.44872 (05103124)
12.62152m(05103024)
3813770.5 | 16.38056 (05120524) 14.49989 (05120524)
12.85850 (05103124) 7.26092 (05103124) 7.24813
(05103124)
3813695.5 | 13.26858 (05112024) 12.71355 (05120524)
8.08640 (05120524) 10.53542 (05103124) 10.59236
(05103124)
3813620.5 | 10.96088 (05112024) 10.84123 (05112024)
10.39829 (05112024) 10.22893 (05120524) 9.01288
(05120524)
3813545.5 | 9.43373 (05012324) 10.03666 (05012324)
8.60116 (05112024) 7.93572 (05112024) 7.83563
(05120524)
3813470.5 | 7.59856 (05012324) 8.07519 (05012324)
8.97093 (05012324) 7.92176 (05112224) 7.09266
(05112024)
3813395.5 | 6.36802 (05122024) 6.77879 (05012324)
7.27840 (05012324) 8.21338 (05012324) 6.84924
(05012324)
3813320.5 | 5.72722 (05122024) 5.45190 (05122024)
6.18730 (05012324) 7.07766 (05012324) 6.16120
(05012324)
3813245.5 | 5.02137 (05122024) 5.07129 (05122024)
5.02319 (05012324) 5.59576 (05012324) 6.55115
(05012324)
3813170.5 | 4.28469 (05122024) 4.59436 (05122024)
4.45068 (05122024) 4.68580 (05012324) 5.29844
(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 | 1.01470 (05102224) 0.61567 (05102224)
0.40259 (05102224) 0.35827 (05102224) 0.74830
(05120724)
3816020.5 | 0.75691 (05102224) 1.19714 (05102224)
0.55613 (05102224) 1.07111 (05120724) 1.45838
(05120724)
3815945.5 | 1.12759 (05102224) 1.48598 (05092124)
0.95104 (05120724) 1.51256 (05120724) 1.99496
(05061824)
3815870.5 | 1.36999 (05102224) 1.68091 (05092124)
1.50903 (05120724) 2.09446 (05061824) 2.12638
(05061824)
3815795.5 | 2.49033 (05092124) 2.05220 (05092124)
2.14876 (05061824) 1.95718 (05061824) 2.04570
(05061824)
3815720.5 | 2.61788 (05092124) 2.29692 (05061824)
2.35628 (05061824) 2.22060 (05061824) 1.92740
(05061824)
3815645.5 | 2.55375 (05092124) 2.48553 (05061824)
2.48498 (05061824) 2.06414 (05061824)
1.60736m(05042524)
3815570.5 | 2.49126 (05061824) 2.44021 (05061824)

2.30465 (05061824) 1.86839 (05061824)
2.10214m(05042524)
3815495.5 | 2.88094 (05061824) 2.50011 (05061824)
1.93890 (05061824) 1.97853m(05042524) 2.08135
(05062024)
3815420.5 | 3.00175 (05061824) 2.47881 (05061824)
2.12685m(05042524) 2.20834 (05062024) 2.60389
(05062024)
3815345.5 | 2.87455 (05061824) 2.61216m(05042524)
2.84266 (05062024) 3.00917 (05062024) 3.15171
(05062024)
3815270.5 | 1.47459 (05051224) 2.89890m(05042524)
2.40659m(05042524) 4.23936 (05062024) 3.57692
(05062024)
3815195.5 | 1.00596 (05102724) 1.42547 (05102724)
1.89258 (05102724) 2.73199 (05062024) 4.49822
(05062024)
3815120.5 | 0.40047 (05102224) 0.45572 (05120324)
0.46187 (05120324) 0.56288 (05120324) 1.70525
(05062024)
3815045.5 | 0.30005 (05101424) 0.37340 (05120324)
0.54057 (05120324) 1.37182 (05120224) 1.31158
(05120224)
3814970.5 | 0.43804 (05120324) 0.41807 (05120324)
0.34608 (05120324) 0.51309 (05120324) 1.21977
(05120324)
3814895.5 | 0.72455 (05120324) 1.27542 (05120324)
0.62671 (05120324) 1.05513 (05120324) 1.69326
(05102824)
3814820.5 | 1.91774 (05120324) 2.38113 (05102824)
1.56053 (05102824) 1.23488 (05102824) 3.12264
(05102824)
3814745.5 | 1.60906 (05120324) 3.58311 (05102824)
4.15444 (05102824) 3.15675 (05102824) 1.78177
(05102824)
3814670.5 | 0.99088 (05111424) 3.37669 (05102824)
3.12337 (05102824) 4.18029 (05102824) 4.74401
(05102824)
3814595.5 | 3.33079 (05102824) 4.75526 (05102824)
3.51665 (05102824) 2.83232 (05021324) 4.82903
(05010124)
3814520.5 | 7.44255 (05102824) 6.39435 (05102824)
5.67396 (05102824) 5.64252 (05010124) 3.24062
(05110224)
3814445.5 | 3.66533 (05110224) 3.37696 (05110224)
6.18174 (05010124) 4.54160 (05110224) 5.33207
(05012724)
3814370.5 | 7.48519 (05110224) 7.82513 (05012724)
7.43335 (05012724) 5.55130 (05012724) 5.67963
(05012724)
3814295.5 | 7.84806 (05110224) 8.45867 (05110224)
6.28758 (05110224) 5.75369 (05012724) 5.50870

(05012724)
3814220.5 | 2.11792 (05010524) 9.18308 (05110224)
7.86456 (05110224) 5.93775 (05110224) 5.39165
(05110224)
3814145.5 | 5.30314 (05021424) 6.53589 (05021424)
8.03123 (05021424) 7.56700 (05021424) 5.61118
(05021424)
3814070.5 | 12.20652 (05021424) 11.19812 (05021424)
7.96195 (05021424) 9.12886 (05021424) 6.95663
(05021424)
3813995.5 | 10.60663 (05021424) 9.08399 (05021424)
8.47902 (05021424) 8.75255 (05021424) 7.80502
(05021424)
3813920.5 | 9.07638m(05103024) 8.01439 (05102924)
7.29620 (05102924) 6.69467 (05021424) 6.43842
(05021424)
3813845.5 | 10.54318m(05103024) 8.51084m(05103024)
7.39727m(05103024) 6.36880m(05103024) 5.91615
(05102924)
3813770.5 | 10.96896m(05103024) 10.23763m(05103024)
8.81480m(05103024) 7.02631m(05103024)
6.15705m(05103024)
3813695.5 | 8.18409m(05103024) 7.91870m(05103024)
7.55023m(05103024) 6.97766m(05103024)
6.43913m(05103024)
3813620.5 | 7.11952 (05103124) 6.55140 (05103124)
6.37288m(05103024) 6.34881m(05103024)
6.16488m(05103024)
3813545.5 | 6.35794 (05120524) 6.00117 (05103124)
5.74160 (05103124) 5.36636 (05103124)
5.34066m(05103024)
3813470.5 | 5.97288 (05112224) 5.41029 (05120524)
5.14500 (05120524) 5.03963 (05103124) 4.81840
(05103124)
3813395.5 | 5.65487 (05112224) 5.11773 (05112224)
4.69114 (05120524) 4.53326 (05120524) 4.42643
(05103124)
3813320.5 | 5.06023 (05012324) 4.79590 (05112224)
4.60653 (05112224) 4.22381 (05112224) 4.00981
(05120524)
3813245.5 | 5.12454 (05012324) 4.27133 (05012324)
4.27077 (05112224) 4.16869 (05112224) 3.88746
(05112224)
3813170.5 | 5.11443 (05012324) 4.48408 (05012324)
3.83422 (05012324) 3.83113 (05112224) 3.79304
(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)
350508.88	3814829.88	0.50714	(05102224)
350283.70	3815266.49	0.44888	(05061524)
350539.82	3814604.70	0.63499	(05111424)
350467.63	3814245.45	8.80650	(05021424)
350008.68	3813941.20	37.55832	(05011824)
350147.91	3813936.04	32.54334	(05112024)
350557.01	3814453.44	4.26886	(05102824)
349200.78	3815251.02	0.41494	(05122624)
349173.28	3815257.89	0.34902	(05110924)
348862.58	3814174.11	2.70561	(05123024)
348862.58	3815183.55	0.49573	(05010424)
350494.71	3815179.68	0.55923	(05110224)
350486.97	3814363.62	1.19034	(05111424)
350216.24	3814363.62	1.69109	(05111424)
350216.24	3814193.45	1.94637	(05112324)
349991.92	3813969.12	27.70042	(05122024)
349794.67	3813961.39	16.00344	(05011824)
349597.42	3814065.81	10.77892	(05123024)
349121.71	3814085.15	3.37748	(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 10.66460 AT (349820.28,
3814070.46, 376.60, 524.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 8.90683 AT (350045.28,
3813995.46, 379.10, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 6.83891 AT (350008.68,
3813941.20, 374.50, 524.00, 0.00) DC
4TH HIGHEST VALUE IS 6.25791 AT (350147.91,
3813936.04, 378.90, 520.00, 0.00) DC
5TH HIGHEST VALUE IS 6.17818 AT (350045.28,
3813920.46, 370.90, 524.00, 0.00) GC UCART1
6TH HIGHEST VALUE IS 6.03291 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 5.55413 AT (349595.28,
3814295.46, 383.90, 524.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 5.54660 AT (349991.92,
3813969.12, 381.07, 520.00, 0.00) DC
9TH HIGHEST VALUE IS 5.31529 AT (349820.28,
3813995.46, 367.70, 524.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 5.21987 AT (350120.28,
3814070.46, 390.30, 520.00, 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 40.13072 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
                                   ***
***        14:42:42

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\IDAltNOx\IDAltCO\IDAltPM10\IDAltPM25\IDAltPM2
5\IDAltPM25.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 IDAltPM25.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            0.0652     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        4.8011E-07     3.000   316.240   314.170
0.000
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED IDAltPM25.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 IDALTPM25.AD\24H1GALL.PLT 31
   PLOTFILE PERIOD ALL IDALTPM25.AD\PE00GALL.PLT 32
   SUMMFILE IDAltPM25.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: IDAltPM25.err
**File for Summary of Results: IDAltPM25.sum

