Appendix A
Air Quality/Energy/Greenhouse Gas Emissions Data & Health Risk Assessment

Ethanac Travel Center Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Ethanac Travel Center
Construction Start Date	6/5/2024
Operational Year	2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.74454541324506, -117.18688353959703
County	Riverside-South Coast
City	Perris
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5512
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.17

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Fast Food Restaurant with Drive Thru	2.23	1000sqft	0.05	2,230	0.00	0.00	—	—
Convenience Market with Gas Pumps	16.0	Pump	14.3	2,259	0.00	0.00	—	—
Gasoline/Service Station	7.00	Pump	0.02	988	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-A	Water Exposed Surfaces

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.0	8.45	80.0	77.0	0.15	3.39	19.9	22.4	3.12	10.2	11.6	—	16,226	16,226	0.66	0.15	2.48	16,290
Mit.	2.47	2.32	16.8	88.6	0.15	0.59	7.89	8.33	0.57	3.99	4.09	—	16,226	16,226	0.66	0.15	2.48	16,290
% Reduced	75%	73%	79%	-15%	—	83%	60%	63%	82%	61%	65%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.45	1.21	11.3	13.3	0.02	0.50	0.03	0.53	0.46	0.01	0.47	—	2,452	2,452	0.10	0.02	< 0.005	2,461
Mit.	0.45	0.41	3.59	14.9	0.02	0.12	0.03	0.15	0.11	0.01	0.12	—	2,452	2,452	0.10	0.02	< 0.005	2,461

% Reduced	69%	66%	68%	-13%	—	76%	—	71%	75%	—	74%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.00	0.84	7.88	8.15	0.01	0.34	1.40	1.74	0.31	0.57	0.88	—	1,615	1,615	0.07	0.02	0.11	1,622
Mit.	0.28	0.26	2.10	9.16	0.01	0.07	0.58	0.66	0.07	0.23	0.30	—	1,615	1,615	0.07	0.02	0.11	1,622
% Reduced	71%	69%	73%	-12%	—	78%	59%	62%	78%	60%	66%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.18	0.15	1.44	1.49	< 0.005	0.06	0.26	0.32	0.06	0.10	0.16	—	267	267	0.01	< 0.005	0.02	268
Mit.	0.05	0.05	0.38	1.67	< 0.005	0.01	0.11	0.12	0.01	0.04	0.05	—	267	267	0.01	< 0.005	0.02	268
% Reduced	71%	69%	73%	-12%	—	78%	59%	62%	78%	60%	66%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	10.0	8.45	80.0	77.0	0.15	3.39	19.9	22.4	3.12	10.2	11.6	—	16,226	16,226	0.66	0.15	2.48	16,290
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.45	1.21	11.3	13.3	0.02	0.50	0.03	0.53	0.46	0.01	0.47	—	2,452	2,452	0.10	0.02	< 0.005	2,461
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.00	0.84	7.88	8.15	0.01	0.34	1.40	1.74	0.31	0.57	0.88	—	1,615	1,615	0.07	0.02	0.11	1,622
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2024	0.18	0.15	1.44	1.49	< 0.005	0.06	0.26	0.32	0.06	0.10	0.16	—	267	267	0.01	< 0.005	0.02	268

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.47	2.32	16.8	88.6	0.15	0.59	7.89	8.33	0.57	3.99	4.09	—	16,226	16,226	0.66	0.15	2.48	16,290
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.45	0.41	3.59	14.9	0.02	0.12	0.03	0.15	0.11	0.01	0.12	—	2,452	2,452	0.10	0.02	< 0.005	2,461
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.28	0.26	2.10	9.16	0.01	0.07	0.58	0.66	0.07	0.23	0.30	—	1,615	1,615	0.07	0.02	0.11	1,622
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.05	0.05	0.38	1.67	< 0.005	0.01	0.11	0.12	0.01	0.04	0.05	—	267	267	0.01	< 0.005	0.02	268

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	46.5	41.9	51.1	468	1.14	0.87	95.5	96.4	0.82	24.3	25.1	21.3	116,755	116,776	6.34	4.91	945	119,342
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	43.7	39.1	54.8	384	1.07	0.87	95.5	96.4	0.82	24.3	25.1	21.3	109,578	109,600	6.45	5.08	484	111,758

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	34.7	31.1	44.7	319	0.86	0.69	76.2	76.9	0.65	19.4	20.0	21.3	88,313	88,334	5.59	4.10	635	90,329
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.34	5.67	8.16	58.1	0.16	0.13	13.9	14.0	0.12	3.53	3.65	3.53	14,621	14,625	0.93	0.68	105	14,955

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	46.5	41.7	51.0	468	1.14	0.86	95.5	96.4	0.81	24.3	25.1	—	116,488	116,488	4.18	4.90	473	118,526
Area	0.04	0.17	< 0.005	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.98	0.98	< 0.005	< 0.005	—	0.98
Energy	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.02	< 0.005	—	261
Water	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Waste	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Total	46.5	41.9	51.1	468	1.14	0.87	95.5	96.4	0.82	24.3	25.1	21.3	116,755	116,776	6.34	4.91	945	119,342
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	43.7	39.0	54.7	384	1.07	0.86	95.5	96.4	0.81	24.3	25.1	—	109,312	109,312	4.29	5.07	12.3	110,943
Area	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.02	< 0.005	—	261
Water	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Waste	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472

Total	43.7	39.1	54.8	384	1.07	0.87	95.5	96.4	0.82	24.3	25.1	21.3	109,578	109,600	6.45	5.08	484	111,758
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	34.7	30.9	44.6	318	0.86	0.69	76.2	76.9	0.65	19.4	20.0	—	88,045	88,045	3.43	4.09	163	89,513
Area	0.03	0.16	< 0.005	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.67	0.67	< 0.005	< 0.005	—	0.67
Energy	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.02	< 0.005	—	261
Water	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Waste	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Total	34.7	31.1	44.7	319	0.86	0.69	76.2	76.9	0.65	19.4	20.0	21.3	88,313	88,334	5.59	4.10	635	90,329
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.33	5.64	8.14	58.1	0.16	0.13	13.9	14.0	0.12	3.53	3.65	—	14,577	14,577	0.57	0.68	27.0	14,820
Area	0.01	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11
Energy	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.1	43.1	< 0.005	< 0.005	—	43.3
Water	—	—	—	—	—	—	—	—	—	—	—	0.30	1.01	1.31	0.03	< 0.005	—	2.29
Waste	—	—	—	—	—	—	—	—	—	—	—	3.23	0.00	3.23	0.32	0.00	—	11.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	78.1	78.1
Total	6.34	5.67	8.16	58.1	0.16	0.13	13.9	14.0	0.12	3.53	3.65	3.53	14,621	14,625	0.93	0.68	105	14,955

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	46.5	41.7	51.0	468	1.14	0.86	95.5	96.4	0.81	24.3	25.1	—	116,488	116,488	4.18	4.90	473	118,526
Area	0.04	0.17	< 0.005	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.98	0.98	< 0.005	< 0.005	—	0.98
Energy	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.02	< 0.005	—	261

Water	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Waste	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Total	46.5	41.9	51.1	468	1.14	0.87	95.5	96.4	0.82	24.3	25.1	21.3	116,755	116,776	6.34	4.91	945	119,342
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	43.7	39.0	54.7	384	1.07	0.86	95.5	96.4	0.81	24.3	25.1	—	109,312	109,312	4.29	5.07	12.3	110,943
Area	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.02	< 0.005	—	261
Water	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Waste	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Total	43.7	39.1	54.8	384	1.07	0.87	95.5	96.4	0.82	24.3	25.1	21.3	109,578	109,600	6.45	5.08	484	111,758
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	34.7	30.9	44.6	318	0.86	0.69	76.2	76.9	0.65	19.4	20.0	—	88,045	88,045	3.43	4.09	163	89,513
Area	0.03	0.16	< 0.005	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.67	0.67	< 0.005	< 0.005	—	0.67
Energy	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	260	260	0.02	< 0.005	—	261
Water	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Waste	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Total	34.7	31.1	44.7	319	0.86	0.69	76.2	76.9	0.65	19.4	20.0	21.3	88,313	88,334	5.59	4.10	635	90,329
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	6.33	5.64	8.14	58.1	0.16	0.13	13.9	14.0	0.12	3.53	3.65	—	14,577	14,577	0.57	0.68	27.0	14,820
Area	0.01	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11
Energy	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.1	43.1	< 0.005	< 0.005	—	43.3
Water	—	—	—	—	—	—	—	—	—	—	—	0.30	1.01	1.31	0.03	< 0.005	—	2.29
Waste	—	—	—	—	—	—	—	—	—	—	—	3.23	0.00	3.23	0.32	0.00	—	11.3

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	78.1	78.1
Total	6.34	5.67	8.16	58.1	0.16	0.13	13.9	14.0	0.12	3.53	3.65	3.53	14,621	14,625	0.93	0.68	105	14,955

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.30	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	43.5	43.5	< 0.005	< 0.005	—	43.7
Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.21	7.21	< 0.005	< 0.005	—	7.23
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.93	1.93	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.2. Site Preparation (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	7.67	7.67	—	3.94	3.94	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.23	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	43.5	43.5	< 0.005	< 0.005	—	43.7
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.21	7.21	< 0.005	< 0.005	—	7.23
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.93	1.93	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.32	0.32	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.3. Grading (onsite) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621

Dust From Material Movement	—	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.45	0.38	3.66	3.22	0.01	0.15	—	0.15	0.14	—	0.14	—	705	705	0.03	0.01	—	707
Dust From Material Movement	—	—	—	—	—	—	0.98	0.98	—	0.39	0.39	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.67	0.59	< 0.005	0.03	—	0.03	0.03	—	0.03	—	117	117	< 0.005	< 0.005	—	117
Dust From Material Movement	—	—	—	—	—	—	0.18	0.18	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.6	28.6	< 0.005	< 0.005	0.05	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.74	4.74	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.4. Grading (onsite) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16	1.06	8.61	34.9	0.06	0.35	—	0.35	0.33	—	0.33	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.11	0.92	3.73	0.01	0.04	—	0.04	0.04	—	0.04	—	705	705	0.03	0.01	—	707
Dust From Material Movement	—	—	—	—	—	—	0.38	0.38	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.68	< 0.005	0.01	—	0.01	0.01	—	0.01	—	117	117	< 0.005	< 0.005	—	117
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.6	28.6	< 0.005	< 0.005	0.05	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.74	4.74	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.5. Grading (offsite) (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.75	0.66	< 0.005	0.03	—	0.03	0.03	—	0.03	—	145	145	0.01	< 0.005	—	145
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.08	0.08	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	23.9	23.9	< 0.005	< 0.005	—	24.0
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.87	5.87	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.6. Grading (offsite) (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	3.59	3.59	—	1.42	1.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.77	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	—	145
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.9	23.9	< 0.005	< 0.005	—	24.0

Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.87	5.87	< 0.005	< 0.005	0.01	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.97	0.97	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.7. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.28	2.64	3.09	0.01	0.12	—	0.12	0.11	—	0.11	—	565	565	0.02	< 0.005	—	567
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.48	0.56	< 0.005	0.02	—	0.02	0.02	—	0.02	—	93.5	93.5	< 0.005	< 0.005	—	93.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.4	28.4	< 0.005	< 0.005	0.11	—
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.9	27.9	< 0.005	< 0.005	0.08	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26.1	26.1	< 0.005	< 0.005	< 0.005	—
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.9	27.9	< 0.005	< 0.005	< 0.005	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.24	6.24	< 0.005	< 0.005	0.01	—
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.57	6.57	< 0.005	< 0.005	0.01	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	—
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.09	1.09	< 0.005	< 0.005	< 0.005	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.8. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.44	0.40	3.55	14.8	0.02	0.12	—	0.12	0.11	—	0.11	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.44	0.40	3.55	14.8	0.02	0.12	—	0.12	0.11	—	0.11	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.09	0.84	3.49	0.01	0.03	—	0.03	0.03	—	0.03	—	565	565	0.02	< 0.005	—	567
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.64	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	93.5	93.5	< 0.005	< 0.005	—	93.9
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.4	28.4	< 0.005	< 0.005	0.11	—
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.9	27.9	< 0.005	< 0.005	0.08	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	26.1	26.1	< 0.005	< 0.005	< 0.005	—
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	27.9	27.9	< 0.005	< 0.005	< 0.005	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.24	6.24	< 0.005	< 0.005	0.01	—
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.57	6.57	< 0.005	< 0.005	0.01	—

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.03	1.03	< 0.005	< 0.005	< 0.005	—
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.09	1.09	< 0.005	< 0.005	< 0.005	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.9. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.49	0.63	< 0.005	0.02	—	0.02	0.02	—	0.02	—	95.3	95.3	< 0.005	< 0.005	—	95.6
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.8

Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.7	12.7	< 0.005	< 0.005	0.02	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.10	2.10	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.10. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.28	0.26	3.15	10.5	0.01	0.08	—	0.08	0.08	—	0.08	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.20	0.66	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	95.3	95.3	< 0.005	< 0.005	—	95.6
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	15.8	15.8	< 0.005	< 0.005	—	15.8
Paving	—	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.7	12.7	< 0.005	< 0.005	0.02	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.10	2.10	< 0.005	< 0.005	< 0.005	—
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	29.1	26.1	31.9	293	0.71	0.54	59.8	60.4	0.51	15.2	15.7	—	72,964	72,964	2.62	3.07	297	74,240
Gasoline/Service Station	17.4	15.6	19.0	175	0.43	0.32	35.7	36.0	0.30	9.06	9.37	—	43,524	43,524	1.56	1.83	177	44,286

Total	46.5	41.7	51.0	468	1.14	0.86	95.5	96.4	0.81	24.3	25.1	—	116,488	116,488	4.18	4.90	473	118,526
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	27.4	24.4	34.3	240	0.67	0.54	59.8	60.4	0.51	15.2	15.7	—	68,469	68,469	2.69	3.18	7.69	69,490
Gasoline /Service Station	16.3	14.6	20.5	143	0.40	0.32	35.7	36.0	0.30	9.06	9.37	—	40,843	40,843	1.60	1.89	4.59	41,452
Total	43.7	39.0	54.7	384	1.07	0.86	95.5	96.4	0.81	24.3	25.1	—	109,312	109,312	4.29	5.07	12.3	110,943
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	3.37	3.00	4.33	30.9	0.08	0.07	7.40	7.46	0.06	1.88	1.94	—	7,751	7,751	0.30	0.36	14.4	7,880
Gasoline /Service Station	2.96	2.64	3.81	27.2	0.07	0.06	6.51	6.57	0.06	1.65	1.71	—	6,826	6,826	0.27	0.32	12.6	6,940
Total	6.33	5.64	8.14	58.1	0.16	0.13	13.9	14.0	0.12	3.53	3.65	—	14,577	14,577	0.57	0.68	27.0	14,820

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	29.1	26.1	31.9	293	0.71	0.54	59.8	60.4	0.51	15.2	15.7	—	72,964	72,964	2.62	3.07	297	74,240
Gasoline /Service Station	17.4	15.6	19.0	175	0.43	0.32	35.7	36.0	0.30	9.06	9.37	—	43,524	43,524	1.56	1.83	177	44,286
Total	46.5	41.7	51.0	468	1.14	0.86	95.5	96.4	0.81	24.3	25.1	—	116,488	116,488	4.18	4.90	473	118,526
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	27.4	24.4	34.3	240	0.67	0.54	59.8	60.4	0.51	15.2	15.7	—	68,469	68,469	2.69	3.18	7.69	69,490
Gasoline /Service Station	16.3	14.6	20.5	143	0.40	0.32	35.7	36.0	0.30	9.06	9.37	—	40,843	40,843	1.60	1.89	4.59	41,452
Total	43.7	39.0	54.7	384	1.07	0.86	95.5	96.4	0.81	24.3	25.1	—	109,312	109,312	4.29	5.07	12.3	110,943

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	3.37	3.00	4.33	30.9	0.08	0.07	7.40	7.46	0.06	1.88	1.94	—	7,751	7,751	0.30	0.36	14.4	7,880
Gasoline /Service Station	2.96	2.64	3.81	27.2	0.07	0.06	6.51	6.57	0.06	1.65	1.71	—	6,826	6,826	0.27	0.32	12.6	6,940
Total	6.33	5.64	8.14	58.1	0.16	0.13	13.9	14.0	0.12	3.53	3.65	—	14,577	14,577	0.57	0.68	27.0	14,820

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	74.8	74.8	0.01	< 0.005	—	75.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	69.2	69.2	0.01	< 0.005	—	69.6

Gasoline Station	—	—	—	—	—	—	—	—	—	—	—	—	9.03	9.03	< 0.005	< 0.005	—	9.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	153	153	0.01	< 0.005	—	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	74.8	74.8	0.01	< 0.005	—	75.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	69.2	69.2	0.01	< 0.005	—	69.6
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	9.03	9.03	< 0.005	< 0.005	—	9.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	153	153	0.01	< 0.005	—	154
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	12.4	12.4	< 0.005	< 0.005	—	12.5
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.5	< 0.005	< 0.005	—	11.5
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	1.50	1.50	< 0.005	< 0.005	—	1.50
Total	—	—	—	—	—	—	—	—	—	—	—	—	25.3	25.3	< 0.005	< 0.005	—	25.5

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	74.8	74.8	0.01	< 0.005	—	75.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	69.2	69.2	0.01	< 0.005	—	69.6
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	9.03	9.03	< 0.005	< 0.005	—	9.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	153	153	0.01	< 0.005	—	154
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	74.8	74.8	0.01	< 0.005	—	75.2
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	69.2	69.2	0.01	< 0.005	—	69.6

Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	9.03	9.03	< 0.005	< 0.005	—	9.08
Total	—	—	—	—	—	—	—	—	—	—	—	—	153	153	0.01	< 0.005	—	154
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	12.4	12.4	< 0.005	< 0.005	—	12.5
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.5	< 0.005	< 0.005	—	11.5
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	1.50	1.50	< 0.005	< 0.005	—	1.50
Total	—	—	—	—	—	—	—	—	—	—	—	—	25.3	25.3	< 0.005	< 0.005	—	25.5

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	81.5	81.5	0.01	< 0.005	—	81.7

Convenience Market with Gas Pumps	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.2	12.2	< 0.005	< 0.005	—	12.2
Gasoline /Service Station	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.6	13.6	< 0.005	< 0.005	—	13.6
Total	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	107	107	0.01	< 0.005	—	108
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	81.5	81.5	0.01	< 0.005	—	81.7
Convenience Market with Gas Pumps	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.2	12.2	< 0.005	< 0.005	—	12.2
Gasoline /Service Station	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.6	13.6	< 0.005	< 0.005	—	13.6
Total	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	107	107	0.01	< 0.005	—	108
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5
Convenience Market with Gas Pumps	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.01	2.01	< 0.005	< 0.005	—	2.02

Gasoline Station	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.25	2.25	< 0.005	< 0.005	—	2.26
Total	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.8	17.8	< 0.005	< 0.005	—	17.8

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	81.5	81.5	0.01	< 0.005	—	81.7
Convenience Market with Gas Pumps	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.2	12.2	< 0.005	< 0.005	—	12.2
Gasoline /Service Station	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.6	13.6	< 0.005	< 0.005	—	13.6
Total	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	107	107	0.01	< 0.005	—	108
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	81.5	81.5	0.01	< 0.005	—	81.7

Convenience Market with Gas Pumps	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	12.2	12.2	< 0.005	< 0.005	—	12.2
Gasoline /Service Station	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.6	13.6	< 0.005	< 0.005	—	13.6
Total	0.01	< 0.005	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	107	107	0.01	< 0.005	—	108
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.5	13.5	< 0.005	< 0.005	—	13.5
Convenience Market with Gas Pumps	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.01	2.01	< 0.005	< 0.005	—	2.02
Gasoline /Service Station	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.25	2.25	< 0.005	< 0.005	—	2.26
Total	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.8	17.8	< 0.005	< 0.005	—	17.8

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	0.04	< 0.005	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.98	0.98	< 0.005	< 0.005	—	0.98
Total	0.04	0.17	< 0.005	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.98	0.98	< 0.005	< 0.005	—	0.98
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.01	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11
Total	0.01	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.04	0.04	< 0.005	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.98	0.98	< 0.005	< 0.005	—	0.98
Total	0.04	0.17	< 0.005	0.24	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.98	0.98	< 0.005	< 0.005	—	0.98
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	0.01	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11
Total	0.01	0.03	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.30	4.40	5.70	0.13	< 0.005	—	9.99
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	1.09	1.41	0.03	< 0.005	—	2.47
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.18	0.60	0.78	0.02	< 0.005	—	1.37
Total	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.30	4.40	5.70	0.13	< 0.005	—	9.99
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	1.09	1.41	0.03	< 0.005	—	2.47
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.18	0.60	0.78	0.02	< 0.005	—	1.37
Total	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	0.21	0.73	0.94	0.02	< 0.005	—	1.65
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.05	0.18	0.23	0.01	< 0.005	—	0.41
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.03	0.10	0.13	< 0.005	< 0.005	—	0.23
Total	—	—	—	—	—	—	—	—	—	—	—	0.30	1.01	1.31	0.03	< 0.005	—	2.29

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.30	4.40	5.70	0.13	< 0.005	—	9.99
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	1.09	1.41	0.03	< 0.005	—	2.47
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.18	0.60	0.78	0.02	< 0.005	—	1.37
Total	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	1.30	4.40	5.70	0.13	< 0.005	—	9.99
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.32	1.09	1.41	0.03	< 0.005	—	2.47
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.18	0.60	0.78	0.02	< 0.005	—	1.37
Total	—	—	—	—	—	—	—	—	—	—	—	1.80	6.09	7.89	0.18	< 0.005	—	13.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	0.21	0.73	0.94	0.02	< 0.005	—	1.65
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.05	0.18	0.23	0.01	< 0.005	—	0.41
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.03	0.10	0.13	< 0.005	< 0.005	—	0.23
Total	—	—	—	—	—	—	—	—	—	—	—	0.30	1.01	1.31	0.03	< 0.005	—	2.29

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	13.8	0.00	13.8	1.38	0.00	—	48.4
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8

Gasoline /Service	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.11
Total	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	13.8	0.00	13.8	1.38	0.00	—	48.4
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.11
Total	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	2.29	0.00	2.29	0.23	0.00	—	8.02
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.12
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.18
Total	—	—	—	—	—	—	—	—	—	—	—	3.23	0.00	3.23	0.32	0.00	—	11.3

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	13.8	0.00	13.8	1.38	0.00	—	48.4
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.11
Total	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	13.8	0.00	13.8	1.38	0.00	—	48.4
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	3.65	0.00	3.65	0.37	0.00	—	12.8

Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	2.03	0.00	2.03	0.20	0.00	—	7.11
Total	—	—	—	—	—	—	—	—	—	—	—	19.5	0.00	19.5	1.95	0.00	—	68.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	2.29	0.00	2.29	0.23	0.00	—	8.02
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	0.60	0.00	0.60	0.06	0.00	—	2.12
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.34	0.00	0.34	0.03	0.00	—	1.18
Total	—	—	—	—	—	—	—	—	—	—	—	3.23	0.00	3.23	0.32	0.00	—	11.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49

Convenience	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.58	0.58
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77.5	77.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	78.1	78.1

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.49	3.49
Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	468	468
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	472
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fast Food Restaurant with Drive Thru	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.58	0.58

Convenience Market with Gas Pumps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77.5	77.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	78.1	78.1

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	6/5/2024	6/8/2024	5.00	3.00	—
Grading (onsite)	Grading	6/9/2024	8/1/2024	5.00	39.0	—
Grading (offsite)	Grading	7/17/2024	7/28/2024	5.00	8.00	—
Building Construction	Building Construction	7/12/2024	11/10/2024	5.00	86.0	—
Paving	Paving	8/14/2024	9/15/2024	5.00	23.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading (onsite)	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading (onsite)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (onsite)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading (onsite)	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading (onsite)	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

Grading (offsite)	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading (offsite)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (offsite)	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading (offsite)	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading (offsite)	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading (onsite)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading (onsite)	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading (onsite)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading (onsite)	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading (onsite)	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Grading (onsite)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37

Grading (offsite)	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading (offsite)	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading (offsite)	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading (offsite)	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading (offsite)	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading (onsite)	—	—	—	—

Grading (onsite)	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading (onsite)	Vendor	—	10.2	HHDT,MHDT
Grading (onsite)	Hauling	0.00	20.0	HHDT
Grading (onsite)	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	1.98	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.90	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Grading (offsite)	—	—	—	—
Grading (offsite)	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading (offsite)	Vendor	—	10.2	HHDT,MHDT
Grading (offsite)	Hauling	0.00	20.0	HHDT
Grading (offsite)	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT

Grading (onsite)	—	—	—	—
Grading (onsite)	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading (onsite)	Vendor	—	10.2	HHDT,MHDT
Grading (onsite)	Hauling	0.00	20.0	HHDT
Grading (onsite)	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	1.98	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	0.90	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Grading (offsite)	—	—	—	—
Grading (offsite)	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading (offsite)	Vendor	—	10.2	HHDT,MHDT
Grading (offsite)	Hauling	0.00	20.0	HHDT
Grading (offsite)	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Ton of Debris)	Material Exported (Ton of Debris)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	4.50	0.00	—
Grading (onsite)	0.00	0.00	117	0.00	—
Grading (offsite)	0.00	0.00	24.0	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Fast Food Restaurant with Drive Thru	0.00	0%
Convenience Market with Gas Pumps	0.00	0%
Gasoline/Service Station	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	3,217	3,217	5,160	1,275,606	52,655	52,655	84,450	20,876,937
Gasoline/Service Station	3,078	3,078	3,078	1,123,485	50,376	50,376	50,376	18,387,272