**MODELOPTs: RegDFAULT CONC
ELEV

*** VOLUME
SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	RELEASE SOURCE BY	INIT. SCALAR	INIT. VARY	URBAN BASE EMISSION RATE
VOL1	0	0.65200E-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 | X-
COORD (METERS)
(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
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3815045.46 | 524.00 609.00 609.00
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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
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
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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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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
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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
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
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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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3813695.46 | 520.00 520.00 524.00
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3813620.46 | 520.00 520.00 520.00
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3813545.46 | 432.00 520.00 520.00
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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 | X-
COORD (METERS)
(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
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3815795.46 | 609.00 609.00 609.00
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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
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3815495.46 | 579.00 609.00 609.00
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609.00
3815420.46 | 524.00 609.00 609.00
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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
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3814895.46 | 520.00 520.00 520.00
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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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3814595.46 | 520.00 520.00 520.00
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3814520.46 | 520.00 520.00 520.00
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3814445.46 | 520.00 520.00 520.00
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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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3814145.46 | 520.00 520.00 520.00
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3814070.46 | 520.00 520.00 520.00
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3813995.46 | 520.00 520.00 520.00
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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
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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
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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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3814595.46 | 520.00 520.00 520.00
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3814520.46 | 524.00 520.00 520.00
520.00
3814445.46 | 520.00 520.00 520.00
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3814370.46 | 520.00 520.00 520.00
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3814295.46 | 520.00 520.00 520.00
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3814220.46 | 520.00 520.00 520.00
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3814145.46 | 520.00 520.00 520.00
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3814070.46 | 520.00 520.00 520.00
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3813995.46 | 520.00 520.00 520.00
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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
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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
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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	0.01788	0.02107	0.02077	0.01826	0.01622	0.01658	0.01673	0.01530	0.01622
3816020.46	0.02223	0.02376	0.02233	0.01803	0.01766	0.01766	0.01965	0.01702	0.01801
3815945.46	0.02610	0.02616	0.02346	0.01897	0.02060	0.01900	0.02213	0.01892	0.02052
3815870.46	0.03118	0.03045	0.02792	0.02549	0.02396	0.02275	0.02511	0.02281	0.02283
3815795.46	0.03384	0.03440	0.03345	0.03160	0.02670	0.03054	0.02997	0.02702	0.02617
3815720.46	0.03999	0.03841	0.03542	0.02798	0.02708	0.03817	0.03429	0.03153	0.03013
3815645.46	0.04393	0.04458	0.04030	0.03077	0.03131	0.04359	0.04013	0.03906	0.03296

3815570.46 | 0.04276 0.05219 0.04696
0.03278 0.03566 0.05848 0.04695 0.03439
0.02942
3815495.46 | 0.04502 0.05941 0.05090
0.03294 0.05223 0.05977 0.04300 0.03183
0.02844
3815420.46 | 0.06330 0.06861 0.05226
0.03587 0.06905 0.06536 0.04093 0.03337
0.03857
3815345.46 | 0.07283 0.07989 0.05667
0.04467 0.08805 0.07039 0.05363 0.05567
0.04421
3815270.46 | 0.08568 0.08862 0.06150
0.06255 0.11034 0.08715 0.06138 0.04340
0.03684
3815195.46 | 0.09602 0.09948 0.07990
0.06890 0.12773 0.12472 0.09165 0.05422
0.04224
3815120.46 | 0.10375 0.10411 0.09037
0.07128 0.10334 0.17353 0.12817 0.08909
0.05819
3815045.46 | 0.11076 0.11218 0.10792
0.09074 0.10273 0.20990 0.18589 0.14813
0.09113
3814970.46 | 0.10940 0.10049 0.08599
0.07970 0.08084 0.18824 0.24589 0.16485
0.11213
3814895.46 | 0.05824 0.05773 0.05092
0.06354 0.08449 0.13921 0.29822 0.29227
0.20340
3814820.46 | 0.05698 0.07006 0.05491
0.08004 0.10000 0.11709 0.29927 0.32714
0.20868
3814745.46 | 0.08422 0.11173 0.08255
0.11876 0.12998 0.12744 0.26809 0.33190
0.35301
3814670.46 | 0.13419 0.14633 0.12990
0.12539 0.19225 0.22689 0.31155 0.37375
0.38613
3814595.46 | 0.12994 0.16208 0.19499
0.20383 0.19663 0.28179 0.32209 0.36260
0.34260
3814520.46 | 0.12044 0.14685 0.18123
0.20827 0.25443 0.29370 0.32988 0.37281
0.23593
3814445.46 | 0.11333 0.13597 0.16115
0.18475 0.23500 0.26910 0.30658 0.34830
0.33375
3814370.46 | 0.06935 0.10590 0.12838
0.15449 0.21405 0.23928 0.27272 0.31312
0.35828
3814295.46 | 0.01793 0.03946 0.07527

0.11928 0.13643 0.16621 0.24010 0.27464
0.31285
3814220.46 | 0.00903 0.02506 0.05229
0.04635 0.06460 0.08504 0.20533 0.23970
0.27328
3814145.46 | 0.01225 0.01932 0.01291
0.00867 0.01294 0.05431 0.11571 0.21197
0.23882
3814070.46 | 0.01035 0.00482 0.00269
0.00316 0.00816 0.04349 0.08854 0.08652
0.21076
3813995.46 | 0.00322 0.00212 0.00196
0.00263 0.00468 0.01706 0.02249 0.03517
0.10771
3813920.46 | 0.00619 0.00411 0.00307
0.00193 0.00297 0.00742 0.00602 0.01047
0.04013
3813845.46 | 0.01811 0.01072 0.00320
0.00195 0.00227 0.00240 0.00310 0.00437
0.01079
3813770.46 | 0.02339 0.02028 0.00890
0.00283 0.00341 0.00305 0.00354 0.00435
0.01317
3813695.46 | 0.03657 0.02246 0.00627
0.00395 0.00572 0.00674 0.01271 0.01784
0.08032
3813620.46 | 0.04214 0.03416 0.01115
0.00435 0.00932 0.02178 0.03720 0.06216
0.05764
3813545.46 | 0.03863 0.01156 0.00339
0.00319 0.01094 0.02132 0.01564 0.04304
0.03043
3813470.46 | 0.01574 0.00362 0.00824
0.00813 0.00646 0.00418 0.00455 0.02305
0.01424
3813395.46 | 0.02670 0.01712 0.03218
0.02564 0.01943 0.00464 0.00370 0.00966
0.00474
3813320.46 | 0.07318 0.07637 0.04369
0.03986 0.01887 0.01325 0.00342 0.00296
0.00338
3813245.46 | 0.04272 0.03961 0.02525
0.01357 0.00331 0.00283 0.00224 0.00180
0.00204
3813170.46 | 0.02067 0.01474 0.00597
0.00288 0.00256 0.00355 0.00189 0.00175
0.00260

**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	0.01604	0.01387	0.01517	0.01313	0.01307	0.01216	0.01252	0.01491	0.01429
3816020.46	0.01708	0.01526	0.01689	0.01464	0.01528	0.01358	0.01539	0.01637	0.01524
3815945.46	0.01974	0.01873	0.01961	0.01679	0.01790	0.01473	0.01649	0.01832	0.01721
3815870.46	0.02227	0.02182	0.02132	0.02062	0.02041	0.01860	0.01815	0.02026	0.02214
3815795.46	0.02516	0.02387	0.02469	0.02427	0.02332	0.02156	0.02040	0.02026	0.02335
3815720.46	0.02749	0.02699	0.02933	0.02792	0.02642	0.02480	0.02313	0.02286	0.02574
3815645.46	0.02993	0.02817	0.03106	0.03209	0.03019	0.02818	0.02516	0.02367	0.02445

3815570.46 | 0.02946 0.02960 0.03290
0.03736 0.03399 0.02922 0.02452 0.02295
0.02387
3815495.46 | 0.02885 0.03158 0.03329
0.04246 0.03588 0.03090 0.02828 0.02678
0.02237
3815420.46 | 0.03188 0.03411 0.04157
0.05135 0.04328 0.03847 0.03362 0.03054
0.02698
3815345.46 | 0.03580 0.03881 0.05218
0.05547 0.04035 0.03574 0.03498 0.02804
0.02686
3815270.46 | 0.04379 0.04696 0.06016
0.07276 0.04605 0.04392 0.03996 0.03205
0.03500
3815195.46 | 0.05839 0.06424 0.10550
0.07139 0.05887 0.04978 0.04506 0.03993
0.04388
3815120.46 | 0.08553 0.10318 0.12317
0.09190 0.06794 0.05446 0.05038 0.05254
0.05577
3815045.46 | 0.10940 0.15264 0.13814
0.07333 0.07460 0.06877 0.06483 0.06876
0.07403
3814970.46 | 0.11001 0.23998 0.22115
0.16055 0.10192 0.07123 0.08559 0.10055
0.09544
3814895.46 | 0.16451 0.29010 0.20886
0.13719 0.10107 0.09542 0.12157 0.16332
0.09898
3814820.46 | 0.30880 0.42504 0.29770
0.20159 0.23455 0.19554 0.18560 0.22464
0.15097
3814745.46 | 0.40660 0.43441 0.21601
0.31575 0.29092 0.28890 0.34795 0.28027
0.13022
3814670.46 | 0.45251 0.42050 0.31005
0.43082 0.59876 0.53738 0.63306 0.38529
0.20842
3814595.46 | 0.38942 0.19885 0.31560
0.69871 0.86813 0.81063 0.97699 0.70593
0.44128
3814520.46 | 0.16240 0.22414 0.34959
0.68439 0.94841 0.92919 1.18041 1.19217
0.49855
3814445.46 | 0.34308 0.43022 0.44838
0.53447 0.91086 1.07021 1.10333 0.64410
0.55855
3814370.46 | 0.41108 0.48514 0.57469
0.68361 0.82905 0.91422 0.47558 0.69511
0.82824
3814295.46 | 0.35917 0.41620 0.48777

0.58070 0.70366 0.87223 0.81938 1.06666
0.74652
3814220.46 | 0.30964 0.35345 0.40811
0.48781 0.57962 0.70203 0.88578 1.13422
1.08999
3814145.46 | 0.26855 0.30214 0.34878
0.39924 0.46214 0.54690 0.65956 0.83546
1.15031
3814070.46 | 0.23596 0.26320 0.29609
0.33691 0.38113 0.43692 0.51402 0.62187
0.78497
3813995.46 | 0.21392 0.23734 0.26846
0.29271 0.32579 0.36893 0.42719 0.50523
0.61073
3813920.46 | 0.19461 0.21770 0.24030
0.26815 0.29635 0.33486 0.38002 0.43322
0.51437
3813845.46 | 0.18479 0.20685 0.23043
0.25436 0.14504 0.33634 0.35435 0.39393
0.44684
3813770.46 | 0.17716 0.01809 0.01552
0.03283 0.03423 0.31172 0.32263 0.36184
0.39752
3813695.46 | 0.05136 0.01480 0.00299
0.00547 0.02855 0.28459 0.31779 0.33571
0.34947
3813620.46 | 0.05904 0.01176 0.00437
0.00393 0.00674 0.01493 0.28420 0.31430
0.33948
3813545.46 | 0.02031 0.02910 0.01087
0.00606 0.02358 0.09937 0.07480 0.01192
0.04918
3813470.46 | 0.00597 0.01015 0.01241
0.00579 0.00801 0.03301 0.02061 0.00379
0.01512
3813395.46 | 0.00351 0.00311 0.00706
0.00627 0.02029 0.01042 0.08895 0.06097
0.01051
3813320.46 | 0.00226 0.00308 0.00403
0.00523 0.04963 0.09278 0.18719 0.20133
0.08033
3813245.46 | 0.00357 0.00635 0.02031
0.01358 0.01949 0.02014 0.09680 0.17547
0.19142
3813170.46 | 0.00380 0.00776 0.02032
0.05763 0.04160 0.14589 0.15627 0.16169
0.16389