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Fast Food Restaurant with Drive Thru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Convenience Market with Gas Pumps	3,217	3,217	5,160	1,275,606	52,655	52,655	84,450	20,876,937
Gasoline/Service Station	3,078	3,078	3,078	1,123,485	50,376	50,376	50,376	18,387,272

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	8,216	2,739	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Fast Food Restaurant with Drive Thru	78,306	349	0.0330	0.0040	254,351
Convenience Market with Gas Pumps	72,468	349	0.0330	0.0040	37,917
Gasoline/Service Station	9,454	349	0.0330	0.0040	42,435

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Fast Food Restaurant with Drive Thru	78,306	349	0.0330	0.0040	254,351
Convenience Market with Gas Pumps	72,468	349	0.0330	0.0040	37,917
Gasoline/Service Station	9,454	349	0.0330	0.0040	42,435

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Fast Food Restaurant with Drive Thru	676,880	0.00
Convenience Market with Gas Pumps	167,315	0.00
Gasoline/Service Station	92,973	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Fast Food Restaurant with Drive Thru	676,880	0.00
Convenience Market with Gas Pumps	167,315	0.00
Gasoline/Service Station	92,973	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Fast Food Restaurant with Drive Thru	25.7	—
Convenience Market with Gas Pumps	6.78	—

Gasoline/Service Station	3.77	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Fast Food Restaurant with Drive Thru	25.7	—
Convenience Market with Gas Pumps	6.78	—
Gasoline/Service Station	3.77	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Convenience Market with Gas Pumps	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Convenience Market with Gas Pumps	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Fast Food Restaurant with Drive Thru	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00

Fast Food Restaurant with Drive Thru	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Fast Food Restaurant with Drive Thru	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Convenience Market with Gas Pumps	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Convenience Market with Gas Pumps	Supermarket refrigeration and condensing units	R-404A	3,922	26.5	16.5	16.5	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	9.89	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract

Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	51.4
AQ-DPM	21.5
Drinking Water	67.4
Lead Risk Housing	21.2
Pesticides	70.2
Toxic Releases	24.2
Traffic	74.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	12.5
Solid Waste	22.1
Sensitive Population	—
Asthma	48.8
Cardio-vascular	78.2
Low Birth Weights	53.5
Socioeconomic Factor Indicators	—
Education	79.3
Housing	24.9
Linguistic	16.4
Poverty	46.8
Unemployment	73.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	60.29770307
Employed	40.65186706
Median HI	53.71487232
Education	—
Bachelor's or higher	37.28987553
High school enrollment	21.68612858
Preschool enrollment	56.08879764
Transportation	—
Auto Access	87.47593995
Active commuting	24.03438984
Social	—
2-parent households	65.68715514
Voting	37.14872321
Neighborhood	—
Alcohol availability	82.31746439
Park access	26.70345182
Retail density	10.84306429
Supermarket access	22.85384319
Tree canopy	2.014628513
Housing	—
Homeownership	88.6179905
Housing habitability	84.80687797
Low-inc homeowner severe housing cost burden	74.63107917
Low-inc renter severe housing cost burden	62.78711664
Uncrowded housing	64.30129603

Health Outcomes	—
Insured adults	49.23649429
Arthritis	1.9
Asthma ER Admissions	51.4
High Blood Pressure	4.3
Cancer (excluding skin)	3.1
Asthma	46.1
Coronary Heart Disease	2.1
Chronic Obstructive Pulmonary Disease	9.6
Diagnosed Diabetes	20.7
Life Expectancy at Birth	41.6
Cognitively Disabled	70.6
Physically Disabled	50.9
Heart Attack ER Admissions	20.0
Mental Health Not Good	57.3
Chronic Kidney Disease	3.6
Obesity	36.5
Pedestrian Injuries	19.6
Physical Health Not Good	33.7
Stroke	7.6
Health Risk Behaviors	—
Binge Drinking	80.1
Current Smoker	59.6
No Leisure Time for Physical Activity	36.0
Climate Change Exposures	—
Wildfire Risk	7.4
SLR Inundation Area	0.0

Children	31.0
Elderly	48.0
English Speaking	75.4
Foreign-born	34.0
Outdoor Workers	12.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.3
Traffic Density	34.3
Traffic Access	23.0
Other Indices	—
Hardship	58.4
Other Decision Support	—
2016 Voting	52.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	55.0
Healthy Places Index Score for Project Location (b)	50.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Land Use - Land uses as provided by applicant. Pilot Travel Bldg = 13,980 sf = 11,752 sf travel center bldg. + 2,228 sf fast food drive-thru. 8,453 sf shop bldg. 7 diesel + 16 gasoline fuel stations. 14.4 acre total lot acreage.
Construction: Construction Phases	Constructions schedule as provided by project applicant (note: moved forward one year due to project delays). Note: all exterior finishes are pre-finished, so no architectual coating phase. Note that only one paving phase is allowed within this most recent version of the CalEEMod model.
Operations: Vehicle Data	Trip rates provided by traffic study (Kimley Horn).

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2022
Season: Annual
Vehicle Classification: EMFAC202x Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Population	Total VMT	Fuel Consumption	MPG (Derived)	
Riverside (SC)	2022	All Other Buses	Aggregate	Aggregate	Diesel	176.3936229	9605.512054	0.988017835	**9.72**	
Riverside (SC)	2022	LDA	Aggregate	Aggregate	Gasoline	469106.663	20217338.47	706.3916548	**28.62**	
Riverside (SC)	2022	LDA	Aggregate	Aggregate	Diesel	1645.331877	62796.76598	1.483738347	**42.32**	
Riverside (SC)	2022	LDT1	Aggregate	Aggregate	Gasoline	42577.26051	1556974.617	65.66875208	**23.71**	
Riverside (SC)	2022	LDT1	Aggregate	Aggregate	Diesel	22.66505064	433.9688336	0.017714139	**24.50**	
Riverside (SC)	2022	LDT2	Aggregate	Aggregate	Gasoline	186359.6597	8085465.821	350.5226542	**23.07**	
Riverside (SC)	2022	LDT2	Aggregate	Aggregate	Diesel	536.9614305	25316.85598	0.80312771	**31.52**	
Riverside (SC)	2022	LHD1	Aggregate	Aggregate	Gasoline	18257.69575	650381.3438	50.75793443	**12.81**	
Riverside (SC)	2022	LHD1	Aggregate	Aggregate	Diesel	15508.19348	570489.5957	27.95206269	**20.41**	
Riverside (SC)	2022	LHD2	Aggregate	Aggregate	Gasoline	2548.790064	90522.04705	7.78416439	**11.63**	
Riverside (SC)	2022	LHD2	Aggregate	Aggregate	Diesel	6832.784248	256042.8251	15.15783816	**16.89**	
Riverside (SC)	2022	MCY	Aggregate	Aggregate	Gasoline	24265.57167	142359.2434	3.437337572	**41.42**	
Riverside (SC)	2022	MDV	Aggregate	Aggregate	Gasoline	159689.416	6409164.872	343.2620008	**18.67**	
Riverside (SC)	2022	MDV	Aggregate	Aggregate	Diesel	2506.875287	105627.6308	4.578538435	**23.07**	
Riverside (SC)	2022	MH	Aggregate	Aggregate	Gasoline	5393.034468	47594.67934	9.748880248	**4.88**	
Riverside (SC)	2022	MH	Aggregate	Aggregate	Diesel	2098.764773	18422.75351	1.776623089	**10.37**	
Riverside (SC)	2022	Motor Coach	Aggregate	Aggregate	Diesel	36.08795471	5161.483229	0.915933045	**5.64**	
Riverside (SC)	2022	OBUS	Aggregate	Aggregate	Gasoline	399.2064782	13937.38392	2.78438657	**5.01**	
Riverside (SC)	2022	PTO	Aggregate	Aggregate	Diesel	0	47885.50102	9.915000164	**4.83**	
Riverside (SC)	2022	SBUS	Aggregate	Aggregate	Gasoline	417.907035	16252.22698	1.867888172	**8.70**	
Riverside (SC)	2022	SBUS	Aggregate	Aggregate	Diesel	505.9129413	10803.38161	1.47858754	**7.31**	
Riverside (SC)	2022	T6 CAIRP Class 4	Aggregate	Aggregate	Diesel	4.259606152	289.3045443	0.031968393	**9.05**	
Riverside (SC)	2022	T6 CAIRP Class 5	Aggregate	Aggregate	Diesel	5.732245611	396.873811	0.043730643	**9.08**	
Riverside (SC)	2022	T6 CAIRP Class 6	Aggregate	Aggregate	Diesel	17.3675847	1037.042623	0.113106891	**9.17**	
Riverside (SC)	2022	T6 CAIRP Class 7	Aggregate	Aggregate	Diesel	30.7691927	6498.489923	0.664039568	**9.79**	**MHD**
Riverside (SC)	2022	T6 Instate Delivery Class 4	Aggregate	Aggregate	Diesel	435.952557	14861.63297	1.679352659	**8.85**	**8.925373**
Riverside (SC)	2022	T6 Instate Delivery Class 5	Aggregate	Aggregate	Diesel	405.5183099	14237.94498	1.628742713	**8.74**	
Riverside (SC)	2022	T6 Instate Delivery Class 6	Aggregate	Aggregate	Diesel	1196.36547	41085.84101	4.587344403	**8.96**	
Riverside (SC)	2022	T6 Instate Delivery Class 7	Aggregate	Aggregate	Diesel	172.8827718	9386.966238	0.998823536	**9.40**	
Riverside (SC)	2022	T6 Instate Other Class 4	Aggregate	Aggregate	Diesel	1528.274298	62814.50744	7.079081781	**8.87**	
Riverside (SC)	2022	T6 Instate Other Class 5	Aggregate	Aggregate	Diesel	3532.6877	158916.6655	18.12512122	**8.77**	
Riverside (SC)	2022	T6 Instate Other Class 6	Aggregate	Aggregate	Diesel	2563.428618	111067.5698	12.46864154	**8.91**	
Riverside (SC)	2022	T6 Instate Other Class 7	Aggregate	Aggregate	Diesel	1184.473204	57955.52762	6.385358059	**9.08**	
Riverside (SC)	2022	T6 Instate Tractor Class 6	Aggregate	Aggregate	Diesel	17.00408519	836.2420693	0.091039433	**9.19**	
Riverside (SC)	2022	T6 Instate Tractor Class 7	Aggregate	Aggregate	Diesel	417.983771	25319.9178	2.60206456	**9.73**	
Riverside (SC)	2022	T6 OOS Class 4	Aggregate	Aggregate	Diesel	2.47872341	166.8873866	0.018439582	**9.05**	
Riverside (SC)	2022	T6 OOS Class 5	Aggregate	Aggregate	Diesel	3.32234533	228.9394841	0.025228157	**9.07**	**HHD**
Riverside (SC)	2022	T6 OOS Class 6	Aggregate	Aggregate	Diesel	10.09079345	598.225422	0.065257941	**9.17**	**6.023315**
Riverside (SC)	2022	T6 OOS Class 7	Aggregate	Aggregate	Diesel	17.04401022	4349.842705	0.443854873	**9.80**	
Riverside (SC)	2022	T6 Public Class 4	Aggregate	Aggregate	Diesel	81.24344741	2664.87689	0.312237627	**8.53**	
Riverside (SC)	2022	T6 Public Class 5	Aggregate	Aggregate	Diesel	119.4195504	4317.644868	0.51089213	**8.45**	
Riverside (SC)	2022	T6 Public Class 6	Aggregate	Aggregate	Diesel	186.0592061	6140.286363	0.722626891	**8.50**	
Riverside (SC)	2022	T6 Public Class 7	Aggregate	Aggregate	Diesel	303.0758216	12929.95894	1.503702492	**8.60**	
Riverside (SC)	2022	T6 Utility Class 5	Aggregate	Aggregate	Diesel	178.2127437	7263.721102	0.789731267	**9.20**	
Riverside (SC)	2022	T6 Utility Class 6	Aggregate	Aggregate	Diesel	33.82841503	1364.575904	0.148365243	**9.20**	
Riverside (SC)	2022	T6 Utility Class 7	Aggregate	Aggregate	Diesel	38.43773463	1894.774908	0.20510649	**9.24**	
Riverside (SC)	2022	T6TS	Aggregate	Aggregate	Gasoline	1281.144453	49562.92015	9.791083443	**5.06**	
Riverside (SC)	2022	T7 CAIRP Class 8	Aggregate	Aggregate	Diesel	1736.072009	365221.6728	60.25224614	**6.06**	
Riverside (SC)	2022	T7 NNOOS Class 8	Aggregate	Aggregate	Diesel	1568.100701	434318.0206	71.70403432	**6.06**	
Riverside (SC)	2022	T7 NOOS Class 8	Aggregate	Aggregate	Diesel	653.0757061	157701.3195	26.17915771	**6.02**	
Riverside (SC)	2022	T7 POLA Class 8	Aggregate	Aggregate	Diesel	1999.198924	261244.5399	43.45801899	**6.01**	
Riverside (SC)	2022	T7 Public Class 8	Aggregate	Aggregate	Diesel	664.3734602	26479.34405	4.591897547	**5.77**	
Riverside (SC)	2022	T7 Single Concrete/Transit Mix	Aggregate	Aggregate	Diesel	1241.579597	87985.6701	14.74695365	**5.97**	
Riverside (SC)	2022	T7 Single Dump Class 8	Aggregate	Aggregate	Diesel	1098.686074	68239.08866	11.51034994	**5.93**	
Riverside (SC)	2022	T7 Single Other Class 8	Aggregate	Aggregate	Diesel	1116.671395	67940.86739	11.37352276	**5.97**	
Riverside (SC)	2022	T7 SWCV Class 8	Aggregate	Aggregate	Diesel	67.744372	4399.502574	1.636775419	**2.69**	
Riverside (SC)	2022	T7 Tractor Class 8	Aggregate	Aggregate	Diesel	3484.366211	293986.3387	48.00521045	**6.12**	
Riverside (SC)	2022	T7 Utility Class 8	Aggregate	Aggregate	Diesel	122.0639471	5764.49061	0.944660964	**6.10**	
Riverside (SC)	2022	T7IS	Aggregate	Aggregate	Gasoline	11.42454799	458.2183696	0.125747584	**3.64**	
Riverside (SC)	2022	UBUS	Aggregate	Aggregate	Gasoline	145.6342999	18438.99521	3.273571136	**5.63**	
Riverside (SC)	2022	UBUS	Aggregate	Aggregate	Diesel	0.3117338	30.10971099	0.002674589	**11.26**	

On-road Mobile (Operational) Energy Usage

Therefore:

Average Daily VMT:

107,573 Note: Estimated via CalEEMod output (39,427,354 annual VMT, divided by 365 days per year).

Step 2: Given:

Fleet Mix (CalEEMod Output)

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
49.67%	4.02%	19.75%	16.12%	3.27%	0.92%	1.42%	1.54%	0.06%	0.04%	2.38%	0.13%	0.67%

And:

Gasoline and Diesel MPG Factors for each Vehicle Class - Year 2022 (EMFAC2021 Output)

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
28.62	23.71	23.07	18.67	12.81	11.63	8.93	6.02	5.01	5.63	41.42	8.70	4.88
Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Diesel	Diesel	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline

Therefore:

Weighted Average MPG Factors

Gasoline: **25.0** Diesel **7.4**

Therefore:

4,170 **daily gallons of gasoline**

or

1,521,924 **annual gallons of gasoline**

Therefore:

7,252 **daily gallons of diesel**

or

2,647,115 **annual gallons of diesel**

Off-road (i.e. On-site) Mobile (Construction) Energy Usage

Note: For the sake of simplicity, and as a conservative estimation, it was assumed that all off-road vehicles use diesel fuel as an energy source.
Site preparation and grading (on-site) off-road mobile vehicle on-site gallons of fuel are calculated below.

Given Factor:	**124.2**	**metric tons**	**CO2**	**(provided in CalEEMod Output File)**	
Conversion Factor:	2204.6262	pounds	per metric ton		
Intermediate Result:	**273,881**	**pounds**	**CO2**		
Conversion Factor:	22.38	pounds	CO2 per 1 gallon of diesel fuel		Source: U.S. EIA, 2016
Final Result:	**12,238**	**gallons**	**diesel fuel**		http://www.eia.gov/tools/faqs/faq.cfm?id=307&t=11

Mitigated Onsite Scenario	Total CO2 (MT/yr) (provided in CalEEMod Output File)
Site Preparation	7.23
Grading (on-site)	117.00

On-road Mobile (Construction) Energy Usage - Site Preparation

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

18

Worker Trip Length (miles) (CalEEMod Output)

18.5

Therefore:

Average Worker Daily VMT:

333

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class (EMFAC2021 Output) - Year 2022

LDA	LDT1	LDT2
28.62	23.71	23.07

Therefore:

Weighted Average Worker MPG Factor

26.0

Step 3: **Therefore:**

13 Worker daily gallons of gasoline

Step 4:

3	**# of Days (CalEEMod Output)**

Therefore:

Result:

38	**Total gallons of gasoline**

On-road Mobile (Construction) Energy Usage - Grading (On-site)

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

20

Worker Trip Length (miles) (CalEEMod Output)

18.5

Therefore:

Average Worker Daily VMT:

370

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class (from EMFAC2021) - Year 2022

LDA	LDT1	LDT2
28.62	23.71	23.07

Therefore:

Weighted Average Worker MPG Factor

26.00

Step 3: **Therefore:**

14 Worker daily gallons of gasoline

Step 4: 39 **# of Days (CalEEMod Output)**

Therefore:

Result: **555** **Total gallons of gasoline**

On-road Mobile (Construction) Energy Usage - Grading (Off-site)

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

20

Worker Trip Length (miles) (CalEEMod Output)

18.5

Therefore:

Average Worker Daily VMT:

370

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class (from EMFAC2021) - Year 2022

LDA	LDT1	LDT2
28.62	23.71	23.07

Therefore:

Weighted Average Worker MPG Factor

26.00

Step 3: **Therefore:**

14 **Worker daily gallons of gasoline**

Step 4: 8 **# of Days (CalEEMod Output)**

Therefore:

Result: **114** **Total gallons of gasoline**

On-road Mobile (Construction) Energy Usage - Building Construction

Step 1:

Total Daily Worker Trips (CalEEMod Output)

2

Total Daily Vendor Trips (CalEEMod Output)

1

Worker Trip Length (miles) (CalEEMod Output)

18.5

Vendor Trip Length (miles) (CalEEMod Output)

10.2

Therefore:

Average Worker Daily VMT:

37

Average Vendor Daily VMT:

10

Step 2:

Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

Fleet Mix for Workers (CalEEMod Output)

MHD	HHD
0%	100%

Assumed Fleet Mix for Vendors

And:

MPG Factors for each Vehicle Class (from EMFAC2021) - Year 2022

Gasoline:

LDA	LDT1	LDT2
28.62	23.71	23.07

Diesel:

MHD	HHD
8.93	6.02

Therefore:

Weighted Average Worker (Gasoline) MPG Factor

26.00

Weighted Average Vendor (Diesel) MPG Factor

6.02

Step 3:

Therefore:

1 Worker daily gallons of gasoline

Therefore:

2 Vendor daily gallons of diesel

Step 4:

86 **# of Days (CalEEMod Output)**

Therefore:

122 Total gallons of gasoline

Therefore:

146 Total gallons of diesel

On-road Mobile (Construction) Energy Usage - Paving

Step 1: **Total Daily Worker Trips (CalEEMod Output)**

15

Worker Trip Length (miles) (CalEEMod Output)

19.8

Therefore:

Average Worker Daily VMT:

297

Step 2: Given:

Assumed Fleet Mix for Workers (Percentage mix is provided on Appendix A: Calculation Details for CalEEMOD p. 15)

LDA	LDT1	LDT2
0.5	0.25	0.25

And:

Gasoline MPG Factors for each Vehicle Class (from EMFAC2021) - Year 2022

LDA	LDT1	LDT2
28.62	23.71	23.07

Therefore:

Weighted Average Worker MPG Factor

26.0

Step 3: **Therefore:**

11 **Worker daily gallons of gasoline**

Step 4: 23 **# of Days (CalEEMod Output)**

Therefore:

Result: **263** **Total gallons of gasoline**

ANALYSIS OF PUBLIC HEALTH RISKS

FOR THE

PERRIS ETHANAC TRAVEL CENTER

PERRIS, CALIFORNIA

JANUARY 25, 2023

PROJECT TITLE

Perris Ethanac Travel Center Project

PREPARED BY:

De Novo Planning Group
1020 Suncast Lane Suite 106
El Dorado Hills, CA 95762

CONTACT PERSON AND PHONE NUMBER

Josh Smith – Senior Planner
De Novo Planning Group
1020 Suncast Lane Suite 106
El Dorado Hills, CA 95762
jsmith@denovoplanning.com
(916) 805-1281

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APPENDICES:

INTRODUCTION

This Health Risk Assessment (HRA) was prepared to assess potential public health risks that may be present at the proposed Perris Ethanac Travel Center Project in the city of Perris, Riverside County, California. This report analyzes the emissions of toxic air pollutants within the project area and their impacts on public health.

SCOPE OF RISK ASSESSMENT

Preparation of risk assessments is a three-step process. The first step is to identify potential contaminants that may lead to public health risks. The second step is to assess the magnitude of contaminants that may reach the public (exposure assessment). The last step is to calculate the magnitude of the health risk as a result of exposure to harmful contaminants on the basis of the toxicology of the contaminants.

The Office of Environmental Health Hazard Assessment and the South Coast Air Quality Management District (SCAQMD) provide guidance on the procedures that should be used, including, toxicological data for individual contaminants. While this risk assessment uses certain procedures and data from these Guidelines, this assessment is not intended to satisfy the reporting requirements under AB-2588 "Air Toxics" Hot Spots program.

The health risks that are evaluated in this study include:

- Residential Cancer Risk (30-year exposure);
- Workplace Cancer Risk (25-year exposure; start at age 16); and
- Acute and Chronic Hazard Indices.

The 30-year risk applies to residential areas where exposure may potentially occur 24 hours/day, 365 days/year. The 25-year risk is applicable to workplace exposure and therefore accounts for a reduced exposure for the fact that individuals typically would be exposed only during working hours. Non-cancer risks can be described as acute (short-term, exposure) or chronic health impacts.

SIGNIFICANCE CRITERIA

The following significance criteria shown in Table 1, based on guidance from the SCAQMD, are used in this report to assess the significance of public health risks.

TABLE 1: THRESHOLDS OF SIGNIFICANCE FOR PUBLIC HEALTH RISKS

Risk Metric	*Significance Threshold*
Residential Cancer Risk	10 per million
Workplace Cancer Risk	10 per million
Chronic and Acute non-cancer hazard Indices	non-cancer health hazard exposure index of 1.0

SOURCE: SCAQMD, 2015.

As shown in Table 1, a project that contributes a cancer risk in excess of 10 new cases in a population of one million persons at identified receptors, or a non-cancer hazard index of greater than or equal to 1.0 would be considered to have a significant project-level impact.

EMISSION SOURCES AND EXPOSURE

The source of toxic air pollutants (TACs) from the proposed Project is diesel particulate matter (DPM) from on-site truck idle and mobile emissions, and off-site mobile emissions. The Project would also generate truck trips that contain Truck Refrigeration Units (TRUs), which also generate DPM. Furthermore, gasoline refueling, storage, spillage and tank breathing would generate benzene emissions.

Based on numerous studies by the California Air Resources Board (ARB), DPM represents the largest single contributor to public health risks. Additionally, in its comprehensive assessment of diesel exhaust, OEHHA analyzed more than 30 studies of people who worked around diesel equipment, including truck drivers, railroad workers, and equipment operators. The studies showed these workers were more likely to develop lung cancer than workers who were not exposed to diesel emissions. These studies provide strong evidence that long-term occupational exposure to diesel exhaust increases the risk of lung cancer. Exposure to diesel exhaust can have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks.

CARB identified DPM as a TAC in 1998. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. The exhaust from diesel engines includes hundreds of different gaseous and particulate components, many of which are toxic. Diesel exhaust is composed of two phases, either gas or particulate; both contribute to the risk. The gas phase is composed of many of the urban HAPs, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particulate phase has many different types that can be classified by size or composition. The sizes of diesel particulates of greatest health concern are fine and ultrafine particles. These particles may be composed of elemental carbon with adsorbed compounds such as organics, sulfates, nitrates, metals, and other trace elements. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the Project would accommodate daily visits from heavy-duty diesel trucks during operations, an analysis of DPM was performed using the USEPA-approved AERMOD model.

The significance thresholds for TAC exposure requires an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The potential for acute non-cancer hazards is evaluated by comparing the maximum short-term exposure level to an acute REL. RELs are designed to protect sensitive individuals within the population. The calculation of acute non-

cancer impacts is similar to the procedure for chronic non-cancer impacts. An acute or chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the acute or chronic exposure by the reference exposure level.

Vehicle DPM emissions were estimated using emission factors for course particulate matter (PM) generated with the 2021 version of the EMission FACtor model (EMFAC) developed by CARB. EMFAC 2021 is a mathematical model that was developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by CARB to project changes in future emissions from on-road mobile sources. The most recent version of this model, EMFAC 2021, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled by speed, and number of starts per day. The most important improvement in EMFAC 2021 is the integration of the new data and methods to estimate emissions from diesel trucks and buses. The model includes the emissions benefits of the truck and bus rule and the previously adopted rules for other on-road diesel equipment.

For this Project, annual average PM (idling and mobile) emission factors were generated by running EMFAC 2021 for vehicles in the Basin within Riverside County, for year 2022. EMFAC generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of vehicle speed, temperature, and relative humidity. The model was run for speeds traveled on and within the vicinity of the Project site. Idling was assumed to occur for a maximum of five minutes per hour.

Emissions from the following sources of TACs were analyzed and are shown in Table 2:

- Truck on-site mobile emissions
- Truck on-site idling emissions
- Truck off-site mobile emissions
- TRU generated emissions
- Gasoline refueling operations

TABLE 2: EMISSION SOURCE ASSUMPTIONS

Source Type / Emission	Configuration	Assumptions
On-site Mobile Diesel Truck Circulation (DPM) *Modeled as line-volume sources* Configuration = Separated 2W	Plume height = 30 ft Plume width = 30 ft Length = based on path of travel Surface-Based/Elevated = Surface-based	• On-site travel of 1,539 trucks trips per day; 770 trucks visiting the site per day (Kimley-Horn & Associates, 2022). • Traveling distance based on proposed site plan layout. • PM mobile emissions factor provided by EMFAC 2021
On-site Diesel Truck Idling (DPM) *Modeled as volume sources* Release Height = 6.0 ft	On-site Idle of 770 trucks per day (Kimley-Horn & Associates, 2022).	• 5 minutes idling per vehicle • Emissions Factors based on EMFAC 2021
Off-site Mobile Diesel Truck Travel (DPM) *Modeled as line-volume sources* Configuration = Separated 2W	Plume height = 30 ft Plume width = 30 ft Length = based on path of travel Surface-Based/Elevated = Surface-based	• Off-site travel of 1,539 trucks trips per day; 770 trucks visiting the site per day (Kimley-Horn & Associates, 2021). • PM mobile emissions factor provided by EMFAC 2021
TRUs (DPM)	*Modeled as point sources* Release Height = 12 ft Diameter = 0.1 meter Velocity = 57.1 m/s @ 1500 rpm Temperature = 366 K	• Trucks are assumed to run their TRUs for 15 minutes per hour. • 34 hp rated TRUs • Emission factor (Source: ARB Guidelines for in-use Diesel-Fueled Transport Refrigeration Units TRU) • 0.53 load factor • 50% of the 116 truck parking spaces occupied during nighttime (8 hours) • 15% of the 116 truck Parking spaces occupied during Daytime (16 hours) • 15% of trucks have TRUs bases on fleet mix (Source: ATA)

Gasoline Service Activities (Benzene)	*Underground tank loading (point source)* Release Height = 3.66 m Temperature = 291 K Diameter = 0.0508 m Velocity = 0.00035 m/s *Underground tank breathing (point source)* Release Height = 3.66 m Temperature = 288.71 K Diameter = 0.0508 m Velocity = 0.000106 m/s *Vehicle refueling (volume source)* Release Height = 4 m Length = 36 m Lateral = 8.37 m Vertical = 1.86 m *Spillage (volume source)* Release Height = 4 m Length = 36 m Lateral = 8.37 m Vertical = 1.86 m	• 1,800 gallons of gasoline pumped per pump per day • Total of 16 gasoline fueling pumps.

DAILY TRUCK TRIPS

The total diesel truck trips generated by the proposed Project is based on a Transportation Analysis for the proposed Project prepared by Kimley-Horn & Associates (2022). An estimate of 770 trucks visiting the project site per day was used, which is based the 1,539 individual daily trips generated from heavy-duty trucks by the Project (Kimley Horn & Associates, 2022). Each heavy-duty truck trip was assumed to generate approximately 770 round trips, for a total of 1,539 individual trips.

EMISSION RATES

Table 3 provides emission factors and the resultant emissions. For calculations, data outputs, and reference documents please see Appendices 1 and 2 of this HRA.

TABLE 3: EMISSION RATES BY SOURCE

Source	Pollutant	Volume/Size	Emission Factor	Emissions (lbs/yr)
On-site Diesel Truck (Mobile) Circulation	Diesel Particulate Matter (DPM)	770 trucks per day traveling 0.50 miles	0.01408049529612 g/mile	4.39
On-site Diesel Truck Idling	Diesel Particulate Matter (DPM)	770 trucks per day idling 5 minutes	0.00029167 g/hr -vehicle	0.18
Off-site Diesel Truck (Mobile) Travel	Diesel Particulate Matter (DPM)	770 trucks per day	0.01204949 g/mile	7.56
TRUs	Diesel Particulate Matter (DPM)	Based on the 116 truck parking spaces	0.02 g/hp-hr	2.02
Gasoline Service Activities	Benzene	16 pumps	Various (see Appendix 1)	Various (see Appendix 1)

SOURCES: EMFAC 2021 (V.1.02); KIMLEY-HORN & ASSOCIATES, 2022. SEE TABLE 2 OF THIS DOCUMENT AND APPENDIX 1 FOR FURTHER DETAIL.

NOTES: LBS = POUNDS; YR = YEAR; G = GRAMS; HP = HORSEPOWER

EXPOSURE ASSESSMENT

Exposure assessment involves translating the emission rate (e.g., lbs/hr, g/hr) of individual toxic air contaminants into the concentration (e.g., grams/cubic meter g /sec m^2 or parts per million) of each toxic air contaminant. The key step in performing an exposure assessment is the application of an air dispersion model. The dispersion model incorporates the local meteorological data (wind speed, wind direction, local temperature, inversions, etc.), stack height, exhaust flow characteristics, and other features such as terrain and building downwash into the dispersion of individual air contaminant. The Lakes Environmental AERMOD Version 11.2.0 dispersion model was employed for this assessment.

AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. Surface and upper air meteorological data provided by the SCAQMD for Perris Meteorological Station was selected as being the most representative meteorology based on proximity to the Project site as well as being within the same SCAQMD source receptor area (SRA). The SCAQMD divides the Basin into 38 SRAs to forecast and report air quality. Both the Project site and the Perris Meteorological Station are located in SCAQMD SRA 24, known as the Perris Valley.

RISK ASSESSMENT

Once the emissions rates of individual air contaminants has been calculated, and an air dispersion model has been run through AERMOD, the next step in determining health risks is to determine the cancer risk, and acute and chronic incident rates. The Hotspots Analysis and Reporting Program (HARP) is a software suite used to assist with the programmatic requirements of the Air Toxics "Hot Spots" Program [Assembly Bill (AB) 2588]. HARP combines the tools needed to implement the requirements of AB 2588, such as reporting a facilities emissions inventory, determining a facilities prioritization score, conducting air dispersion modeling, and performing a facility health risk assessment. This study utilized the HARP2 Air Dispersion and Risk Tool with dispersion plot files created in AERMOD. Period and 1-hour dispersion files we used in combination with HARP-2 risk modelling software to calculate risk scenarios for residential, and workplace cancer rates, as well as acute and chronic incidences. After the risk assessment was complete HARP-2, plot files were then imported back into AREMOD for spatial and visual representation, and analysis of impact areas.

The Intake Rate Percentile sets the intake rate at which a person is exposed to the air pollutant. This study utilized the 'OEHHA Derived Method' intake rate percentile to assess risk each scenario, per OEHHA guidance. Additionally, the 'SCAQMD Mandatory minimum pathways' were selected for pathways to evaluate.

RISK ASSESSMENT RESULTS

The results of the risk analysis indicate that cancer risks vary depending on the exposure scenario (residential or worker) and on location. In general, locations nearest the Project site have the greatest exposure and the associated risks are considerably lower as distance from the Project site increases. Residential receptors were modeled at the following locations:

- The residences located approximately 400 feet to the north of the Project site, along Trumble Road;
- The residences located to the east of the Project site, along Sherman Road;
- The residences located approximately 1,300 feet to the east of the Project site, along Ethanac Road, east of Sherman Road;
- The residences located approximately 1,000 feet south of the Project site, along Trumble Road;
- The residences located far south of the Project site, approximately 2500 to 300 feet south of the Project site, along McLaughlin Road and Dawson Road.

Additionally, an 11x11 uniform cartesian grid of discrete receptors was modeled 50 meters apart, starting at the center of the Project site, to model potential workplace receptors and other receptors located near to the Project site.

Table 4 displays the residential and workplace cancer risk, and acute and chronic incidence rate results at nearest receptors.

TABLE 4: SUMMARY OF MAXIMUM HEALTH RISKS

Risk Metric	Maximum Risk (per million persons)	Significance Threshold	Is Threshold Exceeded?
Residential Cancer Risk (30-year exposure)[1]	6.22	10 per million	No
Workplace Cancer Risk (25-year exposure)[2]	5.30	10 per million	No
Chronic (non-cancer)[2]	0.45	Hazard Index ≥1	No
Acute (non-cancer)[2]	0.22	Hazard Index ≥1	No

SOURCES: AERMOD 11.2.0 (LAKES ENVIRONMENTAL SOFTWARE, 2022); HARP-2 AIR DISPERSION AND RISK TOOL

NOTES: [1]THE MAXIMUM RESIDENTIAL CANCER RISK WOULD BE FOR A RESIDENCE LOCATED APPROXIMATELY 400 FEET TO THE NORTH OF THE PROJECT SITE, ALONG TRUMBLE ROAD, AT 25870 TRUMBLE ROAD.. THE INCREMENTAL RESIDENTIAL CANCER RISK (30-YEAR EXPOSURE) AT THIS LOCATION IS AS PROVIDED WITHIN THIS TABLE. [2]THE RECEPTOR WITH THE HIGHEST WORKPLACE CANCER RISK, CHRONIC NON-CANCER RISK, AND ACUTE NON-CANCER RISK, WOULD BE LOCATED WITHIN AND/OR ADJACENT (TO THE SOUTH) OF THE ETHANAC TRAVEL CENTER BUILDING.

The primary sources of TAC emissions from the Project result from DPM from on-site and off-site truck travel, and benzene for gasoline refueling. Idling of the trucks on-site generated the least emissions.

Overall, the results show that residential 30-year cancer risk would remain below 10 in a million at areas near the Project site that contain residential receptors. Furthermore, it is very unlikely any individual would remain at the same location for 30 years; therefore, this result represents a conservative estimate.

Further, the results show that 25-year workplace cancer risk using the 'OEHHA Derived Method" method would remain below 10 in a million threshold, for on-site workers. Although the results of the modeling show that an individual hypothetically located full-time (i.e. for 8 hours per day, five days per week) directly at the gasoline pumps would experience an incremental cancer risk of approximately 11 in a million, there would not be any workers that would be located directly at the gasoline pumps, except during rare maintenance or fuel refilling tasks. Rather, the workers would primarily be inside the Project buildings and/or moving around various parts of the Project site. Therefore, the workers that could have the highest workplace cancer risk would be those workers working within and around the Ethanac Travel Center Building, who could experience an incremental cancer risk of up to approximately 5.30 in a million, which is below the SCAQMD workplace cancer risk threshold of 10 in a million. This maximum risk level represents the worst-case scenario for 25-year workplace cancer risk, since the modeling assumes that the workers would be outdoors at all times, which is extremely unlikely (that is, workers within the Ethanac Travel Center Building would work indoors, which would shield the workers from much of the incremental risk assumed by the modeling, which did not account for the indoor nature of much of this work). See Table 4, above, and Appendix 4 for further detail.

Chronic or long-term exposure DPM can result is non-cancer health effects. Chronic non-cancer hazard results show that chronic risk on and near the Project site would remain below the hazard

index of ≥1, with a maximum value of approximately less than 0.45. Acute non-cancer health effects were a maximum value of 0.22, also below the hazard index of ≥1.

CUMULATIVE RISKS

It is worth noting that the SCAQMD has conducted an in-depth analysis of TACs and their resulting health risks for all of Southern California. This study, the Multiple Air Toxics Exposure Study in the South Coast Air Basin, MATES IV," shows that cancer risk has decreased more than 50 percent between MATES III (2008) and MATES IV (2015).

MATES-IV is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with the Basin emissions. Therefore, MATES-IV study represents the baseline health risk for a cumulative analysis. MATES-IV estimates the average excess cancer risk level from exposure to TACs is less than 400 in one million basin-wide. These model estimates were based on monitoring data collected at 10 fixed sites within the Basin. None of the fixed monitoring sites are within the local area of the Project site. However, MATES-IV has extrapolated the excess cancer risk levels throughout the basin by modeling the specific grids. According to the latest online MATES-IV Carcinogenic Risk Interactive Map, MATES-IV modeling predicted an excess cancer risk of 1,067.39 in one million for the grid that contains the Project site. DPM is included in this cancer risk along with all other TAC sources. DPM accounts for 68 percent of the total risk shown in MATES-IV. The proposed Project would incrementally increase this risk to those living and working in the immediate vicinity of the proposed Project, as well as those in the surrounding environs, up to the maximum risks as disclosed in Table 4 (previous).

REPORT PREPARERS

This document was prepared by De Novo Planning Group, Inc. of El Dorado Hills under the direction of the City of Perris. De Novo Planning Group staff participating in document preparation included the following:

- Starla Barker, Principal Planner
- Josh Smith, Senior Planner

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Appendix 1: Emissions Rates and Emission Calculations

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: Riverside
Calendar Year: 2022
Season: Annual
Vehicle Classification: EMFAC202x Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Category	Model Year	Speed	Fuel	Total VMT	PM10_RUNEX
Riverside	2022	T7 Tractor Class 8	Aggregate	10	Diesel	302.3218403	0.014080495
Riverside	2022	T7 Tractor Class 8	Aggregate	40	Diesel	12452.39189	0.012049491

Mobile Truck Emissions

pounds per gram: 0.002205

Line Volume Source #1 (on-site):

Assumptions:			Source:
1. Average distanced travelled per truck:	0.50293784	miles	AERMOD
2. # of trucks per day visiting the project site:	770	trucks	Traffic Impact Analysis (Kimley Horn)
3. PM10 Mobile Emissions Factors (Riverside County, 10 MPH, T7 Tractor Class 8, Year 2022):			EMFAC2021

Year: 2022 0.0140805 g/mile

Therefore:
Total daily PM10 On-site Mobile Emissions Generated by the project:

5.45284273 g/day-all trucks
0.01202145 lbs/day-all trucks
4.38782784 lbs/year-all trucks

Max Hr Emissions
Two times the average trip generation over the course of 1 hour, based on the given 24-hour daily totals (conservative estimate)

0.001002 lbs/hour-all trucks

Line Volume Source #2 (off-site north):

Assumptions:			Source:
1. Average distanced travelled per truck:	1.07894894	miles	AERMOD
2. # of trucks per day visiting the project site:	385	trucks	Traffic Impact Analysis (Kimley Horn)
3. PM10 Mobile Emissions Factors (Riverside County, 40 MPH, T7 Tractor Class 8, Year 2022):			EMFAC2021

Year: 2022 0.01204949 g/mile

Therefore:
Total daily PM10 On-site Mobile Emissions Generated by the project:

5.0053024 g/day-all trucks
0.01103479 lbs/day-all trucks
4.02769827 lbs/year-all trucks

Max Hr Emissions
Two times the average trip generation over the course of 1 hour, based on the given 24-hour daily totals (conservative estimate)

0.000920 lbs/hour-all trucks

Line Volume Source #3 (off-site south):

Assumptions:			Source:
1. Average distanced travelled per truck:	0.94627376	miles	AERMOD
2. # of trucks per day visiting the project site:	385	trucks	Traffic Impact Analysis (Kimley Horn)
3. PM10 Mobile Emissions Factors (Riverside County, 40 MPH, T7 Tractor Class 8, Year 2022):			EMFAC2021

Year: 2022 0.01204949 g/mile

Therefore:
Total daily PM10 On-site Mobile Emissions Generated by the project:

4.38981508 g/day-all trucks
0.00967787 lbs/day-all trucks
3.53242406 lbs/year-all trucks

Max Hr Emissions
Two times the average trip generation over the course of 1 hour, based on the given 24-hour daily totals (conservative estimate)

0.000806 lbs/hour-all trucks

Truck Idling

Idling Emission Rates taken from tables 3.2-41 and 42, of the EMFAC2014 Volume III - Technical Documentation Guidebook:
http://www.arb.ca.gov/msei/downloads/emfac2014/emfac2014-vol3-technical-documentation-052015.pdf

Idling Emissions: pounds per gram: 0.002205

Table 3.2-40: Revised HHD Diesel Truck Low Idle Emission Rates (after 2009)	PM10	**0.001**	g/hr-truck	
Table 3.2-41: High Idle Emissions Rates for Summer (2009 and later)	PM10	**0.003**	g/hr-truck	Note: using an average of the summer and winter high idle emissions rates for the emission factor calcs
Table 3.2-42: High Idle Emissions Rates for Winter (2009 and later)	PM10	**0.004**	g/hr-truck	

0.000291667	g/5 minutes-truck	Note: assuming 5 minutes of idling per truck
0.000291667	g/day-truck	
24	hours in day	
770	# of trucks	
0.224583333	g/day-all trucks	
81.97291667	g/year-all trucks	
0.180719132	**lbs/year-all trucks**	
0.009357639	g/hr-all trucks	
0.000155961	g/min-all trucks	
2.59934E-06	g/sec-all trucks	

As provided by the Kimley Horn Traffic Study (2021): 93.00 Peak hour truck trips (maximum peak hour truck trips is used for the sake of a conservative analysis)

0.027125	g/5 minutes-vehicles combined
0.0000598	lbs/5 minutes-vehicles combined

Annual Emissions:	**0.022589891**	lbs/year-all trucks for each of the	**8**	idling points	Total: 0.180719	lbs/year-all trucks-total
Max Hr Emissions:	**0.0000075**	for each sampling point, for max 1 hr				

Truck TRU

pounds per gram: 0.002205

0.02	g/hp-hr source: ARB	
34	hp rated TRU engines	
116	truck parking spaces as per site plan	
0.15	15% of trucks are refrigerated trucks (based on the # of 500,000 trucks in the U.S being reefers and approximately 3.2 million trucks in use nationwide).	Source ATA
0.5	Assume 50% of parking spaces are full during the nighttime	
0.15	Assume 15% of parking spaces are full during the daytime	
0.53	Load Factor of 0.53 based Walmart Riverwalk Marketplace HRA Impact Sciences, Inc	
0.25	Trucks are expected to run their TRUs for 15 minutes per hour (Leland Vilalvazo, phone conversation)	On/Off Cycle Factor
8.7	# of refrigerated trucks parked at nighttime during any given hour	
2.61	# of refrigerated trucks parked at daytime during any given hour	
8	Hours in a night	
16	Hours in a day	

6.27096	**Nighttime Emissions (g/day)**	
3.762576	**Daytime Emissions (g/day)**	

Total		
10.033536	**Emissions (g/day)**	
3,662	**Emissions (g/year)**	
8.074	**Emissions (lbs/year)**	Total
2.018	**Emissions (lbs/year)**	Note: Split over 4 point sources

Total Max 1 Hr		
0.78387	**Emissions (g/hr)**	
0.78387	**Emissions (g/hour)**	
0.00173	**Emissions (lbs/hour)**	Total
0.00043	**Emissions (lbs/hour)**	Note: Split over 4 point sources

Breathing loss (U/G tank)

	657,000	gallons of gasoline pumped per pump (conservative factor provided by the SJVAPCD).
	16	pumps at 8 stations
emission factor:	0.025	lbs gasoline vapor/thousand gallons of gasoline (source: SJVAPCD).
	0.000075	lbs benzene/thousand gallons of gasoline (source: SJVAPCD).
	788	thousand lbs of gasoline vapor/year
Annual result:	0.788	lbs of benzene vapor/year
	0.788	lbs of gasoline vapor/year
	365	days in a year
	24	hours in a day
Max Hr result:	0.00009	max lbs of benzene vapor/hr

U/G Tank filling (Loading) loss (98%)

	657,000	1,800 gallons of gasoline pumped per pump (conservative factor provided by SJVAPCD), equ. to 657,000 gallons per year
	16	pumps at 8stations
emission factor:	0.084	lbs gasoline vapor/thousand gallons of gasoline (source: SJVAPCD).
	0.000252	lbs benzene/thousand gallons of gasoline (source: SJVAPCD)
	2,649	thousand lbs of benzene vapor/year
Annual result:	2.649	lbs of benzene vapor/year
	2.649	lbs of benzene vapor/year
	365	days in a year
	24	hours in a day
Max Hr result:	0.0003024	max lbs of vapor/hr

Passenger Vehicle - Gasoline Dispensor

Refueling Vehicle fueling loss (95%) (Passenger Vehicle)

	1,800	gallons gasoline pumped per pump/per day (conservative factor provided by SJVAPCD).
	657,000	gallons gasoline pumped per pump/per year (conservative factor provided by SJVAPCD).
	16	pumps at 8 stations.
emission factor:		
	0.00126	Benzene Emission Factor (lb/1,000 gal) (source: SJVAPCD).
	13,245	thousand lbs of benzene vapor/year
Annual result:	13.25	lbs of Benzene/year (total)
	1.66	lbs of Benzene/year (for each pump station)
	1,800.00	gasoline per pump per day
	75.00	max hour per pump average
	0.00126	Benzene Emission Factor (lb/1,000 gal) (source: SJVAPCD)
	16	pumps
Max Hr result:	0.001512	max lbs of benzene/hr
	0.000189	lbs/pump station

Spillage (Passenger Vehicle)

	657,000	1,800 per-pump/day of gasoline pumped (conservative factor provided by SJVAPCD).
	16	pumps at 8 stations
emission factor:		
	0.0042	Benzene Emission Factor (lb/1,000 gal) (source: SJVAPCD).
	44,150	thousand lbs of benzene vapor/year
Annual result:	44.15	lbs of Benzene/year (total)
	5.52	lbs of Benzene/year (for each pump station)
	1,800.00	gasoline per pump per day (source: SJVAPCD).
	75.00	max hour per pump average
	0.0042	
Note: The 6 idling poin	16	pumps
Max Hr result:	0.00504	max lbs of benzene/hr
	0.00063	lbs/pump station

Sum of Refueliing Vehicle fuling loss and Spillage Combined

Annual result:	**57.396**	lbs of benzene vapor/year
Max Hr result:	**0.00504**	max lbs of vapor/hr

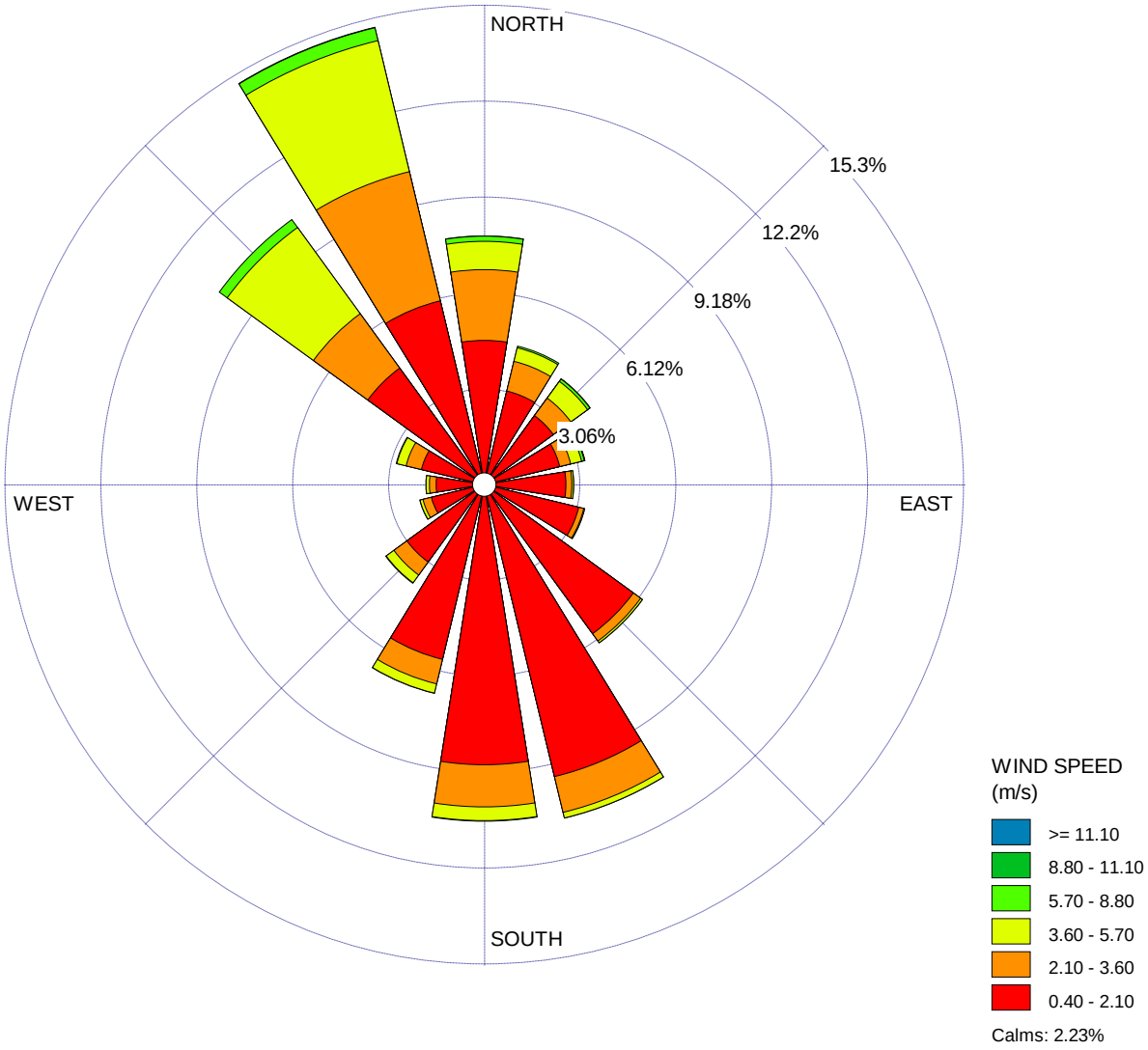
Appendix 2: Wind Rose

WIND ROSE PLOT:

Station #3171

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: **Start Date: 1/1/2010 - 00:00** **End Date: 12/31/2016 - 23:59**	COMPANY NAME: **South Coast Air Quality Management District**	
		MODELER: **Melissa Sheffer**	
	CALM WINDS: **2.23%**	TOTAL COUNT: **43476 hrs.**	
	AVG. WIND SPEED: **1.65 m/s**	DATE: **5/25/2017**	PROJECT NO.:

Appendix 3: AERMOD Output File

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 1/25/2023
** File: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\Perris Pilot\Perris Pilot.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
  TITLEONE C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris
  MODELOPT CONC FLAT
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  RUNORNOT RUN
  ERRORFIL "Perris Pilot.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC On-site Mobile Diesel Truck Circulation (DPM)
** PREFIX
** Length of Side = 9.14
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 9.14
** SZINIT = 4.25
** Nodes = 8
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LOCATION L0000451 VOLUME 482834.581 3733879.244 0.0
LOCATION L0000452 VOLUME 482825.437 3733879.256 0.0
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** DESCRSRC Idling Source 8
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Off-site Mobile Diesel Truck Travel (DPM) - North
** PREFIX
** Length of Side = 9.14
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** Emission Rate = 1.0
** Vertical Dimension = 9.14
** SZINIT = 4.25
** Nodes = 4
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LOCATION	L0000579	VOLUME	482686.597	3733673.615	0.0
LOCATION	L0000580	VOLUME	482677.453	3733673.644	0.0
LOCATION	L0000581	VOLUME	482668.309	3733673.674	0.0

LOCATION L0000582 VOLUME 482659.165 3733673.704 0.0
LOCATION L0000583 VOLUME 482650.021 3733673.734 0.0
LOCATION L0000584 VOLUME 482640.877 3733673.763 0.0
LOCATION L0000585 VOLUME 482631.733 3733673.793 0.0
LOCATION L0000586 VOLUME 482622.589 3733673.823 0.0
LOCATION L0000587 VOLUME 482613.445 3733673.853 0.0
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LOCATION L0000593 VOLUME 482558.582 3733674.032 0.0
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LOCATION L0000595 VOLUME 482540.294 3733674.091 0.0
LOCATION L0000596 VOLUME 482531.150 3733674.121 0.0
LOCATION L0000597 VOLUME 482522.006 3733674.151 0.0
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LOCATION L0000600 VOLUME 482494.574 3733674.240 0.0
LOCATION L0000601 VOLUME 482485.430 3733674.270 0.0
LOCATION L0000602 VOLUME 482476.286 3733674.300 0.0
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LOCATION L0000609 VOLUME 482452.785 3733714.334 0.0
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LOCATION L0000613 VOLUME 482453.286 3733750.906 0.0
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LOCATION L0000725 VOLUME 482467.315 3734774.938 0.0
** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Off-site Mobile Diesel Truck Travel (DPM) - South
** PREFIX
** Length of Side = 9.14
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 9.14
** SZINIT = 4.25
** Nodes = 4
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** 482880.052, 3733673.814, 0.00, 1.83, 4.25
** 482450.553, 3733675.208, 0.00, 1.83, 4.25
** 482457.526, 3732788.321, 0.00, 1.83, 4.25
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LOCATION L0000731 VOLUME 482878.997 3733829.905 0.0
LOCATION L0000732 VOLUME 482879.059 3733820.761 0.0

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LOCATION L0000760 VOLUME 482770.972 3733674.168 0.0
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LOCATION L0000823 VOLUME 482452.563 3733419.564 0.0
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   LOCATION L0000853     VOLUME   482454.720 3733145.253 0.0
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   LOCATION L0000855     VOLUME   482454.863 3733126.965 0.0
   LOCATION L0000856     VOLUME   482454.935 3733117.822 0.0
   LOCATION L0000857     VOLUME   482455.007 3733108.678 0.0
   LOCATION L0000858     VOLUME   482455.079 3733099.534 0.0
   LOCATION L0000859     VOLUME   482455.151 3733090.390 0.0
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   LOCATION L0000862     VOLUME   482455.367 3733062.959 0.0
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   LOCATION L0000886     VOLUME   482457.092 3732843.510 0.0
   LOCATION L0000887     VOLUME   482457.164 3732834.366 0.0
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** End of LINE VOLUME Source ID = SLINE3
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** DESCRSRC TRU (Source 1)
   LOCATION STCK2        POINT    482693.250  3733818.020        0.0
** DESCRSRC TRU (Source 2)
   LOCATION STCK3        POINT    482594.100  3733818.550        0.0
** DESCRSRC TRU (Source 3)
   LOCATION STCK4        POINT    482693.250  3733728.470        0.0
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** DESCRSRC TRU (Source 4)
  LOCATION STCK5       POINT     482798.260  3733727.400        0.0
** DESCRSRC Underground Tank Loading
  LOCATION STCK6       POINT     482798.260  3733728.470        0.0
** DESCRSRC Underground Tank Breathing
  LOCATION VOL9        VOLUME    482776.140  3733727.130        0.0
** DESCRSRC Vehicle Refueling
  LOCATION VOL10       VOLUME    482776.140  3733727.130        0.0
** DESCRSRC Spillage
** Source Parameters **
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  SRCPARAM L0000713    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000714    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000715    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000716    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000717    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000718    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000719    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000720    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000721    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000722    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000723    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000724    0.0052631579    1.83    4.25    4.25
  SRCPARAM L0000725    0.0052631579    1.83    4.25    4.25
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  SRCPARAM L0000726    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000727    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000728    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000729    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000730    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000731    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000732    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000733    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000734    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000735    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000736    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000737    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000738    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000739    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000740    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000741    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000742    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000743    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000744    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000745    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000746    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000747    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000748    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000749    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000750    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000751    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000752    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000753    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000754    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000755    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000756    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000757    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000758    0.005988024     1.83    4.25    4.25
  SRCPARAM L0000759    0.005988024     1.83    4.25    4.25
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SRCPARAM L0000761	0.005988024	1.83	4.25	4.25
SRCPARAM L0000762	0.005988024	1.83	4.25	4.25
SRCPARAM L0000763	0.005988024	1.83	4.25	4.25
SRCPARAM L0000764	0.005988024	1.83	4.25	4.25
SRCPARAM L0000765	0.005988024	1.83	4.25	4.25
SRCPARAM L0000766	0.005988024	1.83	4.25	4.25
SRCPARAM L0000767	0.005988024	1.83	4.25	4.25
SRCPARAM L0000768	0.005988024	1.83	4.25	4.25
SRCPARAM L0000769	0.005988024	1.83	4.25	4.25
SRCPARAM L0000770	0.005988024	1.83	4.25	4.25
SRCPARAM L0000771	0.005988024	1.83	4.25	4.25
SRCPARAM L0000772	0.005988024	1.83	4.25	4.25
SRCPARAM L0000773	0.005988024	1.83	4.25	4.25
SRCPARAM L0000774	0.005988024	1.83	4.25	4.25
SRCPARAM L0000775	0.005988024	1.83	4.25	4.25
SRCPARAM L0000776	0.005988024	1.83	4.25	4.25
SRCPARAM L0000777	0.005988024	1.83	4.25	4.25
SRCPARAM L0000778	0.005988024	1.83	4.25	4.25
SRCPARAM L0000779	0.005988024	1.83	4.25	4.25
SRCPARAM L0000780	0.005988024	1.83	4.25	4.25
SRCPARAM L0000781	0.005988024	1.83	4.25	4.25
SRCPARAM L0000782	0.005988024	1.83	4.25	4.25
SRCPARAM L0000783	0.005988024	1.83	4.25	4.25
SRCPARAM L0000784	0.005988024	1.83	4.25	4.25
SRCPARAM L0000785	0.005988024	1.83	4.25	4.25
SRCPARAM L0000786	0.005988024	1.83	4.25	4.25
SRCPARAM L0000787	0.005988024	1.83	4.25	4.25
SRCPARAM L0000788	0.005988024	1.83	4.25	4.25
SRCPARAM L0000789	0.005988024	1.83	4.25	4.25
SRCPARAM L0000790	0.005988024	1.83	4.25	4.25
SRCPARAM L0000791	0.005988024	1.83	4.25	4.25
SRCPARAM L0000792	0.005988024	1.83	4.25	4.25
SRCPARAM L0000793	0.005988024	1.83	4.25	4.25
SRCPARAM L0000794	0.005988024	1.83	4.25	4.25
SRCPARAM L0000795	0.005988024	1.83	4.25	4.25
SRCPARAM L0000796	0.005988024	1.83	4.25	4.25
SRCPARAM L0000797	0.005988024	1.83	4.25	4.25
SRCPARAM L0000798	0.005988024	1.83	4.25	4.25
SRCPARAM L0000799	0.005988024	1.83	4.25	4.25
SRCPARAM L0000800	0.005988024	1.83	4.25	4.25
SRCPARAM L0000801	0.005988024	1.83	4.25	4.25
SRCPARAM L0000802	0.005988024	1.83	4.25	4.25
SRCPARAM L0000803	0.005988024	1.83	4.25	4.25
SRCPARAM L0000804	0.005988024	1.83	4.25	4.25
SRCPARAM L0000805	0.005988024	1.83	4.25	4.25
SRCPARAM L0000806	0.005988024	1.83	4.25	4.25
SRCPARAM L0000807	0.005988024	1.83	4.25	4.25
SRCPARAM L0000808	0.005988024	1.83	4.25	4.25
SRCPARAM L0000809	0.005988024	1.83	4.25	4.25
SRCPARAM L0000810	0.005988024	1.83	4.25	4.25
SRCPARAM L0000811	0.005988024	1.83	4.25	4.25
SRCPARAM L0000812	0.005988024	1.83	4.25	4.25
SRCPARAM L0000813	0.005988024	1.83	4.25	4.25
SRCPARAM L0000814	0.005988024	1.83	4.25	4.25
SRCPARAM L0000815	0.005988024	1.83	4.25	4.25

SRCPARAM	L0000816	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000817	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000818	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000819	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000820	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000821	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000822	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000823	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000824	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000825	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000826	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000827	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000828	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000829	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000830	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000831	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000832	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000833	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000834	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000835	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000836	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000837	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000838	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000839	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000840	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000841	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000842	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000843	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000844	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000845	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000846	0.005988024	1.83	4.25	4.25
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SRCPARAM	L0000848	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000849	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000850	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000851	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000852	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000853	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000854	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000855	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000856	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000857	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000858	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000859	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000860	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000861	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000862	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000863	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000864	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000865	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000866	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000867	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000868	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000869	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000870	0.005988024	1.83	4.25	4.25
SRCPARAM	L0000871	0.005988024	1.83	4.25	4.25

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   SRCPARAM L0000872    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000873    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000874    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000875    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000876    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000877    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000878    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000879    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000880    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000881    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000882    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000883    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000884    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000885    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000886    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000887    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000888    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000889    0.005988024    1.83    4.25    4.25
   SRCPARAM L0000890    0.005988024    1.83    4.25    4.25
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   SRCPARAM L0000892    0.005988024    1.83    4.25    4.25
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   SRCPARAM STCK1            1.0    3.658   366.000     57.1      0.1
   SRCPARAM STCK2            1.0    3.658   366.000     57.1      0.1
   SRCPARAM STCK3            1.0    3.658   366.000     57.1      0.1
   SRCPARAM STCK4            1.0    3.658   366.000     57.1      0.1
   SRCPARAM STCK5            1.0    3.660   291.000  0.00035   0.0508
   SRCPARAM STCK6            1.0    3.660   288.710 0.000106    0.0508
   SRCPARAM VOL9             1.0    4.000     8.372    1.860
   SRCPARAM VOL10            1.0    4.000     8.372    1.860
   SRCGROUP SLINE1  L0000447 L0000448 L0000449 L0000450 L0000451 L0000452
   SRCGROUP SLINE1  L0000453 L0000454 L0000455 L0000456 L0000457 L0000458
   SRCGROUP SLINE1  L0000459 L0000460 L0000461 L0000462 L0000463 L0000464
   SRCGROUP SLINE1  L0000465 L0000466 L0000467 L0000468 L0000469 L0000470
   SRCGROUP SLINE1  L0000471 L0000472 L0000473 L0000474 L0000475 L0000476
   SRCGROUP SLINE1  L0000477 L0000478 L0000479 L0000480 L0000481 L0000482
   SRCGROUP SLINE1  L0000483 L0000484 L0000485 L0000486 L0000487 L0000488
   SRCGROUP SLINE1  L0000489 L0000490 L0000491 L0000492 L0000493 L0000494
   SRCGROUP SLINE1  L0000495 L0000496 L0000497 L0000498 L0000499 L0000500
   SRCGROUP SLINE1  L0000501 L0000502 L0000503 L0000504 L0000505 L0000506
   SRCGROUP SLINE1  L0000507 L0000508 L0000509 L0000510 L0000511 L0000512
   SRCGROUP SLINE1  L0000513 L0000514 L0000515 L0000516 L0000517 L0000518
   SRCGROUP SLINE1  L0000519 L0000520 L0000521 L0000522 L0000523 L0000524
   SRCGROUP SLINE1  L0000525 L0000526 L0000527 L0000528 L0000529 L0000530
   SRCGROUP SLINE1  L0000531 L0000532 L0000533 L0000534 L0000535
   SRCGROUP SLINE2  L0000536 L0000537 L0000538 L0000539 L0000540 L0000541
   SRCGROUP SLINE2  L0000542 L0000543 L0000544 L0000545 L0000546 L0000547
   SRCGROUP SLINE2  L0000548 L0000549 L0000550 L0000551 L0000552 L0000553
   SRCGROUP SLINE2  L0000554 L0000555 L0000556 L0000557 L0000558 L0000559
   SRCGROUP SLINE2  L0000560 L0000561 L0000562 L0000563 L0000564 L0000565
   SRCGROUP SLINE2  L0000566 L0000567 L0000568 L0000569 L0000570 L0000571
   SRCGROUP SLINE2  L0000572 L0000573 L0000574 L0000575 L0000576 L0000577
   SRCGROUP SLINE2  L0000578 L0000579 L0000580 L0000581 L0000582 L0000583
   SRCGROUP SLINE2  L0000584 L0000585 L0000586 L0000587 L0000588 L0000589
   SRCGROUP SLINE2  L0000590 L0000591 L0000592 L0000593 L0000594 L0000595
   SRCGROUP SLINE2  L0000596 L0000597 L0000598 L0000599 L0000600 L0000601
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SRCGROUP SLINE2   L0000608 L0000609 L0000610 L0000611 L0000612 L0000613
SRCGROUP SLINE2   L0000614 L0000615 L0000616 L0000617 L0000618 L0000619
SRCGROUP SLINE2   L0000620 L0000621 L0000622 L0000623 L0000624 L0000625
SRCGROUP SLINE2   L0000626 L0000627 L0000628 L0000629 L0000630 L0000631
SRCGROUP SLINE2   L0000632 L0000633 L0000634 L0000635 L0000636 L0000637
SRCGROUP SLINE2   L0000638 L0000639 L0000640 L0000641 L0000642 L0000643
SRCGROUP SLINE2   L0000644 L0000645 L0000646 L0000647 L0000648 L0000649
SRCGROUP SLINE2   L0000650 L0000651 L0000652 L0000653 L0000654 L0000655
SRCGROUP SLINE2   L0000656 L0000657 L0000658 L0000659 L0000660 L0000661
SRCGROUP SLINE2   L0000662 L0000663 L0000664 L0000665 L0000666 L0000667
SRCGROUP SLINE2   L0000668 L0000669 L0000670 L0000671 L0000672 L0000673
SRCGROUP SLINE2   L0000674 L0000675 L0000676 L0000677 L0000678 L0000679
SRCGROUP SLINE2   L0000680 L0000681 L0000682 L0000683 L0000684 L0000685
SRCGROUP SLINE2   L0000686 L0000687 L0000688 L0000689 L0000690 L0000691
SRCGROUP SLINE2   L0000692 L0000693 L0000694 L0000695 L0000696 L0000697
SRCGROUP SLINE2   L0000698 L0000699 L0000700 L0000701 L0000702 L0000703
SRCGROUP SLINE2   L0000704 L0000705 L0000706 L0000707 L0000708 L0000709
SRCGROUP SLINE2   L0000710 L0000711 L0000712 L0000713 L0000714 L0000715
SRCGROUP SLINE2   L0000716 L0000717 L0000718 L0000719 L0000720 L0000721
SRCGROUP SLINE2   L0000722 L0000723 L0000724 L0000725
SRCGROUP SLINE3   L0000726 L0000727 L0000728 L0000729 L0000730 L0000731
SRCGROUP SLINE3   L0000732 L0000733 L0000734 L0000735 L0000736 L0000737
SRCGROUP SLINE3   L0000738 L0000739 L0000740 L0000741 L0000742 L0000743
SRCGROUP SLINE3   L0000744 L0000745 L0000746 L0000747 L0000748 L0000749
SRCGROUP SLINE3   L0000750 L0000751 L0000752 L0000753 L0000754 L0000755
SRCGROUP SLINE3   L0000756 L0000757 L0000758 L0000759 L0000760 L0000761
SRCGROUP SLINE3   L0000762 L0000763 L0000764 L0000765 L0000766 L0000767
SRCGROUP SLINE3   L0000768 L0000769 L0000770 L0000771 L0000772 L0000773
SRCGROUP SLINE3   L0000774 L0000775 L0000776 L0000777 L0000778 L0000779
SRCGROUP SLINE3   L0000780 L0000781 L0000782 L0000783 L0000784 L0000785
SRCGROUP SLINE3   L0000786 L0000787 L0000788 L0000789 L0000790 L0000791
SRCGROUP SLINE3   L0000792 L0000793 L0000794 L0000795 L0000796 L0000797
SRCGROUP SLINE3   L0000798 L0000799 L0000800 L0000801 L0000802 L0000803
SRCGROUP SLINE3   L0000804 L0000805 L0000806 L0000807 L0000808 L0000809
SRCGROUP SLINE3   L0000810 L0000811 L0000812 L0000813 L0000814 L0000815
SRCGROUP SLINE3   L0000816 L0000817 L0000818 L0000819 L0000820 L0000821
SRCGROUP SLINE3   L0000822 L0000823 L0000824 L0000825 L0000826 L0000827
SRCGROUP SLINE3   L0000828 L0000829 L0000830 L0000831 L0000832 L0000833
SRCGROUP SLINE3   L0000834 L0000835 L0000836 L0000837 L0000838 L0000839
SRCGROUP SLINE3   L0000840 L0000841 L0000842 L0000843 L0000844 L0000845
SRCGROUP SLINE3   L0000846 L0000847 L0000848 L0000849 L0000850 L0000851
SRCGROUP SLINE3   L0000852 L0000853 L0000854 L0000855 L0000856 L0000857
SRCGROUP SLINE3   L0000858 L0000859 L0000860 L0000861 L0000862 L0000863
SRCGROUP SLINE3   L0000864 L0000865 L0000866 L0000867 L0000868 L0000869
SRCGROUP SLINE3   L0000870 L0000871 L0000872 L0000873 L0000874 L0000875
SRCGROUP SLINE3   L0000876 L0000877 L0000878 L0000879 L0000880 L0000881
SRCGROUP SLINE3   L0000882 L0000883 L0000884 L0000885 L0000886 L0000887
SRCGROUP SLINE3   L0000888 L0000889 L0000890 L0000891 L0000892
SRCGROUP STCK1    STCK1
SRCGROUP STCK2    STCK2
SRCGROUP STCK3    STCK3
SRCGROUP STCK4    STCK4
SRCGROUP STCK5    STCK5
SRCGROUP STCK6    STCK6
SRCGROUP VOL1     VOL1
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  SRCGROUP VOL10   VOL10
  SRCGROUP VOL2    VOL2
  SRCGROUP VOL3    VOL3
  SRCGROUP VOL4    VOL4
  SRCGROUP VOL5    VOL5
  SRCGROUP VOL6    VOL6
  SRCGROUP VOL7    VOL7
  SRCGROUP VOL8    VOL8
  SRCGROUP VOL9    VOL9
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
** DESCRREC "UCART1" "Receptors generated from Uniform Cartesian Grid"
  DISCCART   482443.25   3733568.02
  DISCCART   482493.25   3733568.02
  DISCCART   482543.25   3733568.02
  DISCCART   482593.25   3733568.02
  DISCCART   482643.25   3733568.02
  DISCCART   482693.25   3733568.02
  DISCCART   482743.25   3733568.02
  DISCCART   482793.25   3733568.02
  DISCCART   482843.25   3733568.02
  DISCCART   482893.25   3733568.02
  DISCCART   482943.25   3733568.02
  DISCCART   482443.25   3733618.02
  DISCCART   482493.25   3733618.02
  DISCCART   482543.25   3733618.02
  DISCCART   482593.25   3733618.02
  DISCCART   482643.25   3733618.02
  DISCCART   482693.25   3733618.02
  DISCCART   482743.25   3733618.02
  DISCCART   482793.25   3733618.02
  DISCCART   482843.25   3733618.02
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  DISCCART   482943.25   3733618.02
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  DISCCART   482743.25   3733668.02
  DISCCART   482793.25   3733668.02
  DISCCART   482843.25   3733668.02
  DISCCART   482893.25   3733668.02
  DISCCART   482943.25   3733668.02
  DISCCART   482443.25   3733718.02
  DISCCART   482493.25   3733718.02
  DISCCART   482543.25   3733718.02
  DISCCART   482593.25   3733718.02
  DISCCART   482643.25   3733718.02
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DISCCART 482693.25 3733718.02
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DISCCART 482543.25 3733968.02
DISCCART 482593.25 3733968.02
DISCCART 482643.25 3733968.02
DISCCART 482693.25 3733968.02