**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	0.01535	0.01588	0.01904	0.02100	0.02110	0.02122	0.02161	0.02823	0.02264
3816020.46	0.01879	0.01963	0.02032	0.02452	0.02681	0.02943	0.02429	0.02881	0.03408
3815945.46	0.02120	0.02606	0.02527	0.02857	0.03251	0.03616	0.03734	0.03304	0.04437
3815870.46	0.02251	0.02881	0.03325	0.03707	0.04033	0.04361	0.04912	0.04785	0.05242
3815795.46	0.02792	0.03169	0.03624	0.04155	0.04724	0.05517	0.06335	0.07802	0.08656
3815720.46	0.02768	0.02636	0.02940	0.04499	0.05225	0.06415	0.06004	0.06671	0.10778
3815645.46	0.02709	0.02622	0.03779	0.04899	0.04867	0.05052	0.06461	0.08153	0.10808

3815570.46 | 0.02723 0.02810 0.03796
0.04028 0.04284 0.05242 0.05292 0.07243
0.07687
3815495.46 | 0.02708 0.02859 0.03472
0.03276 0.04109 0.04909 0.04183 0.04521
0.05255
3815420.46 | 0.02688 0.02766 0.03009
0.03747 0.04224 0.04294 0.04018 0.04359
0.04074
3815345.46 | 0.02459 0.02648 0.02813
0.03609 0.04013 0.03998 0.03832 0.04118
0.03556
3815270.46 | 0.03026 0.03283 0.03210
0.03523 0.03470 0.03894 0.03916 0.03719
0.03202
3815195.46 | 0.04155 0.03755 0.03869
0.04612 0.04557 0.04454 0.05042 0.04416
0.03245
3815120.46 | 0.05127 0.04612 0.04010
0.05454 0.05662 0.05266 0.05882 0.04881
0.03690
3815045.46 | 0.06313 0.05406 0.05439
0.05884 0.07194 0.06653 0.06921 0.05504
0.04287
3814970.46 | 0.06643 0.06246 0.07390
0.06824 0.08488 0.08539 0.07907 0.06434
0.04405
3814895.46 | 0.08756 0.08549 0.09843
0.08296 0.10348 0.11032 0.08308 0.05764
0.04627
3814820.46 | 0.10531 0.11163 0.13603
0.11564 0.13613 0.12467 0.08977 0.07128
0.06135
3814745.46 | 0.11775 0.12926 0.17182
0.15966 0.19503 0.15600 0.12476 0.10134
0.08421
3814670.46 | 0.21395 0.26773 0.23039
0.25881 0.29449 0.23867 0.19144 0.14432
0.10851
3814595.46 | 0.37287 0.59016 0.59999
0.46601 0.45688 0.33391 0.25606 0.18772
0.12763
3814520.46 | 0.44901 1.14405 1.04562
1.10177 0.58817 0.31931 0.26725 0.18978
0.13918
3814445.46 | 0.62366 2.20603 3.01508
2.12185 1.04809 0.66458 0.42451 0.32927
0.16723
3814370.46 | 1.39937 3.63900 4.46573
2.01968 1.09474 1.14669 1.00678 0.48790
0.29871
3814295.46 | 2.16691 3.83208 2.97661

1.66704 1.02602 1.43656 0.86342 0.85704
0.34432
3814220.46 | 2.02677 3.34179 1.27877
0.71222 0.99325 1.82842 0.85018 1.35926
0.42007
3814145.46 | 1.59189 2.43234 3.38134
0.71673 1.52791 1.15753 0.76458 2.77919
2.94011
3814070.46 | 1.06387 1.56173 2.55368
3.84514 4.38522 1.84598 0.61623 1.45690
4.17441
3813995.46 | 0.76731 0.99443 1.33349
1.86944 3.36661 3.23018 1.86461 5.29044
2.49930
3813920.46 | 0.62077 0.76364 0.95042
1.18266 1.55846 2.24951 2.69744 3.44750
3.11375
3813845.46 | 0.51717 0.60614 0.71565
0.83422 0.97732 1.20853 1.51759 2.00489
2.31507
3813770.46 | 0.43480 0.49131 0.55668
0.62235 0.69162 0.79040 0.94379 1.16858
1.44212
3813695.46 | 0.37022 0.40763 0.44653
0.48438 0.52252 0.57326 0.65380 0.84774
1.05667
3813620.46 | 0.35078 0.36763 0.36714
0.38979 0.41169 0.43998 0.48723 0.56158
0.64997
3813545.46 | 0.14667 0.32792 0.31475
0.32661 0.33582 0.35231 0.38075 0.42430
0.48444
3813470.46 | 0.28630 0.29633 0.28121
0.29286 0.28536 0.29105 0.30885 0.33708
0.37793
3813395.46 | 0.04935 0.27134 0.28346
0.27304 0.25024 0.24713 0.25871 0.27789
0.30478
3813320.46 | 0.22246 0.13198 0.03087
0.11822 0.24390 0.22612 0.23139 0.23561
0.25212
3813245.46 | 0.19212 0.20604 0.21261
0.04094 0.07343 0.22691 0.20970 0.21154
0.22037
3813170.46 | 0.17246 0.16460 0.17145
0.19515 0.10580 0.06277 0.20588 0.19929
0.19421

**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	0.02575	0.01777	0.01603	0.02543	0.01581	0.01796	0.01138	0.01428	0.07343
3816020.46	0.03334	0.03276	0.02837	0.02717	0.03443	0.03310	0.02116	0.02942	0.04400
3815945.46	0.04222	0.04719	0.06532	0.08402	0.06199	0.07362	0.05645	0.10120	0.07630
3815870.46	0.05999	0.06970	0.10805	0.12662	0.09817	0.10719	0.08065	0.14810	0.10891
3815795.46	0.08802	0.09749	0.11078	0.14125	0.16225	0.14200	0.15804	0.16376	0.16323
3815720.46	0.12508	0.12903	0.14060	0.17847	0.18478	0.18195	0.16390	0.17930	0.17507
3815645.46	0.12683	0.16175	0.16882	0.19780	0.20280	0.20218	0.19697	0.19080	0.18404

3815570.46 | 0.06618 0.14055 0.16225
0.15582 0.21170 0.21735 0.21041 0.20491
0.19368
3815495.46 | 0.03567 0.05554 0.08944
0.04254 0.11509 0.18020 0.21655 0.22079
0.21269
3815420.46 | 0.03102 0.04466 0.05269
0.09003 0.14280 0.17761 0.22901 0.23591
0.23188
3815345.46 | 0.02977 0.02935 0.04185
0.06343 0.07052 0.09713 0.19198 0.21970
0.25032
3815270.46 | 0.03336 0.03353 0.03957
0.03447 0.02674 0.03744 0.08710 0.03388
0.14205
3815195.46 | 0.03086 0.03119 0.03069
0.02809 0.02345 0.02420 0.02375 0.03430
0.10334
3815120.46 | 0.03577 0.03080 0.02894
0.02935 0.02804 0.02339 0.02306 0.02346
0.03585
3815045.46 | 0.03802 0.03889 0.03569
0.03183 0.03254 0.02451 0.02320 0.02422
0.02354
3814970.46 | 0.04483 0.03968 0.04336
0.03583 0.03874 0.02834 0.02745 0.02323
0.03780
3814895.46 | 0.04662 0.04814 0.04373
0.04560 0.04398 0.03546 0.03771 0.03700
0.06660
3814820.46 | 0.05494 0.05441 0.05234
0.04639 0.04909 0.05929 0.08817 0.18525
0.24742
3814745.46 | 0.06272 0.05538 0.04537
0.04013 0.03825 0.03493 0.03675 0.03383
0.16741
3814670.46 | 0.08576 0.06119 0.05474
0.05069 0.04212 0.03640 0.05255 0.07995
0.06468
3814595.46 | 0.09351 0.06928 0.06670
0.06810 0.07754 0.04339 0.07962 0.45015
0.35653
3814520.46 | 0.10173 0.07565 0.08282
0.14753 0.28538 0.31231 0.16289 0.65686
0.72895
3814445.46 | 0.11829 0.08896 0.08479
0.08636 0.12893 0.61896 0.70780 0.84355
0.52758
3814370.46 | 0.14449 0.15819 0.22766
0.19415 0.07901 0.12726 0.54289 0.33809
0.83171
3814295.46 | 0.18661 0.21449 0.60824

1.27870 0.83557 0.43859 0.53128 0.45597
0.89040
3814220.46 | 0.24950 0.16861 0.70935
1.53859 1.70176 1.43565 1.03675 0.15067
0.28561
3814145.46 | 0.25513 0.39973 0.23175
1.67276 2.13484 1.67724 1.17196 1.25764
0.67881
3814070.46 | 0.44430 0.35918 0.33615
2.47704 2.17310 1.62912 1.44685 1.28728
1.12646
3813995.46 | 2.76482 1.76645 0.29296
2.35761 2.02509 1.71097 1.34212 1.10342
1.04512
3813920.46 | 2.22391 0.31093 0.29413
1.41976 1.21876 1.52267 1.29960 1.04085
0.90040
3813845.46 | 1.33217 1.12988 1.94841
0.73468 1.04253 1.26539 0.90549 1.12160
0.94522
3813770.46 | 1.50937 1.68795 1.45783
1.59523 1.40670 1.23793 0.86069 0.86970
0.93976
3813695.46 | 1.06960 1.22006 1.29697
1.17506 1.18888 0.87336 0.98456 0.99191
0.76275
3813620.46 | 0.75063 0.85192 0.96697
0.91320 0.94113 0.96010 0.94848 0.81992
0.66128
3813545.46 | 0.55291 0.62031 0.66894
0.71146 0.79677 0.74197 0.74156 0.70501
0.59052
3813470.46 | 0.42800 0.47902 0.52288
0.56072 0.57947 0.67815 0.68023 0.62468
0.54798
3813395.46 | 0.34132 0.38062 0.41856
0.45061 0.47230 0.50335 0.59225 0.57832
0.48321
3813320.46 | 0.27863 0.30861 0.34023
0.36965 0.39356 0.41174 0.47476 0.45086
0.42796
3813245.46 | 0.23282 0.25550 0.28124
0.30722 0.32968 0.34570 0.35770 0.42403
0.36459
3813170.46 | 0.20071 0.21665 0.23633
0.25781 0.27864 0.29495 0.30634 0.33029
0.32566

**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	0.03246	0.02124	0.02279	0.05567
3816020.46	0.08728	0.03656	0.07996	0.09978
3815945.46	0.12929	0.07912	0.10657	0.13486
3815870.46	0.13997	0.10956	0.14515	0.14125
3815795.46	0.15560	0.15795	0.14586	0.14597
3815720.46	0.17059	0.16786	0.15852	0.15402
3815645.46	0.17974	0.17556	0.16579	0.15455
3815570.46	0.18536	0.18220	0.17586	0.17285
3815495.46	0.19937	0.18669	0.17913	0.17426
3815420.46	0.21724	0.19905	0.18969	0.17825
3815345.46	0.23656	0.22594	0.20760	0.19055