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   DISCCART   482793.25   3733968.02
   DISCCART   482843.25   3733968.02
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   DISCCART   482543.25   3734018.02
   DISCCART   482593.25   3734018.02
   DISCCART   482643.25   3734018.02
   DISCCART   482693.25   3734018.02
   DISCCART   482743.25   3734018.02
   DISCCART   482793.25   3734018.02
   DISCCART   482843.25   3734018.02
   DISCCART   482893.25   3734018.02
   DISCCART   482943.25   3734018.02
   DISCCART   482443.25   3734068.02
   DISCCART   482543.25   3734068.02
   DISCCART   482593.25   3734068.02
   DISCCART   482643.25   3734068.02
   DISCCART   482693.25   3734068.02
   DISCCART   482743.25   3734068.02
   DISCCART   482793.25   3734068.02
   DISCCART   482843.25   3734068.02
   DISCCART   482893.25   3734068.02
   DISCCART   482943.25   3734068.02
** DESCRREC "" ""
   DISCCART   482892.62   3734119.10
   DISCCART   482890.86   3734165.72
   DISCCART   483293.79   3733983.61
   DISCCART   483293.79   3733953.70
   DISCCART   483291.15   3733924.67
   DISCCART   483288.52   3733895.63
   DISCCART   483290.28   3733876.28
   DISCCART   483292.91   3733839.33
   DISCCART   483293.79   3733801.50
   DISCCART   483294.67   3733761.91
   DISCCART   483293.79   3733731.11
   DISCCART   483292.91   3733691.52
   DISCCART   483366.82   3733657.21
   DISCCART   482888.22   3733310.58
   DISCCART   482936.60   3733311.46
   DISCCART   482701.70   3732858.38
   DISCCART   482735.14   3732855.74
   DISCCART   482796.72   3732857.50
   DISCCART   482876.78   3732853.98
   DISCCART   483291.61   3734034.07
   DISCCART   483292.66   3734144.74
   DISCCART   483291.61   3734180.41
   DISCCART   483292.66   3734216.08
   DISCCART   482984.24   3733971.65
   DISCCART   483018.86   3733972.70
   DISCCART   482953.55   3732830.91
   DISCCART   483022.71   3732831.43
 RE FINISHED
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****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
  SURFFILE "..\Met Data\PERI_v9.SFC"
  PROFFILE "..\Met Data\PERI_v9.PFL"
  SURFDATA 3171 2010 Perris_Meteorological_Station
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 499.6 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 SLINE1 1ST "Perris Pilot.AD\01H1G001.PLT" 31
  PLOTFILE 1 SLINE2 1ST "Perris Pilot.AD\01H1G002.PLT" 32
  PLOTFILE 1 SLINE3 1ST "Perris Pilot.AD\01H1G003.PLT" 33
  PLOTFILE 1 STCK1 1ST "Perris Pilot.AD\01H1G004.PLT" 34
  PLOTFILE 1 STCK2 1ST "Perris Pilot.AD\01H1G005.PLT" 35
  PLOTFILE 1 STCK3 1ST "Perris Pilot.AD\01H1G006.PLT" 36
  PLOTFILE 1 STCK4 1ST "Perris Pilot.AD\01H1G007.PLT" 37
  PLOTFILE 1 STCK5 1ST "Perris Pilot.AD\01H1G008.PLT" 38
  PLOTFILE 1 STCK6 1ST "Perris Pilot.AD\01H1G009.PLT" 39
  PLOTFILE 1 VOL1 1ST "Perris Pilot.AD\01H1G010.PLT" 40
  PLOTFILE 1 VOL10 1ST "Perris Pilot.AD\01H1G011.PLT" 41
  PLOTFILE 1 VOL2 1ST "Perris Pilot.AD\01H1G012.PLT" 42
  PLOTFILE 1 VOL3 1ST "Perris Pilot.AD\01H1G013.PLT" 43
  PLOTFILE 1 VOL4 1ST "Perris Pilot.AD\01H1G014.PLT" 44
  PLOTFILE 1 VOL5 1ST "Perris Pilot.AD\01H1G015.PLT" 45
  PLOTFILE 1 VOL6 1ST "Perris Pilot.AD\01H1G016.PLT" 46
  PLOTFILE 1 VOL7 1ST "Perris Pilot.AD\01H1G017.PLT" 47
  PLOTFILE 1 VOL8 1ST "Perris Pilot.AD\01H1G018.PLT" 48
  PLOTFILE 1 VOL9 1ST "Perris Pilot.AD\01H1G019.PLT" 49
  PLOTFILE PERIOD SLINE1 "Perris Pilot.AD\PE00G001.PLT" 50
  PLOTFILE PERIOD SLINE2 "Perris Pilot.AD\PE00G002.PLT" 51
  PLOTFILE PERIOD SLINE3 "Perris Pilot.AD\PE00G003.PLT" 52
  PLOTFILE PERIOD STCK1 "Perris Pilot.AD\PE00G004.PLT" 53
  PLOTFILE PERIOD STCK2 "Perris Pilot.AD\PE00G005.PLT" 54
  PLOTFILE PERIOD STCK3 "Perris Pilot.AD\PE00G006.PLT" 55
  PLOTFILE PERIOD STCK4 "Perris Pilot.AD\PE00G007.PLT" 56
  PLOTFILE PERIOD STCK5 "Perris Pilot.AD\PE00G008.PLT" 57
  PLOTFILE PERIOD STCK6 "Perris Pilot.AD\PE00G009.PLT" 58
  PLOTFILE PERIOD VOL1 "Perris Pilot.AD\PE00G010.PLT" 59
  PLOTFILE PERIOD VOL10 "Perris Pilot.AD\PE00G011.PLT" 60
  PLOTFILE PERIOD VOL2 "Perris Pilot.AD\PE00G012.PLT" 61
  PLOTFILE PERIOD VOL3 "Perris Pilot.AD\PE00G013.PLT" 62
  PLOTFILE PERIOD VOL4 "Perris Pilot.AD\PE00G014.PLT" 63
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  PLOTFILE PERIOD VOL5 "Perris Pilot.AD\PE00G015.PLT" 64
  PLOTFILE PERIOD VOL6 "Perris Pilot.AD\PE00G016.PLT" 65
  PLOTFILE PERIOD VOL7 "Perris Pilot.AD\PE00G017.PLT" 66
  PLOTFILE PERIOD VOL8 "Perris Pilot.AD\PE00G018.PLT" 67
  PLOTFILE PERIOD VOL9 "Perris Pilot.AD\PE00G019.PLT" 68
  SUMMFILE "Perris Pilot.sum"
OU FINISHED


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

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

A Total of         0 Fatal Error Message(s)
A Total of        14 Warning Message(s)
A Total of         0 Informational Message(s)


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


  ********   WARNING MESSAGES   ********
SO W320    660      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320    661      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320    662      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320    663      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320    664      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320    665      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320    666      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320    667      VPARM: Input Parameter May Be Out-of-Range for Parameter      SZINIT
SO W320   1029      PPARM: Input Parameter May Be Out-of-Range for Parameter        VS
SO W320   1030      PPARM: Input Parameter May Be Out-of-Range for Parameter        VS
SO W320   1031      PPARM: Input Parameter May Be Out-of-Range for Parameter        VS
SO W320   1032      PPARM: Input Parameter May Be Out-of-Range for Parameter        VS
ME W186   1299      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used        0.50
ME W187   1299      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

  *** AERMOD - VERSION  19191 ***   *** C:\Users\Smith\Dropbox\My PC (DESKTOP-
977GSBU)\Documents\HRA\Perris  ***       01/25/23
*** AERMET - VERSION  16216 ***   ***                                          ***       15:52:08
                                                                      PAGE   1
*** MODELOPTs:    NonDFAULT  CONC  FLAT  RURAL  ADJ_U*

                          ***     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 Allows User-Specified Options:
1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:
ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: OTHER

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

**This Run Includes: 462 Source(s); 19 Source Group(s); and 147 Receptor(s)

with: 6 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 456 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**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) = 499.60 ; 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.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

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

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.10000E+01	482753.5	3733867.6	499.6	3.66	366.00	57.10	0.10	NO	NO	NO	
STCK2	0	0.10000E+01	482693.2	3733818.0	499.6	3.66	366.00	57.10	0.10	NO	NO	NO	
STCK3	0	0.10000E+01	482594.1	3733818.5	499.6	3.66	366.00	57.10	0.10	NO	NO	NO	
STCK4	0	0.10000E+01	482693.2	3733728.5	499.6	3.66	366.00	57.10	0.10	NO	NO	NO	
STCK5	0	0.10000E+01	482798.3	3733727.4	499.6	3.66	291.00	0.00	0.05	NO	NO	NO	
STCK6	0	0.10000E+01	482798.3	3733728.5	499.6	3.66	288.71	0.00	0.05	NO	NO	NO	

*** 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	EMISSION RATE SCALAR VARY BY
L0000447	0	0.11236E-01	482871.2	3733879.2	499.6	1.83	4.25	4.25	NO	
L0000448	0	0.11236E-01	482862.0	3733879.2	499.6	1.83	4.25	4.25	NO	
L0000449	0	0.11236E-01	482852.9	3733879.2	499.6	1.83	4.25	4.25	NO	
L0000450	0	0.11236E-01	482843.7	3733879.2	499.6	1.83	4.25	4.25	NO	
L0000451	0	0.11236E-01	482834.6	3733879.2	499.6	1.83	4.25	4.25	NO	
L0000452	0	0.11236E-01	482825.4	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000453	0	0.11236E-01	482816.3	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000454	0	0.11236E-01	482807.1	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000455	0	0.11236E-01	482798.0	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000456	0	0.11236E-01	482788.9	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000457	0	0.11236E-01	482779.7	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000458	0	0.11236E-01	482770.6	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000459	0	0.11236E-01	482761.4	3733879.3	499.6	1.83	4.25	4.25	NO	
L0000460	0	0.11236E-01	482752.3	3733879.4	499.6	1.83	4.25	4.25	NO	

L0000461	0	0.11236E-01	482743.1	3733879.4	499.6	1.83	4.25	4.25	NO
L0000462	0	0.11236E-01	482734.0	3733879.4	499.6	1.83	4.25	4.25	NO
L0000463	0	0.11236E-01	482724.9	3733879.4	499.6	1.83	4.25	4.25	NO
L0000464	0	0.11236E-01	482715.7	3733879.4	499.6	1.83	4.25	4.25	NO
L0000465	0	0.11236E-01	482706.6	3733879.4	499.6	1.83	4.25	4.25	NO
L0000466	0	0.11236E-01	482697.4	3733879.4	499.6	1.83	4.25	4.25	NO
L0000467	0	0.11236E-01	482688.3	3733879.4	499.6	1.83	4.25	4.25	NO
L0000468	0	0.11236E-01	482679.1	3733879.5	499.6	1.83	4.25	4.25	NO
L0000469	0	0.11236E-01	482670.0	3733879.5	499.6	1.83	4.25	4.25	NO
L0000470	0	0.11236E-01	482660.8	3733879.5	499.6	1.83	4.25	4.25	NO
L0000471	0	0.11236E-01	482651.7	3733879.5	499.6	1.83	4.25	4.25	NO
L0000472	0	0.11236E-01	482642.6	3733879.5	499.6	1.83	4.25	4.25	NO
L0000473	0	0.11236E-01	482633.4	3733879.5	499.6	1.83	4.25	4.25	NO
L0000474	0	0.11236E-01	482624.3	3733879.5	499.6	1.83	4.25	4.25	NO
L0000475	0	0.11236E-01	482615.1	3733879.5	499.6	1.83	4.25	4.25	NO
L0000476	0	0.11236E-01	482606.0	3733879.6	499.6	1.83	4.25	4.25	NO
L0000477	0	0.11236E-01	482605.2	3733871.2	499.6	1.83	4.25	4.25	NO
L0000478	0	0.11236E-01	482605.2	3733862.1	499.6	1.83	4.25	4.25	NO
L0000479	0	0.11236E-01	482605.2	3733852.9	499.6	1.83	4.25	4.25	NO
L0000480	0	0.11236E-01	482605.2	3733843.8	499.6	1.83	4.25	4.25	NO
L0000481	0	0.11236E-01	482605.2	3733834.6	499.6	1.83	4.25	4.25	NO
L0000482	0	0.11236E-01	482605.2	3733825.5	499.6	1.83	4.25	4.25	NO
L0000483	0	0.11236E-01	482605.2	3733816.3	499.6	1.83	4.25	4.25	NO
L0000484	0	0.11236E-01	482605.2	3733807.2	499.6	1.83	4.25	4.25	NO
L0000485	0	0.11236E-01	482605.2	3733798.1	499.6	1.83	4.25	4.25	NO
L0000486	0	0.11236E-01	482605.2	3733788.9	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY
L0000487	0	0.11236E-01	482605.2	3733779.8	499.6	1.83	4.25	4.25	NO	
L0000488	0	0.11236E-01	482605.2	3733770.6	499.6	1.83	4.25	4.25	NO	
L0000489	0	0.11236E-01	482605.2	3733761.5	499.6	1.83	4.25	4.25	NO	
L0000490	0	0.11236E-01	482605.2	3733752.3	499.6	1.83	4.25	4.25	NO	
L0000491	0	0.11236E-01	482608.2	3733746.1	499.6	1.83	4.25	4.25	NO	
L0000492	0	0.11236E-01	482617.3	3733746.1	499.6	1.83	4.25	4.25	NO	
L0000493	0	0.11236E-01	482626.4	3733746.0	499.6	1.83	4.25	4.25	NO	
L0000494	0	0.11236E-01	482635.6	3733745.9	499.6	1.83	4.25	4.25	NO	
L0000495	0	0.11236E-01	482644.7	3733745.9	499.6	1.83	4.25	4.25	NO	
L0000496	0	0.11236E-01	482653.9	3733745.8	499.6	1.83	4.25	4.25	NO	
L0000497	0	0.11236E-01	482663.0	3733745.8	499.6	1.83	4.25	4.25	NO	
L0000498	0	0.11236E-01	482672.2	3733745.7	499.6	1.83	4.25	4.25	NO	
L0000499	0	0.11236E-01	482681.3	3733745.6	499.6	1.83	4.25	4.25	NO	
L0000500	0	0.11236E-01	482690.5	3733745.6	499.6	1.83	4.25	4.25	NO	
L0000501	0	0.11236E-01	482699.6	3733745.5	499.6	1.83	4.25	4.25	NO	
L0000502	0	0.11236E-01	482708.7	3733745.5	499.6	1.83	4.25	4.25	NO	

L0000503	0	0.11236E-01	482715.5	3733747.8	499.6	1.83	4.25	4.25	NO
L0000504	0	0.11236E-01	482715.5	3733756.9	499.6	1.83	4.25	4.25	NO
L0000505	0	0.11236E-01	482715.6	3733766.1	499.6	1.83	4.25	4.25	NO
L0000506	0	0.11236E-01	482715.6	3733775.2	499.6	1.83	4.25	4.25	NO
L0000507	0	0.11236E-01	482715.7	3733784.4	499.6	1.83	4.25	4.25	NO
L0000508	0	0.11236E-01	482715.7	3733793.5	499.6	1.83	4.25	4.25	NO
L0000509	0	0.11236E-01	482715.7	3733802.7	499.6	1.83	4.25	4.25	NO
L0000510	0	0.11236E-01	482715.8	3733811.8	499.6	1.83	4.25	4.25	NO
L0000511	0	0.11236E-01	482715.8	3733820.9	499.6	1.83	4.25	4.25	NO
L0000512	0	0.11236E-01	482715.9	3733830.1	499.6	1.83	4.25	4.25	NO
L0000513	0	0.11236E-01	482721.8	3733833.3	499.6	1.83	4.25	4.25	NO
L0000514	0	0.11236E-01	482730.9	3733833.2	499.6	1.83	4.25	4.25	NO
L0000515	0	0.11236E-01	482740.0	3733833.2	499.6	1.83	4.25	4.25	NO
L0000516	0	0.11236E-01	482749.2	3733833.1	499.6	1.83	4.25	4.25	NO
L0000517	0	0.11236E-01	482758.3	3733833.0	499.6	1.83	4.25	4.25	NO
L0000518	0	0.11236E-01	482767.5	3733832.9	499.6	1.83	4.25	4.25	NO
L0000519	0	0.11236E-01	482776.6	3733832.9	499.6	1.83	4.25	4.25	NO
L0000520	0	0.11236E-01	482785.8	3733832.8	499.6	1.83	4.25	4.25	NO
L0000521	0	0.11236E-01	482794.9	3733832.7	499.6	1.83	4.25	4.25	NO
L0000522	0	0.11236E-01	482804.0	3733832.6	499.6	1.83	4.25	4.25	NO
L0000523	0	0.11236E-01	482813.2	3733832.6	499.6	1.83	4.25	4.25	NO
L0000524	0	0.11236E-01	482822.3	3733832.5	499.6	1.83	4.25	4.25	NO
L0000525	0	0.11236E-01	482831.5	3733832.4	499.6	1.83	4.25	4.25	NO
L0000526	0	0.11236E-01	482840.6	3733832.4	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY
L0000527	0	0.11236E-01	482849.8	3733832.3	499.6	1.83	4.25	4.25	NO	
L0000528	0	0.11236E-01	482856.0	3733835.2	499.6	1.83	4.25	4.25	NO	
L0000529	0	0.11236E-01	482856.0	3733844.3	499.6	1.83	4.25	4.25	NO	
L0000530	0	0.11236E-01	482856.0	3733853.4	499.6	1.83	4.25	4.25	NO	
L0000531	0	0.11236E-01	482856.0	3733862.6	499.6	1.83	4.25	4.25	NO	
L0000532	0	0.11236E-01	482856.0	3733871.7	499.6	1.83	4.25	4.25	NO	
L0000533	0	0.11236E-01	482858.4	3733878.5	499.6	1.83	4.25	4.25	NO	
L0000534	0	0.11236E-01	482867.6	3733878.6	499.6	1.83	4.25	4.25	NO	
L0000535	0	0.11236E-01	482876.7	3733878.8	499.6	1.83	4.25	4.25	NO	
VOL1	0	0.10000E+01	482813.7	3733868.0	499.6	1.83	0.69	0.00	NO	
VOL2	0	0.10000E+01	482753.7	3733868.0	499.6	1.83	0.69	0.00	NO	
VOL3	0	0.10000E+01	482693.7	3733868.0	499.6	1.83	0.69	0.00	NO	
VOL4	0	0.10000E+01	482693.7	3733818.0	499.6	1.83	0.69	0.00	NO	
VOL5	0	0.10000E+01	482693.7	3733728.0	499.6	1.83	0.69	0.00	NO	
VOL6	0	0.10000E+01	482593.7	3733818.0	499.6	1.83	0.69	0.00	NO	
VOL7	0	0.10000E+01	482593.7	3733868.0	499.6	1.83	0.69	0.00	NO	
VOL8	0	0.10000E+01	482593.7	3733768.0	499.6	1.83	0.69	0.00	NO	
L0000536	0	0.52632E-02	482879.2	3733875.0	499.6	1.83	4.25	4.25	NO	

L0000537	0	0.52632E-02	482879.1	3733865.8	499.6	1.83	4.25	4.25	NO
L0000538	0	0.52632E-02	482879.0	3733856.7	499.6	1.83	4.25	4.25	NO
L0000539	0	0.52632E-02	482879.0	3733847.5	499.6	1.83	4.25	4.25	NO
L0000540	0	0.52632E-02	482878.9	3733838.4	499.6	1.83	4.25	4.25	NO
L0000541	0	0.52632E-02	482878.9	3733829.2	499.6	1.83	4.25	4.25	NO
L0000542	0	0.52632E-02	482878.8	3733820.1	499.6	1.83	4.25	4.25	NO
L0000543	0	0.52632E-02	482878.7	3733811.0	499.6	1.83	4.25	4.25	NO
L0000544	0	0.52632E-02	482878.7	3733801.8	499.6	1.83	4.25	4.25	NO
L0000545	0	0.52632E-02	482878.6	3733792.7	499.6	1.83	4.25	4.25	NO
L0000546	0	0.52632E-02	482878.5	3733783.5	499.6	1.83	4.25	4.25	NO
L0000547	0	0.52632E-02	482878.5	3733774.4	499.6	1.83	4.25	4.25	NO
L0000548	0	0.52632E-02	482878.4	3733765.2	499.6	1.83	4.25	4.25	NO
L0000549	0	0.52632E-02	482878.4	3733756.1	499.6	1.83	4.25	4.25	NO
L0000550	0	0.52632E-02	482878.3	3733747.0	499.6	1.83	4.25	4.25	NO
L0000551	0	0.52632E-02	482878.2	3733737.8	499.6	1.83	4.25	4.25	NO
L0000552	0	0.52632E-02	482878.2	3733728.7	499.6	1.83	4.25	4.25	NO
L0000553	0	0.52632E-02	482878.1	3733719.5	499.6	1.83	4.25	4.25	NO
L0000554	0	0.52632E-02	482878.1	3733710.4	499.6	1.83	4.25	4.25	NO
L0000555	0	0.52632E-02	482878.0	3733701.2	499.6	1.83	4.25	4.25	NO
L0000556	0	0.52632E-02	482877.9	3733692.1	499.6	1.83	4.25	4.25	NO
L0000557	0	0.52632E-02	482877.9	3733682.9	499.6	1.83	4.25	4.25	NO
L0000558	0	0.52632E-02	482877.8	3733673.8	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY
L0000559	0	0.52632E-02	482869.5	3733673.0	499.6	1.83	4.25	4.25	NO	
L0000560	0	0.52632E-02	482860.3	3733673.0	499.6	1.83	4.25	4.25	NO	
L0000561	0	0.52632E-02	482851.2	3733673.1	499.6	1.83	4.25	4.25	NO	
L0000562	0	0.52632E-02	482842.0	3733673.1	499.6	1.83	4.25	4.25	NO	
L0000563	0	0.52632E-02	482832.9	3733673.1	499.6	1.83	4.25	4.25	NO	
L0000564	0	0.52632E-02	482823.8	3733673.2	499.6	1.83	4.25	4.25	NO	
L0000565	0	0.52632E-02	482814.6	3733673.2	499.6	1.83	4.25	4.25	NO	
L0000566	0	0.52632E-02	482805.5	3733673.2	499.6	1.83	4.25	4.25	NO	
L0000567	0	0.52632E-02	482796.3	3733673.3	499.6	1.83	4.25	4.25	NO	
L0000568	0	0.52632E-02	482787.2	3733673.3	499.6	1.83	4.25	4.25	NO	
L0000569	0	0.52632E-02	482778.0	3733673.3	499.6	1.83	4.25	4.25	NO	
L0000570	0	0.52632E-02	482768.9	3733673.3	499.6	1.83	4.25	4.25	NO	
L0000571	0	0.52632E-02	482759.7	3733673.4	499.6	1.83	4.25	4.25	NO	
L0000572	0	0.52632E-02	482750.6	3733673.4	499.6	1.83	4.25	4.25	NO	
L0000573	0	0.52632E-02	482741.5	3733673.4	499.6	1.83	4.25	4.25	NO	
L0000574	0	0.52632E-02	482732.3	3733673.5	499.6	1.83	4.25	4.25	NO	
L0000575	0	0.52632E-02	482723.2	3733673.5	499.6	1.83	4.25	4.25	NO	
L0000576	0	0.52632E-02	482714.0	3733673.5	499.6	1.83	4.25	4.25	NO	
L0000577	0	0.52632E-02	482704.9	3733673.6	499.6	1.83	4.25	4.25	NO	
L0000578	0	0.52632E-02	482695.7	3733673.6	499.6	1.83	4.25	4.25	NO	

L0000579	0	0.52632E-02	482686.6	3733673.6	499.6	1.83	4.25	4.25	NO
L0000580	0	0.52632E-02	482677.5	3733673.6	499.6	1.83	4.25	4.25	NO
L0000581	0	0.52632E-02	482668.3	3733673.7	499.6	1.83	4.25	4.25	NO
L0000582	0	0.52632E-02	482659.2	3733673.7	499.6	1.83	4.25	4.25	NO
L0000583	0	0.52632E-02	482650.0	3733673.7	499.6	1.83	4.25	4.25	NO
L0000584	0	0.52632E-02	482640.9	3733673.8	499.6	1.83	4.25	4.25	NO
L0000585	0	0.52632E-02	482631.7	3733673.8	499.6	1.83	4.25	4.25	NO
L0000586	0	0.52632E-02	482622.6	3733673.8	499.6	1.83	4.25	4.25	NO
L0000587	0	0.52632E-02	482613.4	3733673.9	499.6	1.83	4.25	4.25	NO
L0000588	0	0.52632E-02	482604.3	3733673.9	499.6	1.83	4.25	4.25	NO
L0000589	0	0.52632E-02	482595.2	3733673.9	499.6	1.83	4.25	4.25	NO
L0000590	0	0.52632E-02	482586.0	3733673.9	499.6	1.83	4.25	4.25	NO
L0000591	0	0.52632E-02	482576.9	3733674.0	499.6	1.83	4.25	4.25	NO
L0000592	0	0.52632E-02	482567.7	3733674.0	499.6	1.83	4.25	4.25	NO
L0000593	0	0.52632E-02	482558.6	3733674.0	499.6	1.83	4.25	4.25	NO
L0000594	0	0.52632E-02	482549.4	3733674.1	499.6	1.83	4.25	4.25	NO
L0000595	0	0.52632E-02	482540.3	3733674.1	499.6	1.83	4.25	4.25	NO
L0000596	0	0.52632E-02	482531.1	3733674.1	499.6	1.83	4.25	4.25	NO
L0000597	0	0.52632E-02	482522.0	3733674.2	499.6	1.83	4.25	4.25	NO
L0000598	0	0.52632E-02	482512.9	3733674.2	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY
L0000599	0	0.52632E-02	482503.7	3733674.2	499.6	1.83	4.25	4.25	NO	
L0000600	0	0.52632E-02	482494.6	3733674.2	499.6	1.83	4.25	4.25	NO	
L0000601	0	0.52632E-02	482485.4	3733674.3	499.6	1.83	4.25	4.25	NO	
L0000602	0	0.52632E-02	482476.3	3733674.3	499.6	1.83	4.25	4.25	NO	
L0000603	0	0.52632E-02	482467.1	3733674.3	499.6	1.83	4.25	4.25	NO	
L0000604	0	0.52632E-02	482458.0	3733674.4	499.6	1.83	4.25	4.25	NO	
L0000605	0	0.52632E-02	482452.3	3733677.8	499.6	1.83	4.25	4.25	NO	
L0000606	0	0.52632E-02	482452.4	3733686.9	499.6	1.83	4.25	4.25	NO	
L0000607	0	0.52632E-02	482452.5	3733696.0	499.6	1.83	4.25	4.25	NO	
L0000608	0	0.52632E-02	482452.7	3733705.2	499.6	1.83	4.25	4.25	NO	
L0000609	0	0.52632E-02	482452.8	3733714.3	499.6	1.83	4.25	4.25	NO	
L0000610	0	0.52632E-02	482452.9	3733723.5	499.6	1.83	4.25	4.25	NO	
L0000611	0	0.52632E-02	482453.0	3733732.6	499.6	1.83	4.25	4.25	NO	
L0000612	0	0.52632E-02	482453.2	3733741.8	499.6	1.83	4.25	4.25	NO	
L0000613	0	0.52632E-02	482453.3	3733750.9	499.6	1.83	4.25	4.25	NO	
L0000614	0	0.52632E-02	482453.4	3733760.0	499.6	1.83	4.25	4.25	NO	
L0000615	0	0.52632E-02	482453.5	3733769.2	499.6	1.83	4.25	4.25	NO	
L0000616	0	0.52632E-02	482453.7	3733778.3	499.6	1.83	4.25	4.25	NO	
L0000617	0	0.52632E-02	482453.8	3733787.5	499.6	1.83	4.25	4.25	NO	
L0000618	0	0.52632E-02	482453.9	3733796.6	499.6	1.83	4.25	4.25	NO	
L0000619	0	0.52632E-02	482454.0	3733805.8	499.6	1.83	4.25	4.25	NO	
L0000620	0	0.52632E-02	482454.2	3733814.9	499.6	1.83	4.25	4.25	NO	