3815270.46	0.25467	0.23148	0.23455	0.20770
3815195.46	0.14999	0.21123	0.22839	0.24672
3815120.46	0.04324	0.04036	0.05513	0.20748
3815045.46	0.03097	0.05052	0.17967	0.17163
3814970.46	0.03690	0.03145	0.04392	0.13771
3814895.46	0.14789	0.05040	0.09550	0.16058
3814820.46	0.28405	0.16160	0.11110	0.25944
3814745.46	0.33864	0.39972	0.28069	0.16615
3814670.46	0.32437	0.30785	0.40799	0.44229
3814595.46	0.49777	0.41361	0.36762	0.47001
3814520.46	0.63562	0.57851	0.56030	0.41674
3814445.46	0.51033	0.65869	0.52971	0.54634
3814370.46	0.78919	0.71086	0.54532	0.53864
3814295.46	0.83901	0.64695	0.57106	0.55214
3814220.46	0.91340	0.79227	0.60697	0.53404
3814145.46	0.78434	0.81529	0.77409	0.58080
3814070.46	0.97601	0.73075	0.80883	0.61345
3813995.46	0.85308	0.76247	0.75462	0.65746
3813920.46	0.80249	0.71587	0.64660	0.58846
3813845.46	0.76926	0.68965	0.61843	0.56360
3813770.46	0.85569	0.74858	0.59865	0.53933
3813695.46	0.68040	0.61746	0.55462	0.51092
3813620.46	0.60623	0.55960	0.51855	0.48132
3813545.46	0.55249	0.51640	0.48302	0.45172
3813470.46	0.49813	0.47283	0.44720	0.42176
3813395.46	0.44639	0.42978	0.41137	0.39190

3813320.46	0.39731	0.38755	0.37545	0.36147
3813245.46	0.35230	0.34687	0.33995	0.33114
3813170.46	0.31238	0.30986	0.30640	0.30133

**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 0.05096
350283.70 3815266.49 0.03391
350539.82 3814604.70 0.05056
350467.63 3814245.45 1.47153
350008.68 3813941.20 3.89510
350147.91 3813936.04 3.54620
350557.01 3814453.44 0.60166
349200.78 3815251.02 0.04644
349173.28 3815257.89 0.04407
348862.58 3814174.11 0.29108
348862.58 3815183.55 0.06903
350494.71 3815179.68 0.02390
350486.97 3814363.62 0.08737
350216.24 3814363.62 0.14395
350216.24 3814193.45 0.21765
349991.92 3813969.12 3.77130
349794.67 3813961.39 1.90928
349597.42 3814065.81 1.52628
349121.71 3814085.15 0.37845

**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) 348170.28	348245.28	348320.28	348395.28	348470.28
3816095.5	0.11527 (05031524)	0.14135 (05031524)	0.14966 (05031524)	0.13627 (05031524)	0.10775 (05110924)
3816020.5	0.14968m(05051624)	0.15154m(05051624)	0.14710 (05031524)	0.11913 (05031524)	0.11463 (05110924)
3815945.5	0.16595m(05051624)	0.17375m(05051624)	0.14603m(05051624)	0.11944 (05031524)	0.15285 (05031524)
3815870.5	0.16716 (05010424)	0.19013m(05051624)	0.18188m(05051624)	0.15419m(05051624)	0.15762 (05031524)
3815795.5	0.18665m(05010924)	0.18004m(05051624)	0.20502m(05051624)	0.20061m(05051624)	0.15641m(05051624)
3815720.5	0.20714m(05010924)	0.20483m(05010924)	0.18674 (05010424)	0.16804m(05051624)	0.16692m(05051624)
3815645.5	0.19866m(05010924)	0.22264m(05010924)	0.21291m(05010924)	0.17970 (05010424)	0.18523m(05051624)
3815570.5	0.17621 (05052224)	0.21875m(05010924)			

0.23032m(05010924) 0.18630 (05010424) 0.19823
(05010424)
3815495.5 | 0.20735 (05022024) 0.25823 (05070724)
0.21573m(05010924) 0.18387m(05010924)
0.25742m(05010924)
3815420.5 | 0.30268 (05022024) 0.31343 (05070724)
0.21277 (05022024) 0.17959m(05010924)
0.29487m(05010924)
3815345.5 | 0.37692 (05022024) 0.36922 (05022024)
0.27625 (05022024) 0.21539 (05022024) 0.37614
(05070724)
3815270.5 | 0.44264 (05022024) 0.44499 (05022024)
0.33630 (05022024) 0.31453 (05022024) 0.53092
(05070724)
3815195.5 | 0.49027 (05063024) 0.49239 (05022024)
0.42601 (05022024) 0.37678 (05022024) 0.59727
(05070724)
3815120.5 | 0.52982 (05063024) 0.53462 (05063024)
0.44549 (05022024) 0.38743 (05022024) 0.51073
(05022024)
3815045.5 | 0.55050 (05121324) 0.53269 (05063024)
0.53868 (05063024) 0.43958 (05063024) 0.50440
(05022024)
3814970.5 | 0.64622 (05070624) 0.55512 (05070624)
0.42872 (05070624) 0.37300 (05063024) 0.38152
(05063024)
3814895.5 | 0.39308 (05070624) 0.38601 (05070624)
0.32289 (05070624) 0.36586 (05070624) 0.41948
(05070624)
3814820.5 | 0.32383 (05070624) 0.42380 (05070624)
0.35709 (05070624) 0.50732 (05070624) 0.59533
(05070624)
3814745.5 | 0.51917 (05122224) 0.67438 (05122224)
0.43584 (05122224) 0.65757 (05031124) 0.72565
(05031124)
3814670.5 | 0.99433 (05062224) 0.99032 (05062224)
0.80872 (05122224) 0.75127 (05122224)
1.17548m(05031024)
3814595.5 | 1.15189 (05062224) 1.30081 (05062224)
1.41510 (05062224) 1.45678 (05062224) 1.35083
(05062224)
3814520.5 | 0.99579 (05062224) 1.15373 (05062224)
1.28087 (05062224) 1.38629 (05062224) 1.18526
(05062224)
3814445.5 | 0.99489 (05110624) 1.06303 (05110624)
1.11484 (05110624) 1.16032 (05110624) 1.10355
(05110624)
3814370.5 | 0.65612 (05091924) 0.89336 (05110624)
1.00286 (05110624) 1.09682 (05110624) 1.07524
(05110624)
3814295.5 | 0.28511 (05060424) 0.44743 (05060424)
0.67762 (05122324) 0.89150 (05122324) 0.95070

(05122324)
3814220.5 | 0.17933 (05122324) 0.40869 (05122324)
0.68834 (05122324) 0.61865 (05122324) 0.76396
(05122324)
3814145.5 | 0.21498 (05122324) 0.30459 (05122324)
0.21443 (05122324) 0.14992 (05122324) 0.20272
(05122324)
3814070.5 | 0.19565 (05021924) 0.08615 (05021924)
0.06826 (05120424) 0.07276 (05120424) 0.16781
(05021924)
3813995.5 | 0.08259 (05021924) 0.06643 (05021024)
0.07127 (05021024) 0.07883 (05021024) 0.11633
(05021924)
3813920.5 | 0.18464 (05021924) 0.10954 (05021924)
0.09315 (05021024) 0.09303 (05021024) 0.10240
(05120424)
3813845.5 | 0.40609m(05061924) 0.22676m(05061924)
0.11456 (05120424) 0.11712 (05120424) 0.13732
(05120424)
3813770.5 | 0.48693m(05111324) 0.41634m(05111324)
0.18471 (05010624) 0.16224 (05120424) 0.17665
(05120424)
3813695.5 | 0.49685 (05010624) 0.40316 (05010624)
0.18196 (05120424) 0.17216 (05120424) 0.17727
(05120424)
3813620.5 | 0.42573 (05010624) 0.36731 (05010624)
0.22057m(05121724) 0.13518 (05120424)
0.26128m(05121724)
3813545.5 | 0.40203m(05121724) 0.29890m(05121724)
0.10891m(05121724) 0.10009m(05121724)
0.30160m(05121724)
3813470.5 | 0.39389m(05121724) 0.12992m(05121724)
0.24742m(05121724) 0.21352 (05112224) 0.17452
(05112224)
3813395.5 | 0.51851 (05112224) 0.44847 (05112224)
0.70998 (05112224) 0.68513 (05112224) 0.58871
(05112224)
3813320.5 | 0.59675 (05112224) 0.59093 (05112224)
0.82227 (05112224) 0.83005 (05112224) 0.54411
(05112224)
3813245.5 | 0.73324 (05112224) 0.76962 (05112224)
0.65636 (05112224) 0.39630 (05112224) 0.10216
(05123024)
3813170.5 | 0.58203 (05112224) 0.44316 (05112224)
0.16058 (05112224) 0.09664 (05123024) 0.08745
(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) | 348545.28 348620.28
348695.28 348770.28 348845.28
- -
- -
-

3816095.5 | 0.10529 (05110924) 0.09794 (05052724)
0.09641 (05122624) 0.13996 (05122624) 0.17641
(05122624)
3816020.5 | 0.11560 (05110924) 0.11709 (05110924)
0.09393 (05052724) 0.13748 (05122624) 0.16422
(05122624)
3815945.5 | 0.12304 (05110924) 0.13446 (05110924)
0.11012 (05110924) 0.11919 (05122624) 0.16704
(05122624)
3815870.5 | 0.15405 (05031524) 0.14728 (05110924)
0.13708 (05110924) 0.13180 (05052724) 0.15003
(05122624)
3815795.5 | 0.16369 (05031524) 0.15601 (05110924)
0.15667 (05110924) 0.14745 (05110924) 0.14179
(05052724)
3815720.5 | 0.20785m(05051624) 0.16839 (05031524)
0.16758 (05110924) 0.16804 (05110924) 0.15333
(05052724)
3815645.5 | 0.25538m(05051624) 0.21139m(05051624)
0.17540 (05060924) 0.17907 (05110924) 0.17089
(05110924)
3815570.5 | 0.31257m(05051624) 0.26724m(05051624)

0.17855m(05051624) 0.17228 (05031524) 0.17429
(05110924)
3815495.5 | 0.27494m(05051624) 0.24301m(05051624)
0.17684m(05051624) 0.14693 (05110924) 0.16583
(05110924)
3815420.5 | 0.30242m(05010924) 0.22279 (05010424)
0.18546 (05010424) 0.20975m(05051624) 0.17977
(05031524)
3815345.5 | 0.29788m(05010924) 0.26405m(05010924)
0.26425 (05010424) 0.23445m(05051624)
0.18137m(05051624)
3815270.5 | 0.36377 (05070724) 0.27359m(05010924)
0.22927m(05010924) 0.21215 (05010424) 0.22770
(05010424)
3815195.5 | 0.59440 (05070724) 0.37866 (05070724)
0.25490m(05010924) 0.22276m(05010924) 0.28678
(05010424)
3815120.5 | 0.79475 (05070724) 0.59144 (05070724)
0.35913 (05022024) 0.26589m(05010924)
0.36577m(05010924)
3815045.5 | 0.89927 (05100224) 0.81147 (05070724)
0.67013 (05070724) 0.39892 (05022024) 0.39413
(05022024)
3814970.5 | 0.88074 (05063024) 1.05400 (05100224)
0.71479 (05022024) 0.53137 (05022024) 0.48372
(05022024)
3814895.5 | 0.63879 (05063024) 1.29732 (05063024)
1.26591 (05063024) 0.85646 (05100224) 0.71655
(05022024)
3814820.5 | 0.62809 (05070624) 1.41981 (05121324)
1.42935 (05121324) 0.92488 (05063024) 1.30642
(05100224)
3814745.5 | 0.72807 (05070624) 1.45404 (05031124)
1.57404 (05031124) 1.55304 (05121324) 1.64756
(05100224)
3814670.5 | 1.38079m(05031024) 1.79264m(05031024)
1.96927m(05031024) 1.93281 (05031124) 1.99501
(05031124)
3814595.5 | 1.68103 (05062224) 1.79554m(05031024)
1.99610m(05031024) 1.95996m(05031024)
2.09232m(05031024)
3814520.5 | 1.38921 (05062224) 1.50937 (05062224)
1.63320 (05062224) 1.41454 (05062224)
0.80082m(05031024)
3814445.5 | 1.24063 (05091924) 1.40734 (05062224)
1.58801 (05062224) 1.95894 (05062224) 2.14931
(05062224)
3814370.5 | 1.17295 (05110624) 1.30719 (05110624)
1.49031 (05091924) 1.67006 (05091924) 1.84986
(05091924)
3814295.5 | 1.03492 (05122324) 1.13582 (05122324)
1.26401 (05122324) 1.42625 (05091924) 1.63592

(05091924)
3814220.5 | 0.89426 (05122324) 1.08694 (05122324)
1.26262 (05122324) 1.41168 (05122324) 1.55355
(05122324)
3814145.5 | 0.61969 (05122324) 1.01336 (05012124)
1.14658 (05122324) 1.27896 (05122324) 1.42654
(05122324)
3814070.5 | 0.62708 (05021924) 0.83907 (05012124)
0.85696 (05021924) 1.03525 (05122324) 1.23976
(05123024)
3813995.5 | 0.40256 (05021924) 0.47013 (05021924)
0.59334 (05021924) 0.94361m(05061924) 0.94885
(05122324)
3813920.5 | 0.13856 (05021924) 0.15430 (05120424)
0.19136 (05120424) 0.63205m(05111324) 0.81100
(05122324)
3813845.5 | 0.15354 (05120424) 0.17647 (05120424)
0.20087 (05120424) 0.24190 (05120424) 0.75458
(05122324)
3813770.5 | 0.17800 (05120424) 0.18416 (05120424)
0.18776 (05120424) 0.26117m(05121724) 0.88284
(05112224)
3813695.5 | 0.17253 (05120424) 0.29591m(05121724)
0.40209m(05121724) 0.92428 (05112224) 0.91502
(05112224)
3813620.5 | 0.46471m(05121724) 0.63982 (05112224)
0.94966 (05112224) 1.05044 (05112224) 1.14803
(05112224)
3813545.5 | 0.51876 (05112224) 0.44049 (05112224)
0.95648 (05112224) 0.80184 (05112224) 0.54014
(05112224)
3813470.5 | 0.10962 (05032124) 0.11433 (05032124)
0.64033 (05112224) 0.36425 (05112224) 0.15095
(05123024)
3813395.5 | 0.11678 (05112224) 0.09589 (05020124)
0.22052 (05112224) 0.12729 (05123024) 0.12359
(05020124)
3813320.5 | 0.35737 (05112224) 0.10273 (05020124)
0.10747 (05020124) 0.11091 (05020124) 0.09788
(05020124)
3813245.5 | 0.09470 (05020124) 0.09475 (05020124)
0.09653 (05120324) 0.09098 (05120324) 0.09345
(05020124)
3813170.5 | 0.09312 (05120324) 0.09347 (05120324)
0.08430 (05120324) 0.07740 (05020124) 0.08385
(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 | 0.16057 (05122624) 0.18259 (05122624)
0.13013 (05122624) 0.10545 (05122624) 0.07871
(05111724)
3816020.5 | 0.16525 (05122624) 0.21859 (05122624)
0.16879 (05122624) 0.14271 (05122624) 0.08850
(05011224)
3815945.5 | 0.21023 (05122624) 0.23924 (05122624)
0.19439 (05122624) 0.18321 (05122624) 0.10973
(05122624)
3815870.5 | 0.20445 (05122624) 0.24309 (05122624)
0.24801 (05122624) 0.22411 (05122624) 0.16155
(05122624)
3815795.5 | 0.18417 (05122624) 0.24684 (05122624)
0.27646 (05122624) 0.26325 (05122624) 0.20887
(05122624)
3815720.5 | 0.16202 (05122624) 0.23994 (05122624)
0.28755 (05122624) 0.29436 (05122624) 0.25607
(05122624)
3815645.5 | 0.15258 (05052724) 0.20949 (05122624)
0.28433 (05122624) 0.31664 (05122624) 0.29802
(05122624)
3815570.5 | 0.16740 (05110924) 0.17566 (05052724)

0.26865 (05122624) 0.32266 (05122624) 0.31381
(05122624)
3815495.5 | 0.18344 (05110924) 0.17808 (05110924)
0.23904 (05122624) 0.30322 (05122624) 0.31960
(05122624)
3815420.5 | 0.19229 (05110924) 0.21940 (05110924)
0.25896 (05052724) 0.28877 (05122624) 0.34853
(05122624)
3815345.5 | 0.19764 (05110924) 0.24738 (05110924)
0.25773 (05052724) 0.22590 (05122624) 0.29054
(05122624)
3815270.5 | 0.23229m(05051624) 0.25468 (05110924)
0.30867 (05060924) 0.23253 (05110924) 0.28330
(05122624)
3815195.5 | 0.31615m(05051624) 0.44140m(05051624)
0.29038 (05110924) 0.28683 (05110924) 0.24482
(05122624)
3815120.5 | 0.41283m(05010924) 0.51367m(05051624)
0.39237m(05051624) 0.31005 (05110924) 0.27228
(05110924)
3815045.5 | 0.53669m(05010924) 0.51048m(05010924)
0.32757 (05010424) 0.32118 (05021824) 0.32787
(05110924)
3814970.5 | 0.99875 (05070724) 0.78605 (05071324)
0.57280m(05010924) 0.42420m(05051624) 0.32173
(05021824)
3814895.5 | 1.29562 (05070724) 0.83142 (05070724)
0.50134m(05010924) 0.41956 (05010424) 0.39757
(05010424)
3814820.5 | 1.68691 (05070724) 1.27384 (05070724)
0.77351 (05070724) 0.77200 (05022024)
0.67345m(05010924)
3814745.5 | 1.78962 (05100224) 0.89529 (05022024)
1.28613 (05070724) 1.13152 (05070724) 0.97067
(05022024)
3814670.5 | 1.68819 (05121324) 1.25400 (05063024)
1.73023 (05100224) 2.27143 (05070724) 2.09369
(05070724)
3814595.5 | 0.97223 (05070624) 1.31621 (05070624)
2.48604m(05031024) 2.98460 (05100224) 2.94001
(05063024)
3814520.5 | 1.13272m(05031024) 1.78781m(05031024)
3.05780m(05031024) 3.03601m(05031024)
3.18785m(05031024)
3814445.5 | 2.43196 (05062224) 2.51125 (05062224)
2.79158m(05031024) 3.35908m(05031024)
3.55625m(05031024)
3814370.5 | 2.14103 (05091924) 2.47766 (05062224)
2.78599 (05062224) 3.16513 (05062224)
3.04431m(05031024)
3814295.5 | 1.88399 (05091924) 2.16263 (05091924)
2.49826 (05091924) 2.89201 (05091924) 3.39585

(05091924)
3814220.5 | 1.71488 (05122324) 1.91271 (05122324)
2.18211 (05122324) 2.50142 (05122324) 2.91079
(05122324)
3814145.5 | 1.58434 (05122324) 1.76771 (05122324)
1.99121 (05122324) 2.26562 (05122324) 2.62127
(05122324)
3814070.5 | 1.36985 (05123024) 1.52342 (05122324)
1.68906 (05122324) 1.89786 (05122324) 2.14339
(05122324)
3813995.5 | 1.03789 (05122324) 1.21615 (05122324)
1.36556 (05122324) 1.49079 (05122324) 1.63063
(05122324)
3813920.5 | 1.08767m(05111324) 1.15369m(05111324)
1.16396m(05111324) 1.43430 (05112224) 1.78811
(05112224)
3813845.5 | 0.88435 (05112224) 1.12063 (05112224)
1.11410 (05112224) 1.56312 (05112224) 1.65955
(05112224)
3813770.5 | 0.37815m(05121724) 0.30773m(05121724)
0.72121 (05112224) 0.75972 (05112224) 1.70105
(05112224)
3813695.5 | 0.35282 (05112224) 0.10473 (05020124)
0.15728 (05020124) 0.56580 (05112224) 1.39755
(05112224)
3813620.5 | 0.29233 (05112224) 0.14712 (05020124)
0.16390 (05020124) 0.19844 (05020124) 0.23747
(05020124)
3813545.5 | 0.62262 (05112224) 0.22988 (05123024)
0.17209 (05020124) 0.37426 (05012024) 0.75249
(05010224)
3813470.5 | 0.21773 (05123024) 0.21961 (05082724)
0.15285 (05020124) 0.16958 (05020124) 0.58923
(05010224)
3813395.5 | 0.11968 (05020124) 0.13987 (05062824)
0.13930 (05020124) 0.44609 (05010224) 0.31658
(05010224)
3813320.5 | 0.10238 (05020124) 0.11014 (05020124)
0.15741 (05010224) 0.72762 (05010224) 0.75229
(05010224)
3813245.5 | 0.11618 (05010224) 0.43033 (05010224)
0.41042 (05010224) 0.44011 (05010224) 0.39051
(05020524)
3813170.5 | 0.23387 (05010224) 0.50423 (05010224)
0.66528 (05010224) 0.53492 (05020524) 0.62899
(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 | 0.09399 (05111724) 0.13642 (05111724)
0.10211 (05111724) 0.09053 (05091124) 0.09846
(05042124)
3816020.5 | 0.13215 (05111724) 0.14302 (05111724)
0.11188 (05111724) 0.11724 (05091124) 0.11862
(05042124)
3815945.5 | 0.12771 (05111724) 0.14771 (05111724)
0.13766 (05111724) 0.13977 (05091124) 0.16328
(05110924)
3815870.5 | 0.12736 (05011224) 0.14976 (05111724)
0.14993 (05111724) 0.14865 (05091124) 0.18068
(05110924)
3815795.5 | 0.14326 (05011224) 0.14794 (05111724)
0.15824 (05111724) 0.19778 (05091124) 0.19470
(05091124)
3815720.5 | 0.18709 (05122624) 0.14463 (05111724)
0.16487 (05111724) 0.18617 (05091124) 0.15350
(05091124)
3815645.5 | 0.22677 (05122624) 0.14914 (05011224)
0.16743 (05111724) 0.16610 (05091124) 0.14705
(05091124)
3815570.5 | 0.24309 (05122624) 0.16411 (05122624)