L0000621	0	0.52632E-02	482454.3	3733824.1	499.6	1.83	4.25	4.25	NO
L0000622	0	0.52632E-02	482454.4	3733833.2	499.6	1.83	4.25	4.25	NO
L0000623	0	0.52632E-02	482454.5	3733842.3	499.6	1.83	4.25	4.25	NO
L0000624	0	0.52632E-02	482454.7	3733851.5	499.6	1.83	4.25	4.25	NO
L0000625	0	0.52632E-02	482454.8	3733860.6	499.6	1.83	4.25	4.25	NO
L0000626	0	0.52632E-02	482454.9	3733869.8	499.6	1.83	4.25	4.25	NO
L0000627	0	0.52632E-02	482455.0	3733878.9	499.6	1.83	4.25	4.25	NO
L0000628	0	0.52632E-02	482455.2	3733888.1	499.6	1.83	4.25	4.25	NO
L0000629	0	0.52632E-02	482455.3	3733897.2	499.6	1.83	4.25	4.25	NO
L0000630	0	0.52632E-02	482455.4	3733906.3	499.6	1.83	4.25	4.25	NO
L0000631	0	0.52632E-02	482455.5	3733915.5	499.6	1.83	4.25	4.25	NO
L0000632	0	0.52632E-02	482455.7	3733924.6	499.6	1.83	4.25	4.25	NO
L0000633	0	0.52632E-02	482455.8	3733933.8	499.6	1.83	4.25	4.25	NO
L0000634	0	0.52632E-02	482455.9	3733942.9	499.6	1.83	4.25	4.25	NO
L0000635	0	0.52632E-02	482456.0	3733952.1	499.6	1.83	4.25	4.25	NO
L0000636	0	0.52632E-02	482456.2	3733961.2	499.6	1.83	4.25	4.25	NO
L0000637	0	0.52632E-02	482456.3	3733970.3	499.6	1.83	4.25	4.25	NO
L0000638	0	0.52632E-02	482456.4	3733979.5	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY
L0000639	0	0.52632E-02	482456.5	3733988.6	499.6	1.83	4.25	4.25	NO	
L0000640	0	0.52632E-02	482456.7	3733997.8	499.6	1.83	4.25	4.25	NO	
L0000641	0	0.52632E-02	482456.8	3734006.9	499.6	1.83	4.25	4.25	NO	
L0000642	0	0.52632E-02	482456.9	3734016.1	499.6	1.83	4.25	4.25	NO	
L0000643	0	0.52632E-02	482457.0	3734025.2	499.6	1.83	4.25	4.25	NO	
L0000644	0	0.52632E-02	482457.2	3734034.3	499.6	1.83	4.25	4.25	NO	
L0000645	0	0.52632E-02	482457.3	3734043.5	499.6	1.83	4.25	4.25	NO	
L0000646	0	0.52632E-02	482457.4	3734052.6	499.6	1.83	4.25	4.25	NO	
L0000647	0	0.52632E-02	482457.5	3734061.8	499.6	1.83	4.25	4.25	NO	
L0000648	0	0.52632E-02	482457.7	3734070.9	499.6	1.83	4.25	4.25	NO	
L0000649	0	0.52632E-02	482457.8	3734080.1	499.6	1.83	4.25	4.25	NO	
L0000650	0	0.52632E-02	482457.9	3734089.2	499.6	1.83	4.25	4.25	NO	
L0000651	0	0.52632E-02	482458.0	3734098.3	499.6	1.83	4.25	4.25	NO	
L0000652	0	0.52632E-02	482458.2	3734107.5	499.6	1.83	4.25	4.25	NO	
L0000653	0	0.52632E-02	482458.3	3734116.6	499.6	1.83	4.25	4.25	NO	
L0000654	0	0.52632E-02	482458.4	3734125.8	499.6	1.83	4.25	4.25	NO	
L0000655	0	0.52632E-02	482458.5	3734134.9	499.6	1.83	4.25	4.25	NO	
L0000656	0	0.52632E-02	482458.7	3734144.1	499.6	1.83	4.25	4.25	NO	
L0000657	0	0.52632E-02	482458.8	3734153.2	499.6	1.83	4.25	4.25	NO	
L0000658	0	0.52632E-02	482458.9	3734162.3	499.6	1.83	4.25	4.25	NO	
L0000659	0	0.52632E-02	482459.0	3734171.5	499.6	1.83	4.25	4.25	NO	
L0000660	0	0.52632E-02	482459.2	3734180.6	499.6	1.83	4.25	4.25	NO	
L0000661	0	0.52632E-02	482459.3	3734189.8	499.6	1.83	4.25	4.25	NO	
L0000662	0	0.52632E-02	482459.4	3734198.9	499.6	1.83	4.25	4.25	NO	

L0000663	0	0.52632E-02	482459.5	3734208.1	499.6	1.83	4.25	4.25	NO
L0000664	0	0.52632E-02	482459.7	3734217.2	499.6	1.83	4.25	4.25	NO
L0000665	0	0.52632E-02	482459.8	3734226.3	499.6	1.83	4.25	4.25	NO
L0000666	0	0.52632E-02	482459.9	3734235.5	499.6	1.83	4.25	4.25	NO
L0000667	0	0.52632E-02	482460.0	3734244.6	499.6	1.83	4.25	4.25	NO
L0000668	0	0.52632E-02	482460.2	3734253.8	499.6	1.83	4.25	4.25	NO
L0000669	0	0.52632E-02	482460.3	3734262.9	499.6	1.83	4.25	4.25	NO
L0000670	0	0.52632E-02	482460.4	3734272.1	499.6	1.83	4.25	4.25	NO
L0000671	0	0.52632E-02	482460.6	3734281.2	499.6	1.83	4.25	4.25	NO
L0000672	0	0.52632E-02	482460.7	3734290.4	499.6	1.83	4.25	4.25	NO
L0000673	0	0.52632E-02	482460.8	3734299.5	499.6	1.83	4.25	4.25	NO
L0000674	0	0.52632E-02	482460.9	3734308.6	499.6	1.83	4.25	4.25	NO
L0000675	0	0.52632E-02	482461.1	3734317.8	499.6	1.83	4.25	4.25	NO
L0000676	0	0.52632E-02	482461.2	3734326.9	499.6	1.83	4.25	4.25	NO
L0000677	0	0.52632E-02	482461.3	3734336.1	499.6	1.83	4.25	4.25	NO
L0000678	0	0.52632E-02	482461.4	3734345.2	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** 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	EMISSION RATE SCALAR VARY BY
L0000679	0	0.52632E-02	482461.6	3734354.4	499.6	1.83	4.25	4.25	NO	
L0000680	0	0.52632E-02	482461.7	3734363.5	499.6	1.83	4.25	4.25	NO	
L0000681	0	0.52632E-02	482461.8	3734372.6	499.6	1.83	4.25	4.25	NO	
L0000682	0	0.52632E-02	482461.9	3734381.8	499.6	1.83	4.25	4.25	NO	
L0000683	0	0.52632E-02	482462.1	3734390.9	499.6	1.83	4.25	4.25	NO	
L0000684	0	0.52632E-02	482462.2	3734400.1	499.6	1.83	4.25	4.25	NO	
L0000685	0	0.52632E-02	482462.3	3734409.2	499.6	1.83	4.25	4.25	NO	
L0000686	0	0.52632E-02	482462.4	3734418.4	499.6	1.83	4.25	4.25	NO	
L0000687	0	0.52632E-02	482462.6	3734427.5	499.6	1.83	4.25	4.25	NO	
L0000688	0	0.52632E-02	482462.7	3734436.6	499.6	1.83	4.25	4.25	NO	
L0000689	0	0.52632E-02	482462.8	3734445.8	499.6	1.83	4.25	4.25	NO	
L0000690	0	0.52632E-02	482462.9	3734454.9	499.6	1.83	4.25	4.25	NO	
L0000691	0	0.52632E-02	482463.1	3734464.1	499.6	1.83	4.25	4.25	NO	
L0000692	0	0.52632E-02	482463.2	3734473.2	499.6	1.83	4.25	4.25	NO	
L0000693	0	0.52632E-02	482463.3	3734482.4	499.6	1.83	4.25	4.25	NO	
L0000694	0	0.52632E-02	482463.4	3734491.5	499.6	1.83	4.25	4.25	NO	
L0000695	0	0.52632E-02	482463.6	3734500.6	499.6	1.83	4.25	4.25	NO	
L0000696	0	0.52632E-02	482463.7	3734509.8	499.6	1.83	4.25	4.25	NO	
L0000697	0	0.52632E-02	482463.8	3734518.9	499.6	1.83	4.25	4.25	NO	
L0000698	0	0.52632E-02	482463.9	3734528.1	499.6	1.83	4.25	4.25	NO	
L0000699	0	0.52632E-02	482464.1	3734537.2	499.6	1.83	4.25	4.25	NO	
L0000700	0	0.52632E-02	482464.2	3734546.4	499.6	1.83	4.25	4.25	NO	
L0000701	0	0.52632E-02	482464.3	3734555.5	499.6	1.83	4.25	4.25	NO	
L0000702	0	0.52632E-02	482464.4	3734564.6	499.6	1.83	4.25	4.25	NO	
L0000703	0	0.52632E-02	482464.6	3734573.8	499.6	1.83	4.25	4.25	NO	
L0000704	0	0.52632E-02	482464.7	3734582.9	499.6	1.83	4.25	4.25	NO	

L0000705	0	0.52632E-02	482464.8	3734592.1	499.6	1.83	4.25	4.25	NO
L0000706	0	0.52632E-02	482464.9	3734601.2	499.6	1.83	4.25	4.25	NO
L0000707	0	0.52632E-02	482465.1	3734610.4	499.6	1.83	4.25	4.25	NO
L0000708	0	0.52632E-02	482465.2	3734619.5	499.6	1.83	4.25	4.25	NO
L0000709	0	0.52632E-02	482465.3	3734628.6	499.6	1.83	4.25	4.25	NO
L0000710	0	0.52632E-02	482465.4	3734637.8	499.6	1.83	4.25	4.25	NO
L0000711	0	0.52632E-02	482465.6	3734646.9	499.6	1.83	4.25	4.25	NO
L0000712	0	0.52632E-02	482465.7	3734656.1	499.6	1.83	4.25	4.25	NO
L0000713	0	0.52632E-02	482465.8	3734665.2	499.6	1.83	4.25	4.25	NO
L0000714	0	0.52632E-02	482465.9	3734674.4	499.6	1.83	4.25	4.25	NO
L0000715	0	0.52632E-02	482466.1	3734683.5	499.6	1.83	4.25	4.25	NO
L0000716	0	0.52632E-02	482466.2	3734692.6	499.6	1.83	4.25	4.25	NO
L0000717	0	0.52632E-02	482466.3	3734701.8	499.6	1.83	4.25	4.25	NO
L0000718	0	0.52632E-02	482466.4	3734710.9	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	BASE Y (METERS)	RELEASE ELEV. (METERS)	INIT. HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000719	0	0.52632E-02	482466.6	3734720.1	499.6	1.83	4.25	4.25	NO	
L0000720	0	0.52632E-02	482466.7	3734729.2	499.6	1.83	4.25	4.25	NO	
L0000721	0	0.52632E-02	482466.8	3734738.4	499.6	1.83	4.25	4.25	NO	
L0000722	0	0.52632E-02	482466.9	3734747.5	499.6	1.83	4.25	4.25	NO	
L0000723	0	0.52632E-02	482467.1	3734756.7	499.6	1.83	4.25	4.25	NO	
L0000724	0	0.52632E-02	482467.2	3734765.8	499.6	1.83	4.25	4.25	NO	
L0000725	0	0.52632E-02	482467.3	3734774.9	499.6	1.83	4.25	4.25	NO	
L0000726	0	0.59880E-02	482878.7	3733875.6	499.6	1.83	4.25	4.25	NO	
L0000727	0	0.59880E-02	482878.8	3733866.5	499.6	1.83	4.25	4.25	NO	
L0000728	0	0.59880E-02	482878.8	3733857.3	499.6	1.83	4.25	4.25	NO	
L0000729	0	0.59880E-02	482878.9	3733848.2	499.6	1.83	4.25	4.25	NO	
L0000730	0	0.59880E-02	482878.9	3733839.0	499.6	1.83	4.25	4.25	NO	
L0000731	0	0.59880E-02	482879.0	3733829.9	499.6	1.83	4.25	4.25	NO	
L0000732	0	0.59880E-02	482879.1	3733820.8	499.6	1.83	4.25	4.25	NO	
L0000733	0	0.59880E-02	482879.1	3733811.6	499.6	1.83	4.25	4.25	NO	
L0000734	0	0.59880E-02	482879.2	3733802.5	499.6	1.83	4.25	4.25	NO	
L0000735	0	0.59880E-02	482879.2	3733793.3	499.6	1.83	4.25	4.25	NO	
L0000736	0	0.59880E-02	482879.3	3733784.2	499.6	1.83	4.25	4.25	NO	
L0000737	0	0.59880E-02	482879.4	3733775.0	499.6	1.83	4.25	4.25	NO	
L0000738	0	0.59880E-02	482879.4	3733765.9	499.6	1.83	4.25	4.25	NO	
L0000739	0	0.59880E-02	482879.5	3733756.8	499.6	1.83	4.25	4.25	NO	
L0000740	0	0.59880E-02	482879.6	3733747.6	499.6	1.83	4.25	4.25	NO	
L0000741	0	0.59880E-02	482879.6	3733738.5	499.6	1.83	4.25	4.25	NO	
L0000742	0	0.59880E-02	482879.7	3733729.3	499.6	1.83	4.25	4.25	NO	
L0000743	0	0.59880E-02	482879.7	3733720.2	499.6	1.83	4.25	4.25	NO	
L0000744	0	0.59880E-02	482879.8	3733711.0	499.6	1.83	4.25	4.25	NO	
L0000745	0	0.59880E-02	482879.9	3733701.9	499.6	1.83	4.25	4.25	NO	
L0000746	0	0.59880E-02	482879.9	3733692.7	499.6	1.83	4.25	4.25	NO	

L0000747	0	0.59880E-02	482880.0	3733683.6	499.6	1.83	4.25	4.25	NO
L0000748	0	0.59880E-02	482880.0	3733674.5	499.6	1.83	4.25	4.25	NO
L0000749	0	0.59880E-02	482871.6	3733673.8	499.6	1.83	4.25	4.25	NO
L0000750	0	0.59880E-02	482862.4	3733673.9	499.6	1.83	4.25	4.25	NO
L0000751	0	0.59880E-02	482853.3	3733673.9	499.6	1.83	4.25	4.25	NO
L0000752	0	0.59880E-02	482844.1	3733673.9	499.6	1.83	4.25	4.25	NO
L0000753	0	0.59880E-02	482835.0	3733674.0	499.6	1.83	4.25	4.25	NO
L0000754	0	0.59880E-02	482825.8	3733674.0	499.6	1.83	4.25	4.25	NO
L0000755	0	0.59880E-02	482816.7	3733674.0	499.6	1.83	4.25	4.25	NO
L0000756	0	0.59880E-02	482807.5	3733674.0	499.6	1.83	4.25	4.25	NO
L0000757	0	0.59880E-02	482798.4	3733674.1	499.6	1.83	4.25	4.25	NO
L0000758	0	0.59880E-02	482789.3	3733674.1	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	Y (METERS)	ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000759	0	0.59880E-02	482780.1	3733674.1	499.6	1.83	4.25	4.25	NO	
L0000760	0	0.59880E-02	482771.0	3733674.2	499.6	1.83	4.25	4.25	NO	
L0000761	0	0.59880E-02	482761.8	3733674.2	499.6	1.83	4.25	4.25	NO	
L0000762	0	0.59880E-02	482752.7	3733674.2	499.6	1.83	4.25	4.25	NO	
L0000763	0	0.59880E-02	482743.5	3733674.3	499.6	1.83	4.25	4.25	NO	
L0000764	0	0.59880E-02	482734.4	3733674.3	499.6	1.83	4.25	4.25	NO	
L0000765	0	0.59880E-02	482725.3	3733674.3	499.6	1.83	4.25	4.25	NO	
L0000766	0	0.59880E-02	482716.1	3733674.3	499.6	1.83	4.25	4.25	NO	
L0000767	0	0.59880E-02	482707.0	3733674.4	499.6	1.83	4.25	4.25	NO	
L0000768	0	0.59880E-02	482697.8	3733674.4	499.6	1.83	4.25	4.25	NO	
L0000769	0	0.59880E-02	482688.7	3733674.4	499.6	1.83	4.25	4.25	NO	
L0000770	0	0.59880E-02	482679.5	3733674.5	499.6	1.83	4.25	4.25	NO	
L0000771	0	0.59880E-02	482670.4	3733674.5	499.6	1.83	4.25	4.25	NO	
L0000772	0	0.59880E-02	482661.2	3733674.5	499.6	1.83	4.25	4.25	NO	
L0000773	0	0.59880E-02	482652.1	3733674.6	499.6	1.83	4.25	4.25	NO	
L0000774	0	0.59880E-02	482643.0	3733674.6	499.6	1.83	4.25	4.25	NO	
L0000775	0	0.59880E-02	482633.8	3733674.6	499.6	1.83	4.25	4.25	NO	
L0000776	0	0.59880E-02	482624.7	3733674.6	499.6	1.83	4.25	4.25	NO	
L0000777	0	0.59880E-02	482615.5	3733674.7	499.6	1.83	4.25	4.25	NO	
L0000778	0	0.59880E-02	482606.4	3733674.7	499.6	1.83	4.25	4.25	NO	
L0000779	0	0.59880E-02	482597.2	3733674.7	499.6	1.83	4.25	4.25	NO	
L0000780	0	0.59880E-02	482588.1	3733674.8	499.6	1.83	4.25	4.25	NO	
L0000781	0	0.59880E-02	482578.9	3733674.8	499.6	1.83	4.25	4.25	NO	
L0000782	0	0.59880E-02	482569.8	3733674.8	499.6	1.83	4.25	4.25	NO	
L0000783	0	0.59880E-02	482560.7	3733674.9	499.6	1.83	4.25	4.25	NO	
L0000784	0	0.59880E-02	482551.5	3733674.9	499.6	1.83	4.25	4.25	NO	
L0000785	0	0.59880E-02	482542.4	3733674.9	499.6	1.83	4.25	4.25	NO	
L0000786	0	0.59880E-02	482533.2	3733674.9	499.6	1.83	4.25	4.25	NO	
L0000787	0	0.59880E-02	482524.1	3733675.0	499.6	1.83	4.25	4.25	NO	
L0000788	0	0.59880E-02	482514.9	3733675.0	499.6	1.83	4.25	4.25	NO	

L0000789	0	0.59880E-02	482505.8	3733675.0	499.6	1.83	4.25	4.25	NO
L0000790	0	0.59880E-02	482496.7	3733675.1	499.6	1.83	4.25	4.25	NO
L0000791	0	0.59880E-02	482487.5	3733675.1	499.6	1.83	4.25	4.25	NO
L0000792	0	0.59880E-02	482478.4	3733675.1	499.6	1.83	4.25	4.25	NO
L0000793	0	0.59880E-02	482469.2	3733675.1	499.6	1.83	4.25	4.25	NO
L0000794	0	0.59880E-02	482460.1	3733675.2	499.6	1.83	4.25	4.25	NO
L0000795	0	0.59880E-02	482450.9	3733675.2	499.6	1.83	4.25	4.25	NO
L0000796	0	0.59880E-02	482450.6	3733666.4	499.6	1.83	4.25	4.25	NO
L0000797	0	0.59880E-02	482450.7	3733657.3	499.6	1.83	4.25	4.25	NO
L0000798	0	0.59880E-02	482450.8	3733648.2	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	BASE Y (METERS)	RELEASE ELEV. (METERS)	INIT. HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000799	0	0.59880E-02	482450.8	3733639.0	499.6	1.83	4.25	4.25	NO	
L0000800	0	0.59880E-02	482450.9	3733629.9	499.6	1.83	4.25	4.25	NO	
L0000801	0	0.59880E-02	482451.0	3733620.7	499.6	1.83	4.25	4.25	NO	
L0000802	0	0.59880E-02	482451.1	3733611.6	499.6	1.83	4.25	4.25	NO	
L0000803	0	0.59880E-02	482451.1	3733602.4	499.6	1.83	4.25	4.25	NO	
L0000804	0	0.59880E-02	482451.2	3733593.3	499.6	1.83	4.25	4.25	NO	
L0000805	0	0.59880E-02	482451.3	3733584.2	499.6	1.83	4.25	4.25	NO	
L0000806	0	0.59880E-02	482451.3	3733575.0	499.6	1.83	4.25	4.25	NO	
L0000807	0	0.59880E-02	482451.4	3733565.9	499.6	1.83	4.25	4.25	NO	
L0000808	0	0.59880E-02	482451.5	3733556.7	499.6	1.83	4.25	4.25	NO	
L0000809	0	0.59880E-02	482451.6	3733547.6	499.6	1.83	4.25	4.25	NO	
L0000810	0	0.59880E-02	482451.6	3733538.4	499.6	1.83	4.25	4.25	NO	
L0000811	0	0.59880E-02	482451.7	3733529.3	499.6	1.83	4.25	4.25	NO	
L0000812	0	0.59880E-02	482451.8	3733520.1	499.6	1.83	4.25	4.25	NO	
L0000813	0	0.59880E-02	482451.8	3733511.0	499.6	1.83	4.25	4.25	NO	
L0000814	0	0.59880E-02	482451.9	3733501.9	499.6	1.83	4.25	4.25	NO	
L0000815	0	0.59880E-02	482452.0	3733492.7	499.6	1.83	4.25	4.25	NO	
L0000816	0	0.59880E-02	482452.1	3733483.6	499.6	1.83	4.25	4.25	NO	
L0000817	0	0.59880E-02	482452.1	3733474.4	499.6	1.83	4.25	4.25	NO	
L0000818	0	0.59880E-02	482452.2	3733465.3	499.6	1.83	4.25	4.25	NO	
L0000819	0	0.59880E-02	482452.3	3733456.1	499.6	1.83	4.25	4.25	NO	
L0000820	0	0.59880E-02	482452.3	3733447.0	499.6	1.83	4.25	4.25	NO	
L0000821	0	0.59880E-02	482452.4	3733437.9	499.6	1.83	4.25	4.25	NO	
L0000822	0	0.59880E-02	482452.5	3733428.7	499.6	1.83	4.25	4.25	NO	
L0000823	0	0.59880E-02	482452.6	3733419.6	499.6	1.83	4.25	4.25	NO	
L0000824	0	0.59880E-02	482452.6	3733410.4	499.6	1.83	4.25	4.25	NO	
L0000825	0	0.59880E-02	482452.7	3733401.3	499.6	1.83	4.25	4.25	NO	
L0000826	0	0.59880E-02	482452.8	3733392.1	499.6	1.83	4.25	4.25	NO	
L0000827	0	0.59880E-02	482452.9	3733383.0	499.6	1.83	4.25	4.25	NO	
L0000828	0	0.59880E-02	482452.9	3733373.8	499.6	1.83	4.25	4.25	NO	
L0000829	0	0.59880E-02	482453.0	3733364.7	499.6	1.83	4.25	4.25	NO	
L0000830	0	0.59880E-02	482453.1	3733355.6	499.6	1.83	4.25	4.25	NO	

L0000831	0	0.59880E-02	482453.1	3733346.4	499.6	1.83	4.25	4.25	NO
L0000832	0	0.59880E-02	482453.2	3733337.3	499.6	1.83	4.25	4.25	NO
L0000833	0	0.59880E-02	482453.3	3733328.1	499.6	1.83	4.25	4.25	NO
L0000834	0	0.59880E-02	482453.4	3733319.0	499.6	1.83	4.25	4.25	NO
L0000835	0	0.59880E-02	482453.4	3733309.8	499.6	1.83	4.25	4.25	NO
L0000836	0	0.59880E-02	482453.5	3733300.7	499.6	1.83	4.25	4.25	NO
L0000837	0	0.59880E-02	482453.6	3733291.6	499.6	1.83	4.25	4.25	NO
L0000838	0	0.59880E-02	482453.6	3733282.4	499.6	1.83	4.25	4.25	NO

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	BASE X (METERS)	Y (METERS)	ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000839	0	0.59880E-02	482453.7	3733273.3	499.6	1.83	4.25	4.25	NO	
L0000840	0	0.59880E-02	482453.8	3733264.1	499.6	1.83	4.25	4.25	NO	
L0000841	0	0.59880E-02	482453.9	3733255.0	499.6	1.83	4.25	4.25	NO	
L0000842	0	0.59880E-02	482453.9	3733245.8	499.6	1.83	4.25	4.25	NO	
L0000843	0	0.59880E-02	482454.0	3733236.7	499.6	1.83	4.25	4.25	NO	
L0000844	0	0.59880E-02	482454.1	3733227.5	499.6	1.83	4.25	4.25	NO	
L0000845	0	0.59880E-02	482454.1	3733218.4	499.6	1.83	4.25	4.25	NO	
L0000846	0	0.59880E-02	482454.2	3733209.3	499.6	1.83	4.25	4.25	NO	
L0000847	0	0.59880E-02	482454.3	3733200.1	499.6	1.83	4.25	4.25	NO	
L0000848	0	0.59880E-02	482454.4	3733191.0	499.6	1.83	4.25	4.25	NO	
L0000849	0	0.59880E-02	482454.4	3733181.8	499.6	1.83	4.25	4.25	NO	
L0000850	0	0.59880E-02	482454.5	3733172.7	499.6	1.83	4.25	4.25	NO	
L0000851	0	0.59880E-02	482454.6	3733163.5	499.6	1.83	4.25	4.25	NO	
L0000852	0	0.59880E-02	482454.6	3733154.4	499.6	1.83	4.25	4.25	NO	
L0000853	0	0.59880E-02	482454.7	3733145.3	499.6	1.83	4.25	4.25	NO	
L0000854	0	0.59880E-02	482454.8	3733136.1	499.6	1.83	4.25	4.25	NO	
L0000855	0	0.59880E-02	482454.9	3733127.0	499.6	1.83	4.25	4.25	NO	
L0000856	0	0.59880E-02	482454.9	3733117.8	499.6	1.83	4.25	4.25	NO	
L0000857	0	0.59880E-02	482455.0	3733108.7	499.6	1.83	4.25	4.25	NO	
L0000858	0	0.59880E-02	482455.1	3733099.5	499.6	1.83	4.25	4.25	NO	
L0000859	0	0.59880E-02	482455.2	3733090.4	499.6	1.83	4.25	4.25	NO	
L0000860	0	0.59880E-02	482455.2	3733081.2	499.6	1.83	4.25	4.25	NO	
L0000861	0	0.59880E-02	482455.3	3733072.1	499.6	1.83	4.25	4.25	NO	
L0000862	0	0.59880E-02	482455.4	3733063.0	499.6	1.83	4.25	4.25	NO	
L0000863	0	0.59880E-02	482455.4	3733053.8	499.6	1.83	4.25	4.25	NO	
L0000864	0	0.59880E-02	482455.5	3733044.7	499.6	1.83	4.25	4.25	NO	
L0000865	0	0.59880E-02	482455.6	3733035.5	499.6	1.83	4.25	4.25	NO	
L0000866	0	0.59880E-02	482455.7	3733026.4	499.6	1.83	4.25	4.25	NO	
L0000867	0	0.59880E-02	482455.7	3733017.2	499.6	1.83	4.25	4.25	NO	
L0000868	0	0.59880E-02	482455.8	3733008.1	499.6	1.83	4.25	4.25	NO	
L0000869	0	0.59880E-02	482455.9	3732999.0	499.6	1.83	4.25	4.25	NO	
L0000870	0	0.59880E-02	482455.9	3732989.8	499.6	1.83	4.25	4.25	NO	
L0000871	0	0.59880E-02	482456.0	3732980.7	499.6	1.83	4.25	4.25	NO	
L0000872	0	0.59880E-02	482456.1	3732971.5	499.6	1.83	4.25	4.25	NO	

L0000873 0 0.59880E-02 482456.2 3732962.4 499.6 1.83 4.25 4.25 NO
L0000874 0 0.59880E-02 482456.2 3732953.2 499.6 1.83 4.25 4.25 NO
L0000875 0 0.59880E-02 482456.3 3732944.1 499.6 1.83 4.25 4.25 NO
L0000876 0 0.59880E-02 482456.4 3732934.9 499.6 1.83 4.25 4.25 NO
L0000877 0 0.59880E-02 482456.4 3732925.8 499.6 1.83 4.25 4.25 NO
L0000878 0 0.59880E-02 482456.5 3732916.7 499.6 1.83 4.25 4.25 NO

*** 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	EMISSION RATE SCALAR VARY BY
L0000879	0	0.59880E-02	482456.6	3732907.5	499.6	1.83	4.25	4.25	NO	
L0000880	0	0.59880E-02	482456.7	3732898.4	499.6	1.83	4.25	4.25	NO	
L0000881	0	0.59880E-02	482456.7	3732889.2	499.6	1.83	4.25	4.25	NO	
L0000882	0	0.59880E-02	482456.8	3732880.1	499.6	1.83	4.25	4.25	NO	
L0000883	0	0.59880E-02	482456.9	3732870.9	499.6	1.83	4.25	4.25	NO	
L0000884	0	0.59880E-02	482456.9	3732861.8	499.6	1.83	4.25	4.25	NO	
L0000885	0	0.59880E-02	482457.0	3732852.7	499.6	1.83	4.25	4.25	NO	
L0000886	0	0.59880E-02	482457.1	3732843.5	499.6	1.83	4.25	4.25	NO	
L0000887	0	0.59880E-02	482457.2	3732834.4	499.6	1.83	4.25	4.25	NO	
L0000888	0	0.59880E-02	482457.2	3732825.2	499.6	1.83	4.25	4.25	NO	
L0000889	0	0.59880E-02	482457.3	3732816.1	499.6	1.83	4.25	4.25	NO	
L0000890	0	0.59880E-02	482457.4	3732806.9	499.6	1.83	4.25	4.25	NO	
L0000891	0	0.59880E-02	482457.5	3732797.8	499.6	1.83	4.25	4.25	NO	
L0000892	0	0.59880E-02	482457.5	3732788.6	499.6	1.83	4.25	4.25	NO	
VOL9	0	0.10000E+01	482776.1	3733727.1	499.6	4.00	8.37	1.86	NO	
VOL10	0	0.10000E+01	482776.1	3733727.1	499.6	4.00	8.37	1.86	NO	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
SLINE1	L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 , L0000478 ,

L0000479 , L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 , L0000486 ,
L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 ,
L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 ,
L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 ,
L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 ,
L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 ,
L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 ,
L0000535 ,

SLINE2 L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 ,
L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 ,
L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 ,
L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , L0000590 , L0000591 ,
L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 , L0000598 , L0000599 ,

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 , L0000606 , L0000607 ,
L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 , L0000614 , L0000615 ,
L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 , L0000622 , L0000623 ,
L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 , L0000630 , L0000631 ,
L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 , L0000638 , L0000639 ,
L0000640 , L0000641 , L0000642 , L0000643 , L0000644 , L0000645 , L0000646 , L0000647 ,

L0000648 , L0000649 , L0000650 , L0000651 , L0000652 , L0000653 , L0000654 , L0000655 ,

L0000656 , L0000657 , L0000658 , L0000659 , L0000660 , L0000661 , L0000662 , L0000663 ,

L0000664 , L0000665 , L0000666 , L0000667 , L0000668 , L0000669 , L0000670 , L0000671 ,

L0000672 , L0000673 , L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,

L0000680 , L0000681 , L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,

L0000688 , L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 , L0000695 ,

L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 , L0000702 , L0000703 ,

L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 , L0000710 , L0000711 ,

L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 ,

L0000720 , L0000721 , L0000722 , L0000723 , L0000724 , L0000725 ,

SLINE3 L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 ,

L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 ,

L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , L0000749 ,

L0000750 , L0000751 , L0000752 , L0000753 , L0000754 , L0000755 , L0000756 , L0000757 ,

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000758 , L0000759 , L0000760 , L0000761 , L0000762 , L0000763 , L0000764 , L0000765 ,

L0000766 , L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 ,

L0000774 , L0000775 , L0000776 , L0000777 , L0000778 , L0000779 , L0000780 , L0000781 ,

L0000782 , L0000783 , L0000784 , L0000785 , L0000786 , L0000787 , L0000788 , L0000789 ,

L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 ,

L0000798 , L0000799 , L0000800 , L0000801 , L0000802 , L0000803 , L0000804 , L0000805 ,

L0000806 , L0000807 , L0000808 , L0000809 , L0000810 , L0000811 , L0000812 , L0000813 ,

L0000814 , L0000815 , L0000816 , L0000817 , L0000818 , L0000819 , L0000820 , L0000821 ,

L0000822 , L0000823 , L0000824 , L0000825 , L0000826 , L0000827 , L0000828 , L0000829 ,

L0000830 , L0000831 , L0000832 , L0000833 , L0000834 , L0000835 , L0000836 , L0000837 ,

L0000838 , L0000839 , L0000840 , L0000841 , L0000842 , L0000843 , L0000844 , L0000845 ,

L0000846 , L0000847 , L0000848 , L0000849 , L0000850 , L0000851 , L0000852 , L0000853 ,

L0000854 , L0000855 , L0000856 , L0000857 , L0000858 , L0000859 , L0000860 , L0000861 ,

L0000862 , L0000863 , L0000864 , L0000865 , L0000866 , L0000867 , L0000868 , L0000869 ,

L0000870 , L0000871 , L0000872 , L0000873 , L0000874 , L0000875 , L0000876 , L0000877 ,

L0000878 , L0000879 , L0000880 , L0000881 , L0000882 , L0000883 , L0000884 , L0000885 ,

L0000886 , L0000887 , L0000888 , L0000889 , L0000890 , L0000891 , L0000892 ,

STCK1 STCK1 ,

STCK2 STCK2 ,

STCK3 STCK3 ,

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

STCK4 STCK4 ,

STCK5 STCK5 ,

STCK6 STCK6 ,

VOL1 VOL1 ,

VOL10 VOL10 ,

VOL2 VOL2 ,

VOL3 VOL3 ,

VOL4 VOL4 ,

VOL5 VOL5 ,

VOL6 VOL6 ,

VOL7 VOL7 ,

VOL8 VOL8 ,

VOL9 VOL9 ,

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

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

(482443.2,	3733568.0,	499.6,	499.6,	0.0);	(482493.2,	3733568.0,	499.6,	499.6,	0.0);
(482543.2,	3733568.0,	499.6,	499.6,	0.0);	(482593.2,	3733568.0,	499.6,	499.6,	0.0);
(482643.2,	3733568.0,	499.6,	499.6,	0.0);	(482693.2,	3733568.0,	499.6,	499.6,	0.0);
(482743.2,	3733568.0,	499.6,	499.6,	0.0);	(482793.2,	3733568.0,	499.6,	499.6,	0.0);
(482843.2,	3733568.0,	499.6,	499.6,	0.0);	(482893.2,	3733568.0,	499.6,	499.6,	0.0);
(482943.2,	3733568.0,	499.6,	499.6,	0.0);	(482443.2,	3733618.0,	499.6,	499.6,	0.0);
(482493.2,	3733618.0,	499.6,	499.6,	0.0);	(482543.2,	3733618.0,	499.6,	499.6,	0.0);
(482593.2,	3733618.0,	499.6,	499.6,	0.0);	(482643.2,	3733618.0,	499.6,	499.6,	0.0);
(482693.2,	3733618.0,	499.6,	499.6,	0.0);	(482743.2,	3733618.0,	499.6,	499.6,	0.0);
(482793.2,	3733618.0,	499.6,	499.6,	0.0);	(482843.2,	3733618.0,	499.6,	499.6,	0.0);
(482893.2,	3733618.0,	499.6,	499.6,	0.0);	(482943.2,	3733618.0,	499.6,	499.6,	0.0);
(482443.2,	3733668.0,	499.6,	499.6,	0.0);	(482493.2,	3733668.0,	499.6,	499.6,	0.0);
(482543.2,	3733668.0,	499.6,	499.6,	0.0);	(482593.2,	3733668.0,	499.6,	499.6,	0.0);
(482643.2,	3733668.0,	499.6,	499.6,	0.0);	(482693.2,	3733668.0,	499.6,	499.6,	0.0);
(482743.2,	3733668.0,	499.6,	499.6,	0.0);	(482793.2,	3733668.0,	499.6,	499.6,	0.0);
(482843.2,	3733668.0,	499.6,	499.6,	0.0);	(482893.2,	3733668.0,	499.6,	499.6,	0.0);
(482943.2,	3733668.0,	499.6,	499.6,	0.0);	(482443.2,	3733718.0,	499.6,	499.6,	0.0);
(482493.2,	3733718.0,	499.6,	499.6,	0.0);	(482543.2,	3733718.0,	499.6,	499.6,	0.0);
(482593.2,	3733718.0,	499.6,	499.6,	0.0);	(482643.2,	3733718.0,	499.6,	499.6,	0.0);
(482693.2,	3733718.0,	499.6,	499.6,	0.0);	(482743.2,	3733718.0,	499.6,	499.6,	0.0);
(482793.2,	3733718.0,	499.6,	499.6,	0.0);	(482843.2,	3733718.0,	499.6,	499.6,	0.0);
(482893.2,	3733718.0,	499.6,	499.6,	0.0);	(482943.2,	3733718.0,	499.6,	499.6,	0.0);
(482443.2,	3733768.0,	499.6,	499.6,	0.0);	(482493.2,	3733768.0,	499.6,	499.6,	0.0);
(482543.2,	3733768.0,	499.6,	499.6,	0.0);	(482593.2,	3733768.0,	499.6,	499.6,	0.0);
(482643.2,	3733768.0,	499.6,	499.6,	0.0);	(482693.2,	3733768.0,	499.6,	499.6,	0.0);
(482743.2,	3733768.0,	499.6,	499.6,	0.0);	(482793.2,	3733768.0,	499.6,	499.6,	0.0);
(482843.2,	3733768.0,	499.6,	499.6,	0.0);	(482893.2,	3733768.0,	499.6,	499.6,	0.0);
(482943.2,	3733768.0,	499.6,	499.6,	0.0);	(482443.2,	3733818.0,	499.6,	499.6,	0.0);
(482493.2,	3733818.0,	499.6,	499.6,	0.0);	(482543.2,	3733818.0,	499.6,	499.6,	0.0);
(482593.2,	3733818.0,	499.6,	499.6,	0.0);	(482643.2,	3733818.0,	499.6,	499.6,	0.0);
(482693.2,	3733818.0,	499.6,	499.6,	0.0);	(482743.2,	3733818.0,	499.6,	499.6,	0.0);
(482793.2,	3733818.0,	499.6,	499.6,	0.0);	(482843.2,	3733818.0,	499.6,	499.6,	0.0);
(482893.2,	3733818.0,	499.6,	499.6,	0.0);	(482943.2,	3733818.0,	499.6,	499.6,	0.0);
(482443.2,	3733868.0,	499.6,	499.6,	0.0);	(482493.2,	3733868.0,	499.6,	499.6,	0.0);
(482543.2,	3733868.0,	499.6,	499.6,	0.0);	(482593.2,	3733868.0,	499.6,	499.6,	0.0);
(482643.2,	3733868.0,	499.6,	499.6,	0.0);	(482693.2,	3733868.0,	499.6,	499.6,	0.0);
(482743.2,	3733868.0,	499.6,	499.6,	0.0);	(482793.2,	3733868.0,	499.6,	499.6,	0.0);
(482843.2,	3733868.0,	499.6,	499.6,	0.0);	(482893.2,	3733868.0,	499.6,	499.6,	0.0);
(482943.2,	3733868.0,	499.6,	499.6,	0.0);	(482443.2,	3733918.0,	499.6,	499.6,	0.0);
(482493.2,	3733918.0,	499.6,	499.6,	0.0);	(482543.2,	3733918.0,	499.6,	499.6,	0.0);
(482593.2,	3733918.0,	499.6,	499.6,	0.0);	(482643.2,	3733918.0,	499.6,	499.6,	0.0);

(482693.2, 3733918.0, 499.6, 499.6, 0.0); (482743.2, 3733918.0, 499.6, 499.6, 0.0);
(482793.2, 3733918.0, 499.6, 499.6, 0.0); (482843.2, 3733918.0, 499.6, 499.6, 0.0);
(482893.2, 3733918.0, 499.6, 499.6, 0.0); (482943.2, 3733918.0, 499.6, 499.6, 0.0);
(482443.2, 3733968.0, 499.6, 499.6, 0.0); (482493.2, 3733968.0, 499.6, 499.6, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

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

(482543.2, 3733968.0, 499.6, 499.6, 0.0); (482593.2, 3733968.0, 499.6, 499.6, 0.0);
(482643.2, 3733968.0, 499.6, 499.6, 0.0); (482693.2, 3733968.0, 499.6, 499.6, 0.0);
(482743.2, 3733968.0, 499.6, 499.6, 0.0); (482793.2, 3733968.0, 499.6, 499.6, 0.0);
(482843.2, 3733968.0, 499.6, 499.6, 0.0); (482893.2, 3733968.0, 499.6, 499.6, 0.0);
(482943.2, 3733968.0, 499.6, 499.6, 0.0); (482443.2, 3734018.0, 499.6, 499.6, 0.0);
(482493.2, 3734018.0, 499.6, 499.6, 0.0); (482543.2, 3734018.0, 499.6, 499.6, 0.0);
(482593.2, 3734018.0, 499.6, 499.6, 0.0); (482643.2, 3734018.0, 499.6, 499.6, 0.0);
(482693.2, 3734018.0, 499.6, 499.6, 0.0); (482743.2, 3734018.0, 499.6, 499.6, 0.0);
(482793.2, 3734018.0, 499.6, 499.6, 0.0); (482843.2, 3734018.0, 499.6, 499.6, 0.0);
(482893.2, 3734018.0, 499.6, 499.6, 0.0); (482943.2, 3734018.0, 499.6, 499.6, 0.0);
(482443.2, 3734068.0, 499.6, 499.6, 0.0); (482543.2, 3734068.0, 499.6, 499.6, 0.0);
(482593.2, 3734068.0, 499.6, 499.6, 0.0); (482643.2, 3734068.0, 499.6, 499.6, 0.0);
(482693.2, 3734068.0, 499.6, 499.6, 0.0); (482743.2, 3734068.0, 499.6, 499.6, 0.0);
(482793.2, 3734068.0, 499.6, 499.6, 0.0); (482843.2, 3734068.0, 499.6, 499.6, 0.0);
(482893.2, 3734068.0, 499.6, 499.6, 0.0); (482943.2, 3734068.0, 499.6, 499.6, 0.0);
(482892.6, 3734119.1, 499.6, 499.6, 0.0); (482890.9, 3734165.7, 499.6, 499.6, 0.0);
(483293.8, 3733983.6, 499.6, 499.6, 0.0); (483293.8, 3733953.7, 499.6, 499.6, 0.0);
(483291.1, 3733924.7, 499.6, 499.6, 0.0); (483288.5, 3733895.6, 499.6, 499.6, 0.0);
(483290.3, 3733876.3, 499.6, 499.6, 0.0); (483292.9, 3733839.3, 499.6, 499.6, 0.0);
(483293.8, 3733801.5, 499.6, 499.6, 0.0); (483294.7, 3733761.9, 499.6, 499.6, 0.0);
(483293.8, 3733731.1, 499.6, 499.6, 0.0); (483292.9, 3733691.5, 499.6, 499.6, 0.0);
(483366.8, 3733657.2, 499.6, 499.6, 0.0); (482888.2, 3733310.6, 499.6, 499.6, 0.0);
(482936.6, 3733311.5, 499.6, 499.6, 0.0); (482701.7, 3732858.4, 499.6, 499.6, 0.0);
(482735.1, 3732855.7, 499.6, 499.6, 0.0); (482796.7, 3732857.5, 499.6, 499.6, 0.0);
(482876.8, 3732854.0, 499.6, 499.6, 0.0); (483291.6, 3734034.1, 499.6, 499.6, 0.0);
(483292.7, 3734144.7, 499.6, 499.6, 0.0); (483291.6, 3734180.4, 499.6, 499.6, 0.0);
(483292.7, 3734216.1, 499.6, 499.6, 0.0); (482984.2, 3733971.6, 499.6, 499.6, 0.0);
(483018.9, 3733972.7, 499.6, 499.6, 0.0); (482953.5, 3732830.9, 499.6, 499.6, 0.0);
(483022.7, 3732831.4, 499.6, 499.6, 0.0);

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

* 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)

- -

VOL3	482693.2	3733868.0	-1.01
VOL4	482693.2	3733818.0	-1.01
VOL6	482593.2	3733818.0	-1.01
VOL7	482593.2	3733868.0	-1.01
VOL8	482593.2	3733768.0	-1.01
L0000561	482843.2	3733668.0	0.28
L0000562	482843.2	3733668.0	-3.91
L0000567	482793.2	3733668.0	-3.06
L0000568	482793.2	3733668.0	-1.10
L0000572	482743.2	3733668.0	-0.02
L0000573	482743.2	3733668.0	-3.43
L0000578	482693.2	3733668.0	-3.04
L0000579	482693.2	3733668.0	-0.44
L0000583	482643.2	3733668.0	-0.28
L0000584	482643.2	3733668.0	-2.92
L0000589	482593.2	3733668.0	-2.94
L0000590	482593.2	3733668.0	0.21
L0000594	482543.2	3733668.0	-0.49
L0000595	482543.2	3733668.0	-2.39
L0000600	482493.2	3733668.0	-2.78
L0000601	482493.2	3733668.0	0.87
L0000752	482843.2	3733668.0	-3.16
L0000757	482793.2	3733668.0	-1.18
L0000758	482793.2	3733668.0	-1.86
L0000763	482743.2	3733668.0	-2.89
L0000768	482693.2	3733668.0	-1.29
L0000769	482693.2	3733668.0	-1.26
L0000774	482643.2	3733668.0	-2.57
L0000779	482593.2	3733668.0	-1.33
L0000780	482593.2	3733668.0	-0.65
L0000785	482543.2	3733668.0	-2.19
L0000790	482493.2	3733668.0	-1.32
L0000791	482493.2	3733668.0	-0.03
L0000796	482443.2	3733668.0	-1.60
L0000801	482443.2	3733618.0	-0.95
L0000802	482443.2	3733618.0	0.98
L0000807	482443.2	3733568.0	-0.69
STCK2	482693.2	3733818.0	0.00

*** 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 1

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 19191 *** *** C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris *** 01/25/23

*** AERMET - VERSION 16216 *** *** *** 15:52:08

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*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

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

Surface file: ..\Met Data\PERI_v9.SFC Met Version: 16216
Profile file: ..\Met Data\PERI_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 3171 Upper air station no.: 3190
Name: PERRIS_METEOROLOGICAL_STATION Name: UNKNOWN
Year: 2010 Year: 2010

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
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5
10	01	01	1	22	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	196.	9.1	283.1	5.5
10	01	01	1	23	-3.8	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	330.	9.1	281.4	5.5
10	01	01	1	24	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	332.	9.1	280.9	5.5

First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
10 01 01 01 5.5 0 -999. -99.00 282.6 99.0 -99.00 -99.00
10 01 01 01 9.1 1 335. 1.30 -999.0 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)
*** AERMOD - VERSION 19191 *** *** C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris *** 01/25/23
*** AERMET - VERSION 16216 *** *** *** 15:52:08

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	15.67182	482493.25	3733568.02	18.86775
482543.25	3733568.02	22.83349	482593.25	3733568.02	27.64894
482643.25	3733568.02	32.86438	482693.25	3733568.02	37.02154
482743.25	3733568.02	38.35812	482793.25	3733568.02	36.75830
482843.25	3733568.02	33.37630	482893.25	3733568.02	29.42752
482943.25	3733568.02	25.36016	482443.25	3733618.02	18.49729
482493.25	3733618.02	23.30166	482543.25	3733618.02	29.80293
482593.25	3733618.02	38.45511	482643.25	3733618.02	48.14585
482693.25	3733618.02	54.15973	482743.25	3733618.02	53.75052
482793.25	3733618.02	48.48962	482843.25	3733618.02	41.96865
482893.25	3733618.02	35.86831	482943.25	3733618.02	29.87784
482443.25	3733668.02	21.72336	482493.25	3733668.02	29.05367
482543.25	3733668.02	40.63335	482593.25	3733668.02	59.27990
482643.25	3733668.02	81.47783	482693.25	3733668.02	88.22613
482743.25	3733668.02	80.78610	482793.25	3733668.02	65.51921
482843.25	3733668.02	54.11270	482893.25	3733668.02	44.91203
482943.25	3733668.02	35.60609	482443.25	3733718.02	25.00639
482493.25	3733718.02	35.78348	482543.25	3733718.02	57.29074
482593.25	3733718.02	114.64860	482643.25	3733718.02	186.42205
482693.25	3733718.02	186.83227	482743.25	3733718.02	135.08468
482793.25	3733718.02	91.02441	482843.25	3733718.02	73.71099
482893.25	3733718.02	58.88646	482943.25	3733718.02	42.68452
482443.25	3733768.02	27.61049	482493.25	3733768.02	41.64118
482543.25	3733768.02	74.87458	482593.25	3733768.02	259.03515
482643.25	3733768.02	258.46792	482693.25	3733768.02	284.66769
482743.25	3733768.02	210.16603	482793.25	3733768.02	137.18700
482843.25	3733768.02	114.10730	482893.25	3733768.02	83.00408
482943.25	3733768.02	50.30881	482443.25	3733818.02	28.77293
482493.25	3733818.02	44.33291	482543.25	3733818.02	83.47984
482593.25	3733818.02	280.06581	482643.25	3733818.02	211.32567