0.16562 (05111724) 0.17557 (05111724) 0.15708
(05091124)
3815495.5 | 0.28796 (05122624) 0.21752 (05122624)
0.12321 (05111724) 0.18324 (05111724) 0.16466
(05111724)
3815420.5 | 0.33999 (05122624) 0.27389 (05122624)
0.16293 (05122624) 0.17149 (05111724) 0.16380
(05111724)
3815345.5 | 0.33927 (05122624) 0.25349 (05122624)
0.18410 (05122624) 0.14559 (05111724) 0.15321
(05111724)
3815270.5 | 0.34680 (05122624) 0.29196 (05122624)
0.28743 (05122624) 0.15476 (05122624) 0.19348
(05111724)
3815195.5 | 0.32965 (05122624) 0.35370 (05122624)
0.37449 (05122624) 0.26177 (05122624) 0.20785
(05111724)
3815120.5 | 0.29250 (05122624) 0.40882 (05122624)
0.46370 (05122624) 0.36279 (05122624) 0.23578
(05111724)
3815045.5 | 0.30409 (05110924) 0.42763 (05122624)
0.54674 (05122624) 0.46691 (05122624) 0.28328
(05122624)
3814970.5 | 0.38377 (05110924) 0.43640 (05122624)
0.58613 (05122624) 0.50055 (05122624) 0.37816
(05122624)
3814895.5 | 0.46787 (05021824) 0.52569 (05060924)
0.52487 (05122624) 0.59585 (05122624) 0.53996
(05122624)
3814820.5 | 0.64153m(05050224) 0.69656 (05022124)
0.55672 (05021824) 0.61874 (05122624) 0.68571
(05122624)
3814745.5 | 1.05784 (05022024) 0.88151 (05022024)
0.53933 (05021824) 0.56952 (05122624) 0.74701
(05122624)
3814670.5 | 2.17843 (05070724) 1.23629 (05022024)
0.73758 (05022124) 0.77552 (05021824) 1.05821
(05122624)
3814595.5 | 3.43009 (05070724) 2.38103 (05070724)
1.46844 (05022024) 1.19766 (05022024) 1.61962
(05100824)
3814520.5 | 3.81523 (05063024) 4.05434 (05063024)
1.73382 (05022024) 1.56989 (05022024) 3.13756
(05071924)
3814445.5 | 4.19229m(05031024) 2.14896 (05063024)
1.85138 (05070724) 2.06206 (05022024)
6.02053m(05030724)
3814370.5 | 2.09359m(05031024) 2.83291m(05031024)
2.87836m(05031024) 4.19813 (05063024) 8.13042
(05063024)
3814295.5 | 3.45661 (05062224) 4.20985 (05062224)
3.00722m(05031024) 7.08008m(05031024)

9.05195m(05031024)
3814220.5 | 3.48657 (05122324) 4.15862 (05122324) 4.22571 (05122324) 5.75744 (05122324) 8.46943 (05091924)
3814145.5 | 3.06769 (05122324) 3.72039 (05122324) 4.77372 (05122324) 6.09014 (05122324) 7.94099 (05122324)
3814070.5 | 2.45338 (05122324) 2.84890 (05122324) 3.40110 (05122324) 4.42002 (05123024) 6.07821 (05123024)
3813995.5 | 1.82897 (05112224) 2.35374 (05112224) 2.96984 (05112224) 3.73305 (05112224) 4.59659 (05112224)
3813920.5 | 2.17697 (05112224) 2.54542 (05112224) 2.95299 (05112224) 3.28294 (05112224) 3.46396 (05112224)
3813845.5 | 2.25836 (05112224) 2.41993 (05112224) 2.45870 (05112224) 2.68140 (05012624) 2.79461 (05012624)
3813770.5 | 1.95726 (05112224) 2.29742 (05012624) 2.56366 (05012624) 2.27862 (05012624) 2.01597 (05012624)
3813695.5 | 1.36540 (05112224) 2.15717 (05012624) 2.27765 (05012624) 1.70332 (05012624) 1.62168 (05010124)
3813620.5 | 1.27834 (05012624) 1.33844 (05010124) 1.41921 (05012624) 1.34383 (05012624) 1.51249 (05122324)
3813545.5 | 0.86821 (05010224) 0.28561 (05010224) 0.61343 (05020524) 1.04170 (05010124) 1.40182 (05122324)
3813470.5 | 0.47754 (05010224) 0.13667 (05020124) 0.23209 (05021024) 1.21119 (05010124) 1.31351 (05122324)
3813395.5 | 0.78578 (05010224) 0.69696 (05020524) 0.15959 (05062824) 0.64800 (05122324) 1.15148 (05010124)
3813320.5 | 0.80714 (05010124) 0.85929 (05010124) 0.75338 (05122324) 0.94075 (05010124) 0.91411 (05122324)
3813245.5 | 0.70446 (05021024) 0.75935 (05122324) 0.81531 (05010124) 0.94619 (05122324) 0.94233 (05012124)
3813170.5 | 0.67155 (05021024) 0.77143 (05122324) 0.79744 (05122324) 0.84113 (05122324) 0.80512 (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 | 0.10782 (05042124) 0.12325 (05102424)
0.11814 (05061124) 0.11763 (05081024) 0.11799
(05022524)
3816020.5 | 0.11369 (05042124) 0.15141 (05081224)
0.16989 (05061124) 0.16372 (05061124) 0.12567
(05081324)
3815945.5 | 0.17105 (05081224) 0.18715 (05081224)
0.21442 (05061124) 0.20078 (05061124) 0.22702
(05102324)
3815870.5 | 0.25135 (05081224) 0.25714 (05081224)
0.27028 (05061124) 0.23773 (05061124) 0.35849
(05102324)
3815795.5 | 0.26721 (05081224) 0.29082 (05081224)
0.31407 (05061124) 0.32584 (05102324) 0.51475
(05102324)
3815720.5 | 0.17352 (05081224) 0.31479 (05081224)
0.34219 (05061124) 0.39603 (05102324) 0.45166
(05102324)
3815645.5 | 0.24810 (05081224) 0.34110 (05081224)
0.30942 (05061124) 0.27314 (05061124) 0.48161
(05102324)
3815570.5 | 0.22813 (05081224) 0.25528 (05081224)

0.24881 (05061124) 0.28143 (05061124) 0.30407
(05102324)
3815495.5 | 0.16908 (05081224) 0.15425 (05081224)
0.21493 (05061124) 0.25746 (05061124) 0.22279
(05081324)
3815420.5 | 0.13910 (05091124) 0.17862 (05081224)
0.20589 (05061124) 0.20334 (05061124) 0.20489
(05081324)
3815345.5 | 0.13057 (05111724) 0.16854 (05081224)
0.17459 (05081224) 0.17107 (05061124) 0.18419
(05081324)
3815270.5 | 0.15152 (05111724) 0.16976 (05081224)
0.16167 (05081224) 0.16763 (05061524) 0.19128
(05061524)
3815195.5 | 0.19279 (05111724) 0.20305 (05081224)
0.20037 (05081224) 0.19390 (05061524) 0.24334
(05061524)
3815120.5 | 0.19557 (05111724) 0.23273 (05081224)
0.23744 (05081224) 0.22606 (05061524) 0.29102
(05061524)
3815045.5 | 0.26195 (05111724) 0.24547 (05081224)
0.31942 (05061124) 0.28382 (05061524) 0.35163
(05061524)
3814970.5 | 0.30811 (05111724) 0.27298 (05081224)
0.37482 (05061124) 0.36618 (05061524) 0.40920
(05061524)
3814895.5 | 0.40495m(05092424) 0.31255 (05081224)
0.45182 (05061124) 0.47453 (05061524) 0.42594
(05061524)
3814820.5 | 0.60964 (05122624) 0.41678 (05091124)
0.58887 (05061124) 0.53741 (05061524) 0.45066
(05061524)
3814745.5 | 0.80804 (05122624) 0.54429 (05010824)
0.81475 (05061124) 0.67127 (05061524) 0.65999
(05061524)
3814670.5 | 1.03958 (05122624) 0.93838m(05092424)
1.13892 (05061124) 1.02777 (05061524) 1.04012
(05061524)
3814595.5 | 1.99577 (05100824) 1.63107m(05092424)
1.57046 (05061124) 1.40472 (05061524) 1.33305
(05061524)
3814520.5 | 3.01672 (05100824) 3.53237m(05121724)
1.70840 (05061124) 1.21604 (05061524) 1.20557
(05061524)
3814445.5 | 7.70435m(05091224) 5.73688 (05100824)
2.77801m(05092424) 2.24135 (05061524) 1.65267
(05061524)
3814370.5 | 10.92998m(05030724) 4.19697 (05022024)
2.59330 (05052924) 3.27095 (05061524) 3.23250
(05102224)
3814295.5 | 7.38497 (05063024) 3.76902 (05022024)
1.72760 (05052924) 2.58902 (05102224) 1.55389

(05102224)
3814220.5 | 3.79890 (05071424) 1.31007 (05071024)
1.57186 (05052924) 2.88933 (05102224) 1.41163
(05102224)
3814145.5 | 9.10043 (05122324) 1.42516 (05070424)
2.14438 (05030824) 1.69591 (05111424) 1.33633
(05111424)
3814070.5 | 8.89673 (05122324) 12.48709 (05010124)
10.14763 (05011824) 4.47141 (05122024) 1.21046
(05112124)
3813995.5 | 5.61828 (05112224) 6.61448 (05010124)
14.93273 (05011824) 11.72897 (05010124) 12.30482
(05122024)
3813920.5 | 3.71181 (05012624) 4.47727 (05010124)
7.75277 (05011824) 12.84345 (05011824) 14.01860
(05122024)
3813845.5 | 2.79180 (05010124) 3.24663 (05010124)
5.07524 (05011824) 7.31205 (05011824) 9.04895
(05011824)
3813770.5 | 2.21033 (05010124) 2.56267 (05011824)
3.78138 (05011824) 4.99426 (05011824) 5.96023
(05011824)
3813695.5 | 1.78750 (05010124) 2.15498 (05011824)
2.99544 (05011824) 3.76470 (05011824) 4.29578
(05011824)
3813620.5 | 1.48491 (05122324) 1.86882 (05011824)
2.45358 (05011824) 2.95098 (05011824) 3.30436
(05011824)
3813545.5 | 1.32519 (05012124) 1.71416 (05011824)
2.08344 (05011824) 2.40414 (05011824) 2.63640
(05011824)
3813470.5 | 1.25955 (05012124) 1.66941 (05011824)
1.87207 (05011824) 2.01710 (05011824) 2.17390
(05011824)
3813395.5 | 1.20512 (05010124) 1.56392 (05011824)
1.70763 (05011824) 1.74571 (05011824) 1.85657
(05011824)
3813320.5 | 0.49645 (05120424) 1.12256 (05120424)
1.62336 (05011824) 1.68139 (05011824) 1.75362
(05011824)
3813245.5 | 1.05361 (05012124) 0.74939 (05120424)
0.98781 (05011824) 1.40721 (05011824) 1.61195
(05011824)
3813170.5 | 0.96125 (05011824) 1.06434 (05011824)
1.04950 (05011824) 0.89654 (05011824) 1.37621
(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 | 0.17859 (05081324) 0.17231m(05030724)
0.21446 (05031224) 0.13211 (05061524) 0.13449
(05061524)
3816020.5 | 0.18052 (05081324) 0.27373 (05031224)
0.34042 (05031224) 0.33789 (05031224) 0.27654
(05020724)
3815945.5 | 0.20785 (05081324) 0.41288 (05031224)
0.46839 (05031224) 0.51474 (05031224) 0.75682
(05020724)
3815870.5 | 0.37764 (05102324) 0.51752 (05031224)
0.69469 (05031224) 0.72968 (05031224) 1.09702
(05020724)
3815795.5 | 0.71982 (05102324) 0.88665 (05031224)
0.97644 (05031224) 0.93211 (05031224) 1.10736
(05020724)
3815720.5 | 0.57214 (05102324) 1.08416 (05031224)
1.25928 (05031224) 1.15851 (05020724) 1.20121
(05020724)
3815645.5 | 0.71428 (05102324) 1.10527 (05031224)
1.25998 (05031224) 1.31541 (05020724) 1.19721
(05020724)
3815570.5 | 0.58562 (05102324) 0.79685 (05031224)

0.67418 (05031224) 1.26889 (05020724) 1.14017
(05020724)
3815495.5 | 0.25803 (05081324) 0.44460 (05031224)
0.30179 (05061524) 0.49738 (05061524)
0.75378m(05050524)
3815420.5 | 0.24816 (05061524) 0.28876 (05061524)
0.24414 (05061524) 0.41850 (05061524)
0.50107m(05050524)
3815345.5 | 0.23626 (05061524) 0.23637 (05061524)
0.21021 (05061524) 0.24893 (05061524)
0.36603m(05050524)
3815270.5 | 0.20962 (05061524) 0.19313 (05061524)
0.24838 (05061524) 0.28353 (05061524)
0.29478m(05050524)
3815195.5 | 0.25165 (05061524) 0.18814 (05060524)
0.18282 (05061524) 0.20976 (05061524) 0.20692
(05102224)
3815120.5 | 0.28024 (05061524) 0.21005 (05061524)
0.22647 (05061524) 0.16101 (05102224) 0.20642
(05102224)
3815045.5 | 0.31458 (05061524) 0.24310 (05061524)
0.20883 (05061524) 0.23924 (05102224) 0.26961
(05102224)
3814970.5 | 0.37937 (05061524) 0.23121 (05061624)
0.23637 (05061524) 0.25763 (05102224) 0.33712
(05110224)
3814895.5 | 0.28657 (05060524) 0.23788 (05061624)
0.24496 (05102224) 0.33436 (05102224) 0.38986
(05110224)
3814820.5 | 0.35370 (05061524) 0.29951 (05061624)
0.31894 (05102224) 0.38687 (05110224) 0.40106
(05110224)
3814745.5 | 0.56686 (05061524) 0.41950 (05061524)
0.37873 (05102224) 0.42482 (05110224) 0.35771
(05110224)
3814670.5 | 0.82207 (05061524) 0.58346 (05102224)
0.52957 (05102224) 0.40597 (05110224) 0.38956
(05101424)
3814595.5 | 0.96296 (05061524) 0.70502 (05102224)
0.53161 (05102224) 0.45041 (05101424) 0.44130
(05101424)
3814520.5 | 0.84225 (05102224) 0.72872 (05102224)
0.56940 (05101424) 0.47398 (05101424) 0.41815
(05101724)
3814445.5 | 1.43558 (05102224) 0.74465 (05101424)
0.62437 (05101424) 0.60414 (05111424) 0.74669
(05111424)
3814370.5 | 1.87602 (05060524) 1.12644 (05060524)
0.96695 (05111424) 1.05069 (05111424) 1.30593
(05111424)
3814295.5 | 2.61894 (05060524) 1.56052 (05111424)
1.18670 (05111424) 1.27392 (05111424) 2.51366

(05101824)
3814220.5 | 4.79373 (05101824) 1.87920 (05112324)
1.34152 (05112324) 1.04518 (05112324) 3.17779
(05021424)
3814145.5 | 10.70077 (05021424) 10.89601 (05021424)
1.69122 (05011124) 2.02146 (05011124) 1.44470
(05011124)
3814070.5 | 5.68082 (05112124) 13.16693 (05011324)
2.07231 (05011124) 1.79091 (05011124) 1.63136
(05021424)
3813995.5 | 22.82565 (05112024) 12.53331 (05112024)
9.90702 (05111824) 8.57347 (05103124) 1.25700
(05120824)
3813920.5 | 18.19744 (05112024) 16.30963 (05112024)
12.57209 (05112024) 1.61196 (05020924) 1.43478
(05103124)
3813845.5 | 12.35487 (05122024) 13.53606 (05112024)
9.38145 (05112024) 7.36040 (05112024) 9.87635
(05111824)
3813770.5 | 7.71148 (05122024) 10.03990 (05122024)
9.29949 (05122024) 10.24389 (05112024) 8.12693
(05112024)
3813695.5 | 5.40935 (05013124) 7.79679 (05122024)
7.61729 (05122024) 7.83337 (05112024) 7.92104
(05112024)
3813620.5 | 3.95334 (05013124) 4.79348 (05122024)
5.88848 (05122024) 6.11824 (05122024) 6.30094
(05112024)
3813545.5 | 2.91198 (05013124) 3.69303 (05013124)
4.46132 (05122024) 4.98390 (05122024) 4.70987
(05122024)
3813470.5 | 2.26412 (05011824) 2.93254 (05013124)
3.38154 (05122024) 4.07570 (05122024) 4.20076
(05122024)
3813395.5 | 1.92894 (05011824) 2.32794 (05013124)
2.81559 (05013124) 3.26472 (05122024) 3.64549
(05122024)
3813320.5 | 1.68779 (05011824) 1.84968 (05013124)
2.32975 (05013124) 2.57121 (05013124) 3.06293
(05122024)
3813245.5 | 1.59528 (05011824) 1.57216 (05013124)
1.92273 (05013124) 2.21680 (05013124) 2.51522
(05122024)
3813170.5 | 1.53504 (05011824) 1.41657 (05011824)
1.62083 (05013124) 1.91136 (05013124) 2.05650
(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_2.5 IN
MICROGRAMS/M**3 **

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

3816095.5 | 0.27626 (05020724) 0.16472m(05050524)
0.19171m(05050524) 0.10100 (05061524) 0.16912
(05012624)
3816020.5 | 0.28288 (05020724) 0.36144 (05060224)
0.33122m(05050524) 0.25142 (05012624) 0.30024
(05102224)
3815945.5 | 0.88334 (05020724) 0.56040 (05060224)
0.62009 (05102824) 0.50666 (05012624) 0.85144
(05081524)
3815870.5 | 1.02235 (05020724) 0.88289 (05102824)
0.89947 (05102824) 0.70218 (05081524) 0.97998
(05102824)
3815795.5 | 0.98033 (05020724) 1.01958 (05102824)
0.92761 (05102824) 1.01161 (05102824) 1.17600
(05102824)
3815720.5 | 1.04275 (05102824) 1.45167 (05102824)
1.48472 (05102824) 0.86364 (05102824) 1.33633
(05102824)
3815645.5 | 1.29792 (05102824) 1.73960 (05102824)
1.88210 (05102824) 1.65691 (05102824) 1.38866
(05102824)
3815570.5 | 1.05030 (05102824) 1.52666 (05102824)

1.90045 (05102824) 1.50337 (05102824) 1.32124
(05092124)
3815495.5 | 0.39166m(05050524) 0.91381 (05102224)
1.15154 (05102224) 1.18122 (05092124) 1.28196
(05092124)
3815420.5 | 0.70500m(05050524) 1.13088 (05102224)
1.19517 (05102224) 1.19034 (05120724) 1.36852
(05061824)
3815345.5 | 0.57816 (05102224) 0.73201 (05102224)
0.79974 (05102224) 1.42591 (05120724) 0.99788
(05120724)
3815270.5 | 0.31851 (05102224) 0.25034 (05110224)
0.33355 (05102224) 0.59043 (05120724) 0.27891
(05110224)
3815195.5 | 0.22750 (05102224) 0.31010 (05110224)
0.34490 (05110224) 0.30831 (05110224) 0.22535
(05110224)
3815120.5 | 0.29078 (05110224) 0.35234 (05110224)
0.33694 (05110224) 0.25818 (05110224) 0.20511
(05101424)
3815045.5 | 0.35006 (05110224) 0.36228 (05110224)
0.29427 (05110224) 0.21492 (05101424) 0.20803
(05101424)
3814970.5 | 0.38088 (05110224) 0.33208 (05110224)
0.24106 (05101424) 0.23220 (05101424) 0.19769
(05101424)
3814895.5 | 0.36869 (05110224) 0.28421 (05102224)
0.26603 (05101424) 0.27348 (05120324) 0.28691
(05120324)
3814820.5 | 0.31128 (05101424) 0.32241 (05102224)
0.39982 (05120324) 0.61407 (05120324) 1.07669
(05120224)
3814745.5 | 0.31718 (05101424) 0.29625 (05101424)
0.23926 (05101424) 0.24722 (05120324) 0.24239
(05101724)
3814670.5 | 0.36148 (05101424) 0.27594 (05101424)
0.26098 (05103124) 0.45232 (05120324) 0.68977
(05120324)
3814595.5 | 0.43362 (05120324) 0.61389 (05120324)
0.43397 (05111424) 0.70993 (05111424) 3.22241
(05102824)
3814520.5 | 1.08665 (05120324) 1.82432 (05102824)
2.14685 (05102824) 1.03204 (05111424) 3.16006
(05102824)
3814445.5 | 0.82180 (05111424) 1.08137 (05111424)
3.29531 (05102824) 2.70692 (05102824) 3.63021
(05102824)
3814370.5 | 1.16378 (05111424) 0.71680 (05111424)
0.76655 (05111424) 2.65306 (05110224) 1.76101
(05121824)
3814295.5 | 4.95183 (05102924) 3.43745 (05121824)
2.13108 (05101824) 2.39759 (05101824) 2.10841

(05101824)
3814220.5 | 5.56652 (05021424) 6.64350 (05021424)
5.64483 (05021424) 4.00430 (05021424) 0.93635
(05010524)
3814145.5 | 8.27579 (05021424) 9.41838 (05021424)
7.68376 (05021424) 5.58590 (05021424) 6.22844
(05021424)
3814070.5 | 11.00736m(05103024) 9.84188m(05103024)
7.49292 (05021424) 7.05060 (05021424) 6.57859
(05021424)
3813995.5 | 10.62262m(05103024) 9.77266m(05103024)
8.22993m(05103024) 6.24812m(05103024) 5.14942
(05021424)
3813920.5 | 5.73221 (05103124) 4.71394 (05103124)
7.58715m(05103024) 6.53237m(05103024)
5.22184m(05103024)
3813845.5 | 4.53146 (05103124) 6.52316 (05103124)
5.93844 (05103124) 3.78915 (05103124)
5.97663m(05103024)
3813770.5 | 8.29975 (05111824) 7.43753 (05120524)
6.57074 (05103124) 5.68008 (05103124) 5.25178
(05103124)
3813695.5 | 6.76137 (05112024) 6.36053 (05111824)
4.57328 (05120524) 5.39688 (05103124) 5.26405
(05103124)
3813620.5 | 5.67000 (05112024) 5.52921 (05112024)
5.26377 (05112024) 5.17097 (05120524) 4.49765
(05120524)
3813545.5 | 4.68558 (05120624) 4.97950 (05112024)
4.40527 (05112024) 4.22933 (05112024) 3.91415
(05120524)
3813470.5 | 3.85561 (05122024) 3.91612 (05012324)
4.31698 (05012324) 4.04685 (05112024) 3.59929
(05112024)
3813395.5 | 3.57137 (05122024) 3.32935 (05120624)
3.51171 (05012324) 3.93992 (05012324) 3.40624
(05112224)
3813320.5 | 3.23109 (05122024) 3.04730 (05122024)
2.99381 (05120624) 3.39947 (05120624) 2.97600
(05012324)
3813245.5 | 2.83850 (05122024) 2.85284 (05122024)
2.59508 (05122024) 2.69357 (05012324) 3.13015
(05012324)
3813170.5 | 2.42134 (05122024) 2.59319 (05122024)
2.49816 (05122024) 2.28088 (05120624) 2.53756
(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_2.5 IN
MICROGRAMS/M**3 **

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

3816095.5 | 0.69979 (05081524) 0.42052 (05102224)
0.26694 (05102224) 0.23144 (05102224) 0.56228
(05120724)
3816020.5 | 0.52408 (05102224) 0.78563 (05102224)
0.37004 (05102224) 0.75824 (05120724) 0.89914
(05120724)
3815945.5 | 0.77242 (05102224) 0.71250 (05092124)
0.69103 (05120724) 0.94327 (05120724) 0.90399
(05121224)
3815870.5 | 0.87660 (05102224) 0.79600 (05092124)
0.97988 (05120724) 0.95783 (05121224) 0.94898
(05061824)
3815795.5 | 1.13815 (05092124) 0.95041 (05092124)
0.99599 (05121224) 0.89385 (05061824) 0.91287
(05061824)
3815720.5 | 1.19087 (05092124) 1.04569 (05061824)
1.06320 (05121224) 0.99259 (05061824) 0.86276
(05061824)
3815645.5 | 1.15962 (05092124) 1.12331 (05121224)
1.11191 (05061824) 0.92605 (05061824) 0.80418
(05051224)
3815570.5 | 1.13364 (05121224) 1.10003 (05061824)

1.03448 (05061824) 0.90142 (05051224)
0.94818m(05042524)
3815495.5 | 1.29778 (05061824) 1.12513 (05061824)
0.94863 (05051224) 0.90041 (05051224)
0.93170m(05042524)
3815420.5 | 1.35183 (05061824) 1.11674 (05061824)
0.99274 (05051224) 0.98220m(05042524) 1.13950
(05062024)
3815345.5 | 1.30251 (05061824) 1.18462m(05042524)
1.24941 (05062024) 1.31587 (05062024) 1.37358
(05062024)
3815270.5 | 1.13178 (05051224) 1.32590m(05042524)
1.11780m(05042524) 1.83514 (05062024) 1.56032
(05062024)
3815195.5 | 0.74011 (05102724) 1.03104 (05102724)
1.20876 (05102724) 1.24818 (05062024) 1.96569
(05062024)
3815120.5 | 0.27541 (05102224) 0.31538 (05102724)
0.31451 (05120324) 0.38908 (05120324) 1.04964
(05120224)
3815045.5 | 0.18675 (05120324) 0.25458 (05120324)
0.37160 (05120324) 0.99079 (05062024)
0.93889m(05031424)
3814970.5 | 0.29998 (05120324) 0.28517 (05120324)
0.23401 (05120324) 0.34763 (05120324) 0.85109
(05120324)
3814895.5 | 0.49686 (05120324) 0.89384 (05120324)
0.42883 (05120324) 0.73985 (05120324) 1.28636
(05102824)
3814820.5 | 1.33826 (05120324) 1.74167 (05102824)
1.20357 (05102824) 0.95527 (05102824) 2.18635
(05102824)
3814745.5 | 1.15023 (05120324) 2.51930 (05102824)
2.22534 (05102824) 2.29193 (05102824) 1.36972
(05102824)
3814670.5 | 0.62947 (05111424) 2.54473 (05102824)
2.32429 (05102824) 2.19875 (05102824) 2.34127
(05102824)
3814595.5 | 2.56257 (05102824) 2.54922 (05102824)
2.28914 (05102824) 1.90267 (05021324) 2.34652
(05102824)
3814520.5 | 3.63486 (05102824) 3.09020 (05102824)
2.72596 (05102824) 2.62822 (05010124) 1.74980
(05110224)
3814445.5 | 2.81389 (05110224) 1.95204 (05110224)
2.87716 (05010124) 2.23666 (05110224) 2.46919
(05012724)
3814370.5 | 3.69267 (05110224) 3.59608 (05012724)
3.40533 (05012724) 2.57143 (05012724) 2.61365
(05012724)
3814295.5 | 3.79034 (05110224) 3.90814 (05110224)
2.92578 (05110224) 2.67057 (05012724) 2.55175

(05012724)
3814220.5 | 1.60154 (05010524) 4.13448 (05110224)
3.54153 (05110224) 2.68942 (05110224) 2.43634
(05110224)
3814145.5 | 3.99441 (05021424) 4.23572 (05021424)
3.94790 (05021424) 3.73507 (05021424) 2.78026
(05021424)
3814070.5 | 5.94846 (05021424) 5.53403 (05021424)
4.12575 (05021424) 4.48120 (05021424) 3.40616
(05021424)
3813995.5 | 5.16464 (05021424) 4.43800 (05021424)
4.13494 (05021424) 4.24461 (05021424) 3.78855
(05021424)
3813920.5 | 4.41627m(05103024) 3.79916m(05103024)
3.39859 (05021424) 3.26376 (05021424) 3.13177
(05021424)
3813845.5 | 5.01413m(05103024) 4.08547m(05103024)
3.56847m(05103024) 3.09336m(05103024) 2.71856
(05121224)
3813770.5 | 5.16779m(05103024) 4.81848m(05103024)
4.16382m(05103024) 3.34779m(05103024)
2.95018m(05103024)
3813695.5 | 3.98056 (05103124) 3.75310m(05103024)
3.56778m(05103024) 3.29754m(05103024)
3.04475m(05103024)
3813620.5 | 3.57257 (05103124) 3.28911 (05103124)
3.03346m(05103024) 3.00239m(05103024)
2.90377m(05103024)
3813545.5 | 3.23150 (05120524) 3.01768 (05103124)
2.88221 (05103124) 2.68932 (05103124)
2.53186m(05103024)
3813470.5 | 3.00642 (05120524) 2.75360 (05120524)
2.61685 (05120524) 2.52897 (05103124) 2.41302
(05103124)
3813395.5 | 2.78696 (05112024) 2.51241 (05112224)
2.38650 (05120524) 2.30435 (05120524) 2.22089
(05103124)
3813320.5 | 2.55645 (05112024) 2.36992 (05112224)
2.25832 (05112224) 2.08529 (05120524) 2.03730
(05120524)
3813245.5 | 2.48340 (05012324) 2.09967 (05112224)
2.10893 (05112224) 2.04125 (05112224) 1.89445
(05112224)
3813170.5 | 2.45650 (05012324) 2.17538 (05012324)
1.88210 (05012324) 1.89067 (05112224) 1.85536
(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	0.34556	(05102224)
350283.70	3815266.49	0.28464	(05061524)
350539.82	3814604.70	0.35811	(05111424)
350467.63	3814245.45	5.04522	(05021424)
350008.68	3813941.20	19.56579	(05122024)
350147.91	3813936.04	17.48845	(05112024)
350557.01	3814453.44	3.39162	(05102824)
349200.78	3815251.02	0.25096	(05122624)
349173.28	3815257.89	0.21491	(05110924)
348862.58	3814174.11	1.52372	(05122324)
348862.58	3815183.55	0.31204	(05010424)
350494.71	3815179.68	0.32052	(05110224)
350486.97	3814363.62	0.71705	(05111424)
350216.24	3814363.62	1.01570	(05111424)
350216.24	3814193.45	1.27517	(05112324)
349991.92	3813969.12	17.90308	(05122024)
349794.67	3813961.39	8.60669	(05011824)
349597.42	3814065.81	6.01709	(05123024)
349121.71	3814085.15	1.90138	(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 5.29044 AT (350045.28,
3813995.46, 379.10, 524.00, 0.00) GC UCART1
2ND HIGHEST VALUE IS 4.46573 AT (349670.28,
3814370.46, 390.90, 524.00, 0.00) GC UCART1
3RD HIGHEST VALUE IS 4.38522 AT (349820.28,
3814070.46, 376.60, 524.00, 0.00) GC UCART1
4TH HIGHEST VALUE IS 4.17441 AT (350120.28,
3814070.46, 390.30, 520.00, 0.00) GC UCART1
5TH HIGHEST VALUE IS 3.89510 AT (350008.68,
3813941.20, 374.50, 524.00, 0.00) DC
6TH HIGHEST VALUE IS 3.84514 AT (349745.28,
3814070.46, 386.70, 524.00, 0.00) GC UCART1
7TH HIGHEST VALUE IS 3.83208 AT (349595.28,
3814295.46, 383.90, 524.00, 0.00) GC UCART1
8TH HIGHEST VALUE IS 3.77130 AT (349991.92,
3813969.12, 381.07, 520.00, 0.00) DC
9TH HIGHEST VALUE IS 3.63900 AT (349595.28,
3814370.46, 386.90, 524.00, 0.00) GC UCART1
10TH HIGHEST VALUE IS 3.54620 AT (350147.91,
3813936.04, 378.90, 520.00, 0.00) DC

*** 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 22.82565 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
                                   ***
***        14:50:49

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 ***
    ************************************
```