482693.25	3733818.02	263.92066	482743.25	3733818.02	336.77363
482793.25	3733818.02	297.66534	482843.25	3733818.02	277.64241
482893.25	3733818.02	124.53386	482943.25	3733818.02	56.01158
482443.25	3733868.02	28.33678	482493.25	3733868.02	43.41302
482543.25	3733868.02	80.41127	482593.25	3733868.02	265.67613
482643.25	3733868.02	312.71573	482693.25	3733868.02	337.36461
482743.25	3733868.02	370.68380	482793.25	3733868.02	365.24529
482843.25	3733868.02	435.07866	482893.25	3733868.02	166.75839
482943.25	3733868.02	55.98707	482443.25	3733918.02	26.69068
482493.25	3733918.02	39.42006	482543.25	3733918.02	65.60075

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	123.64970	482643.25	3733918.02	160.25967
482693.25	3733918.02	174.54602	482743.25	3733918.02	180.67317
482793.25	3733918.02	179.08704	482843.25	3733918.02	177.35378
482893.25	3733918.02	100.42752	482943.25	3733918.02	48.62687
482443.25	3733968.02	24.45983	482493.25	3733968.02	34.39949
482543.25	3733968.02	50.96520	482593.25	3733968.02	72.32286
482643.25	3733968.02	87.41715	482693.25	3733968.02	95.81998
482743.25	3733968.02	98.12398	482793.25	3733968.02	95.98621
482843.25	3733968.02	84.83690	482893.25	3733968.02	59.58136
482943.25	3733968.02	38.68408	482443.25	3734018.02	22.16764
482493.25	3734018.02	29.69357	482543.25	3734018.02	40.04587
482593.25	3734018.02	50.61159	482643.25	3734018.02	58.54325
482693.25	3734018.02	63.28900	482743.25	3734018.02	64.19473
482793.25	3734018.02	61.51027	482843.25	3734018.02	53.25776
482893.25	3734018.02	41.22008	482943.25	3734018.02	30.62400
482443.25	3734068.02	19.98462	482543.25	3734068.02	32.24384
482593.25	3734068.02	38.33514	482643.25	3734068.02	42.90278
482693.25	3734068.02	45.53288	482743.25	3734068.02	45.66845
482793.25	3734068.02	43.19481	482843.25	3734068.02	37.70627
482893.25	3734068.02	30.89475	482943.25	3734068.02	24.68377
482892.62	3734119.10	24.22429	482890.86	3734165.72	20.03605
483293.79	3733983.61	6.93366	483293.79	3733953.70	7.03557
483291.15	3733924.67	7.18989	483288.52	3733895.63	7.34591
483290.28	3733876.28	7.36669	483292.91	3733839.33	7.40221
483293.79	3733801.50	7.43520	483294.67	3733761.91	7.41191
483293.79	3733731.11	7.39448	483292.91	3733691.52	7.33881
483366.82	3733657.21	5.89692	482888.22	3733310.58	12.53778

482936.60	3733311.46	12.20695	482701.70	3732858.38	3.95817
482735.14	3732855.74	4.02998	482796.72	3732857.50	4.19547
482876.78	3732853.98	4.33685	483291.61	3734034.07	6.77869
483292.66	3734144.74	6.14887	483291.61	3734180.41	5.93731
483292.66	3734216.08	5.69306	482984.24	3733971.65	27.86800
483018.86	3733972.70	22.16437	482953.55	3732830.91	4.27408
483022.71	3732831.43	4.32292			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***

INCLUDING SOURCE(S): L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	23.86704	482493.25	3733568.02	30.23300
482543.25	3733568.02	33.71537	482593.25	3733568.02	34.37271
482643.25	3733568.02	34.09459	482693.25	3733568.02	33.54521
482743.25	3733568.02	32.81646	482793.25	3733568.02	31.77207
482843.25	3733568.02	30.11421	482893.25	3733568.02	27.11566
482943.25	3733568.02	21.88632	482443.25	3733618.02	37.89988
482493.25	3733618.02	53.13139	482543.25	3733618.02	55.40608
482593.25	3733618.02	54.69122	482643.25	3733618.02	53.86670
482693.25	3733618.02	53.16821	482743.25	3733618.02	52.54009
482793.25	3733618.02	51.74060	482843.25	3733618.02	49.76666
482893.25	3733618.02	42.56230	482943.25	3733618.02	27.92648
482443.25	3733668.02	93.09445	482493.25	3733668.02	102.08207
482543.25	3733668.02	96.00482	482593.25	3733668.02	92.55334
482643.25	3733668.02	92.38504	482693.25	3733668.02	89.83788
482743.25	3733668.02	92.10467	482793.25	3733668.02	89.83930
482843.25	3733668.02	96.45863	482893.25	3733668.02	88.53957
482943.25	3733668.02	34.32408	482443.25	3733718.02	143.04651
482493.25	3733718.02	91.66917	482543.25	3733718.02	73.47973
482593.25	3733718.02	68.02252	482643.25	3733718.02	65.45434
482693.25	3733718.02	64.19948	482743.25	3733718.02	64.16834
482793.25	3733718.02	66.78230	482843.25	3733718.02	83.52748
482893.25	3733718.02	114.30484	482943.25	3733718.02	38.17838
482443.25	3733768.02	140.99407	482493.25	3733768.02	78.72423
482543.25	3733768.02	54.00989	482593.25	3733768.02	46.59508
482643.25	3733768.02	43.35299	482693.25	3733768.02	41.98590
482743.25	3733768.02	42.38610	482793.25	3733768.02	46.76632
482843.25	3733768.02	70.71446	482893.25	3733768.02	115.11451
482943.25	3733768.02	38.03187	482443.25	3733818.02	137.14852
482493.25	3733818.02	75.72553	482543.25	3733818.02	47.81747
482593.25	3733818.02	38.99635	482643.25	3733818.02	35.09581

482693.25	3733818.02	33.43545	482743.25	3733818.02	33.81320
482793.25	3733818.02	38.62969	482843.25	3733818.02	63.55744
482893.25	3733818.02	109.70452	482943.25	3733818.02	34.26979
482443.25	3733868.02	133.24682	482493.25	3733868.02	74.86226
482543.25	3733868.02	45.09336	482593.25	3733868.02	35.31209
482643.25	3733868.02	30.84793	482693.25	3733868.02	28.80112
482743.25	3733868.02	28.76458	482793.25	3733868.02	32.45263
482843.25	3733868.02	50.92659	482893.25	3733868.02	80.53018
482943.25	3733868.02	27.85558	482443.25	3733918.02	129.55237
482493.25	3733918.02	74.73159	482543.25	3733918.02	43.65202

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***

INCLUDING SOURCE(S): L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	33.19188	482643.25	3733918.02	28.25970
482693.25	3733918.02	25.80630	482743.25	3733918.02	25.15448
482793.25	3733918.02	26.91957	482843.25	3733918.02	33.29126
482893.25	3733918.02	32.02546	482943.25	3733918.02	21.22529
482443.25	3733968.02	126.03292	482493.25	3733968.02	74.92900
482543.25	3733968.02	42.79016	482593.25	3733968.02	31.82653
482643.25	3733968.02	26.51880	482693.25	3733968.02	23.70108
482743.25	3733968.02	22.47401	482793.25	3733968.02	22.66843
482843.25	3733968.02	23.33688	482893.25	3733968.02	20.65752
482943.25	3733968.02	16.61267	482443.25	3734018.02	122.71844
482493.25	3734018.02	75.30298	482543.25	3734018.02	42.23049
482593.25	3734018.02	30.87483	482643.25	3734018.02	25.26771
482693.25	3734018.02	22.14000	482743.25	3734018.02	20.42190
482793.25	3734018.02	19.53886	482843.25	3734018.02	18.45769
482893.25	3734018.02	16.20113	482943.25	3734018.02	13.79146
482443.25	3734068.02	119.56772	482543.25	3734068.02	41.84133
482593.25	3734068.02	30.16303	482643.25	3734068.02	24.30870
482693.25	3734068.02	20.91186	482743.25	3734068.02	18.79916
482793.25	3734068.02	17.30528	482843.25	3734068.02	15.71540
482893.25	3734068.02	13.78816	482943.25	3734068.02	11.98715
482892.62	3734119.10	12.24311	482890.86	3734165.72	11.27628
483293.79	3733983.61	4.79089	483293.79	3733953.70	4.85957
483291.15	3733924.67	4.95267	483288.52	3733895.63	5.04119
483290.28	3733876.28	5.05009	483292.91	3733839.33	5.06480
483293.79	3733801.50	5.08947	483294.67	3733761.91	5.10258
483293.79	3733731.11	5.12637	483292.91	3733691.52	5.14116
483366.82	3733657.21	4.25418	482888.22	3733310.58	9.67397

482936.60	3733311.46	9.19868	482701.70	3732858.38	3.61058
482735.14	3732855.74	3.65405	482796.72	3732857.50	3.75533
482876.78	3732853.98	3.79517	483291.61	3734034.07	4.68558
483292.66	3734144.74	4.36681	483291.61	3734180.41	4.27771
483292.66	3734216.08	4.17225	482984.24	3733971.65	13.54316
483018.86	3733972.70	11.59574	482953.55	3732830.91	3.65436
483022.71	3732831.43	3.60570			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***

INCLUDING SOURCE(S): L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	147.79612	482493.25	3733568.02	80.46269
482543.25	3733568.02	52.86170	482593.25	3733568.02	44.83884
482643.25	3733568.02	41.22263	482693.25	3733568.02	39.07885
482743.25	3733568.02	37.47005	482793.25	3733568.02	35.87293
482843.25	3733568.02	33.79937	482893.25	3733568.02	30.38757
482943.25	3733568.02	24.51290	482443.25	3733618.02	125.84562
482493.25	3733618.02	88.92053	482543.25	3733618.02	68.77915
482593.25	3733618.02	63.30577	482643.25	3733618.02	60.81535
482693.25	3733618.02	59.37993	482743.25	3733618.02	58.38533
482793.25	3733618.02	57.38129	482843.25	3733618.02	55.22943
482893.25	3733618.02	47.67188	482943.25	3733618.02	31.28486
482443.25	3733668.02	139.57389	482493.25	3733668.02	111.77499
482543.25	3733668.02	129.63754	482593.25	3733668.02	100.97940
482643.25	3733668.02	126.10560	482693.25	3733668.02	99.11859
482743.25	3733668.02	126.22537	482793.25	3733668.02	100.12530
482843.25	3733668.02	131.23322	482893.25	3733668.02	105.56397
482943.25	3733668.02	38.56060	482443.25	3733718.02	62.87634
482493.25	3733718.02	72.46045	482543.25	3733718.02	71.92233
482593.25	3733718.02	70.86159	482643.25	3733718.02	70.12723
482693.25	3733718.02	69.88811	482743.25	3733718.02	70.58207
482793.25	3733718.02	73.94288	482843.25	3733718.02	91.98012
482893.25	3733718.02	136.83332	482943.25	3733718.02	42.69009
482443.25	3733768.02	36.91676	482493.25	3733768.02	40.81781
482543.25	3733768.02	41.94065	482593.25	3733768.02	42.02724
482643.25	3733768.02	42.05625	482693.25	3733768.02	42.50188
482743.25	3733768.02	44.16794	482793.25	3733768.02	49.84774
482843.25	3733768.02	76.61675	482893.25	3733768.02	133.87184
482943.25	3733768.02	41.95643	482443.25	3733818.02	26.30131
482493.25	3733818.02	28.39508	482543.25	3733818.02	29.55679
482593.25	3733818.02	30.05804	482643.25	3733818.02	30.44231

482693.25	3733818.02	31.21175	482743.25	3733818.02	33.27972
482793.25	3733818.02	39.80482	482843.25	3733818.02	68.62092
482893.25	3733818.02	123.97828	482943.25	3733818.02	37.07250
482443.25	3733868.02	20.42081	482493.25	3733868.02	21.72952
482543.25	3733868.02	22.67878	482593.25	3733868.02	23.28632
482643.25	3733868.02	23.80291	482693.25	3733868.02	24.63517
482743.25	3733868.02	26.58268	482793.25	3733868.02	32.13978
482843.25	3733868.02	54.45682	482893.25	3733868.02	88.35401
482943.25	3733868.02	29.29264	482443.25	3733918.02	16.63915
482493.25	3733918.02	17.53387	482543.25	3733918.02	18.27575

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***

INCLUDING SOURCE(S): L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	18.85243	482643.25	3733918.02	19.37865
482693.25	3733918.02	20.13199	482743.25	3733918.02	21.65672
482793.25	3733918.02	25.24565	482843.25	3733918.02	33.83156
482893.25	3733918.02	33.23183	482943.25	3733918.02	21.38555
482443.25	3733968.02	13.98268	482493.25	3733968.02	14.62918
482543.25	3733968.02	15.20600	482593.25	3733968.02	15.70675
482643.25	3733968.02	16.18733	482693.25	3733968.02	16.81966
482743.25	3733968.02	17.91010	482793.25	3733968.02	19.86934
482843.25	3733968.02	21.93014	482893.25	3733968.02	19.78496
482943.25	3733968.02	15.83401	482443.25	3734018.02	12.00690
482493.25	3734018.02	12.49180	482543.25	3734018.02	12.94389
482593.25	3734018.02	13.36453	482643.25	3734018.02	13.78074
482693.25	3734018.02	14.28401	482743.25	3734018.02	14.99073
482793.25	3734018.02	15.84557	482843.25	3734018.02	15.96741
482893.25	3734018.02	14.38205	482943.25	3734018.02	12.37694
482443.25	3734068.02	10.47774	482543.25	3734068.02	11.20974
482593.25	3734068.02	11.55706	482643.25	3734068.02	11.90076
482693.25	3734068.02	12.26878	482743.25	3734068.02	12.66344
482793.25	3734068.02	12.92303	482843.25	3734068.02	12.53292
482893.25	3734068.02	11.38534	482943.25	3734068.02	10.12637
482892.62	3734119.10	9.42004	482890.86	3734165.72	8.15303
483293.79	3733983.61	4.40330	483293.79	3733953.70	4.51928
483291.15	3733924.67	4.65666	483288.52	3733895.63	4.79043
483290.28	3733876.28	4.83133	483292.91	3733839.33	4.90540
483293.79	3733801.50	4.98933	483294.67	3733761.91	5.06433
483293.79	3733731.11	5.13710	483292.91	3733691.52	5.21530
483366.82	3733657.21	4.33542	482888.22	3733310.58	12.71641

482936.60	3733311.46	11.64100	482701.70	3732858.38	12.72854
482735.14	3732855.74	11.30386	482796.72	3732857.50	9.46161
482876.78	3732853.98	7.78935	483291.61	3734034.07	4.21696
483292.66	3734144.74	3.74553	483291.61	3734180.41	3.61169
483292.66	3734216.08	3.46953	482984.24	3733971.65	12.75574
483018.86	3733972.70	10.84287	482953.55	3732830.91	6.54148
483022.71	3732831.43	5.80679			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	4.13537	482493.25	3733568.02	4.43100
482543.25	3733568.02	4.70959	482593.25	3733568.02	5.12525
482643.25	3733568.02	5.85348	482693.25	3733568.02	7.18698
482743.25	3733568.02	9.24711	482793.25	3733568.02	11.66391
482843.25	3733568.02	13.55637	482893.25	3733568.02	13.99403
482943.25	3733568.02	12.91522	482443.25	3733618.02	4.21384
482493.25	3733618.02	4.43215	482543.25	3733618.02	4.69718
482593.25	3733618.02	5.08815	482643.25	3733618.02	5.84546
482693.25	3733618.02	7.42799	482743.25	3733618.02	10.21790
482793.25	3733618.02	13.57992	482843.25	3733618.02	15.64897
482893.25	3733618.02	15.10125	482943.25	3733618.02	12.83366
482443.25	3733668.02	4.18156	482493.25	3733668.02	4.38440
482543.25	3733668.02	4.66749	482593.25	3733668.02	5.13291
482643.25	3733668.02	5.97815	482693.25	3733668.02	7.85555
482743.25	3733668.02	11.81256	482793.25	3733668.02	16.80211
482843.25	3733668.02	18.44777	482893.25	3733668.02	15.60850
482943.25	3733668.02	11.75388	482443.25	3733718.02	4.12307
482493.25	3733718.02	4.28450	482543.25	3733718.02	4.63479
482593.25	3733718.02	5.29871	482643.25	3733718.02	6.39680
482693.25	3733718.02	8.68927	482743.25	3733718.02	14.72403
482793.25	3733718.02	22.62203	482843.25	3733718.02	21.26881
482893.25	3733718.02	14.51131	482943.25	3733718.02	9.64605
482443.25	3733768.02	4.07738	482493.25	3733768.02	4.18278
482543.25	3733768.02	4.54515	482593.25	3733768.02	5.42573
482643.25	3733768.02	7.34623	482693.25	3733768.02	11.08819
482743.25	3733768.02	21.37473	482793.25	3733768.02	35.01737
482843.25	3733768.02	21.81266	482893.25	3733768.02	11.11598
482943.25	3733768.02	7.09563	482443.25	3733818.02	4.09148
482493.25	3733818.02	4.14331	482543.25	3733818.02	4.43941
482593.25	3733818.02	5.33876	482643.25	3733818.02	8.19074
482693.25	3733818.02	16.23213	482743.25	3733818.02	34.50522
482793.25	3733818.02	50.16774	482843.25	3733818.02	15.49766
482893.25	3733818.02	7.35191	482943.25	3733818.02	5.16648

482443.25	3733868.02	4.18581	482493.25	3733868.02	4.20264
482543.25	3733868.02	4.41789	482593.25	3733868.02	5.15742
482643.25	3733868.02	7.79955	482693.25	3733868.02	16.74437
482743.25	3733868.02	7.79003	482793.25	3733868.02	22.60988
482843.25	3733868.02	10.10696	482893.25	3733868.02	5.68917
482943.25	3733868.02	4.35197	482443.25	3733918.02	4.38409
482493.25	3733918.02	4.40446	482543.25	3733918.02	4.59099

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	5.18460	482643.25	3733918.02	7.22013
482693.25	3733918.02	13.49985	482743.25	3733918.02	28.51770
482793.25	3733918.02	18.90081	482843.25	3733918.02	8.95441
482893.25	3733918.02	5.36640	482943.25	3733918.02	4.21732
482443.25	3733968.02	4.69350	482493.25	3733968.02	4.78739
482543.25	3733968.02	5.06764	482593.25	3733968.02	5.78432
482643.25	3733968.02	7.72651	482693.25	3733968.02	12.91541
482743.25	3733968.02	17.39466	482793.25	3733968.02	12.30689
482843.25	3733968.02	8.06199	482893.25	3733968.02	5.56000
482943.25	3733968.02	4.55458	482443.25	3734018.02	5.18435
482493.25	3734018.02	5.49184	482543.25	3734018.02	6.08464
482593.25	3734018.02	7.32600	482643.25	3734018.02	9.65353
482693.25	3734018.02	13.25194	482743.25	3734018.02	13.42776
482793.25	3734018.02	9.99226	482843.25	3734018.02	7.77195
482893.25	3734018.02	6.12802	482943.25	3734018.02	5.12317
482443.25	3734068.02	5.86739	482543.25	3734068.02	7.56080
482593.25	3734068.02	9.20347	482643.25	3734068.02	11.60610
482693.25	3734068.02	13.72076	482743.25	3734068.02	12.49769
482793.25	3734068.02	9.81985	482843.25	3734068.02	8.18802
482893.25	3734068.02	6.88063	482943.25	3734068.02	5.86358
482892.62	3734119.10	7.68320	482890.86	3734165.72	8.35810
483293.79	3733983.61	3.21206	483293.79	3733953.70	3.19971
483291.15	3733924.67	3.22056	483288.52	3733895.63	3.26283
483290.28	3733876.28	3.28571	483292.91	3733839.33	3.34576
483293.79	3733801.50	3.42250	483294.67	3733761.91	3.50518
483293.79	3733731.11	3.58401	483292.91	3733691.52	3.70290
483366.82	3733657.21	3.34021	482888.22	3733310.58	7.80256
482936.60	3733311.46	8.17183	482701.70	3732858.38	2.95700
482735.14	3732855.74	3.06256	482796.72	3732857.50	3.27942
482876.78	3732853.98	3.52766	483291.61	3734034.07	3.27871
483292.66	3734144.74	3.40422	483291.61	3734180.41	3.43797
483292.66	3734216.08	3.45494	482984.24	3733971.65	4.23472
483018.86	3733972.70	4.10830	482953.55	3732830.91	3.64209

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	4.48332	482493.25	3733568.02	4.76170
482543.25	3733568.02	5.20194	482593.25	3733568.02	6.08299
482643.25	3733568.02	7.89657	482693.25	3733568.02	10.89357
482743.25	3733568.02	14.15677	482793.25	3733568.02	15.73189
482843.25	3733568.02	14.71563	482893.25	3733568.02	12.31613
482943.25	3733568.02	9.92973	482443.25	3733618.02	4.43276
482493.25	3733618.02	4.74476	482543.25	3733618.02	5.26184
482593.25	3733618.02	6.24189	482643.25	3733618.02	8.46691
482693.25	3733618.02	12.84180	482743.25	3733618.02	17.51758
482793.25	3733618.02	18.11928	482843.25	3733618.02	14.79745
482893.25	3733618.02	11.09035	482943.25	3733618.02	8.54750
482443.25	3733668.02	4.33739	482493.25	3733668.02	4.74133
482543.25	3733668.02	5.47996	482593.25	3733668.02	6.71031
482643.25	3733668.02	9.49815	482693.25	3733668.02	16.48273
482743.25	3733668.02	23.21851	482793.25	3733668.02	19.95005
482843.25	3733668.02	13.30547	482893.25	3733668.02	9.00593
482943.25	3733668.02	6.87791	482443.25	3733718.02	4.22960
482493.25	3733718.02	4.67534	482543.25	3733718.02	5.70812
482593.25	3733718.02	7.91630	482643.25	3733718.02	12.23621
482693.25	3733718.02	25.15491	482743.25	3733718.02	33.72820
482793.25	3733718.02	18.87750	482843.25	3733718.02	9.96360
482893.25	3733718.02	6.66970	482943.25	3733718.02	5.37846
482443.25	3733768.02	4.17609	482493.25	3733768.02	4.55343
482543.25	3733768.02	5.69453	482593.25	3733768.02	9.25565
482643.25	3733768.02	18.81360	482693.25	3733768.02	45.27319
482743.25	3733768.02	39.54798	482793.25	3733768.02	12.86015
482843.25	3733768.02	6.68197	482893.25	3733768.02	4.97325
482943.25	3733768.02	4.41208	482443.25	3733818.02	4.22299
482493.25	3733818.02	4.50074	482543.25	3733818.02	5.47214
482593.25	3733818.02	8.84986	482643.25	3733818.02	19.94831
482693.25	3733818.02	0.00000	482743.25	3733818.02	19.90836
482793.25	3733818.02	8.74098	482843.25	3733818.02	5.27378
482893.25	3733818.02	4.23769	482943.25	3733818.02	3.94190
482443.25	3733868.02	4.42100	482493.25	3733868.02	4.66039
482543.25	3733868.02	5.42938	482593.25	3733868.02	8.00431
482643.25	3733868.02	16.00495	482693.25	3733868.02	28.44945
482743.25	3733868.02	16.26086	482793.25	3733868.02	7.88510
482843.25	3733868.02	5.00866	482893.25	3733868.02	4.11126
482943.25	3733868.02	3.84440	482443.25	3733918.02	4.81836

482493.25	3733918.02	5.16324	482543.25	3733918.02	6.02406

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	8.42190	482643.25	3733918.02	14.46333
482693.25	3733918.02	16.68160	482743.25	3733918.02	11.38328
482793.25	3733918.02	7.38568	482843.25	3733918.02	5.26271
482893.25	3733918.02	4.43641	482943.25	3733918.02	4.11532
482443.25	3733968.02	5.57230	482493.25	3733968.02	6.25830
482543.25	3733968.02	7.68337	482593.25	3733968.02	10.30044
482643.25	3733968.02	13.83237	482693.25	3733968.02	12.73964
482743.25	3733968.02	9.46873	482793.25	3733968.02	7.38514
482843.25	3733968.02	5.86653	482893.25	3733968.02	4.98347
482943.25	3733968.02	4.56941	482443.25	3734018.02	6.70336
482493.25	3734018.02	7.82446	482543.25	3734018.02	9.61904
482593.25	3734018.02	12.14010	482643.25	3734018.02	13.80032
482693.25	3734018.02	11.90637	482743.25	3734018.02	9.41534
482793.25	3734018.02	7.90216	482843.25	3734018.02	6.63546
482893.25	3734018.02	5.69744	482943.25	3734018.02	5.13465
482443.25	3734068.02	7.96944	482543.25	3734068.02	11.22222
482593.25	3734068.02	13.12284	482643.25	3734068.02	13.63687
482693.25	3734068.02	11.84904	482743.25	3734068.02	9.84009
482793.25	3734068.02	8.52957	482843.25	3734068.02	7.43073
482893.25	3734068.02	6.48090	482943.25	3734068.02	5.75912
482892.62	3734119.10	7.19064	482890.86	3734165.72	7.59680
483293.79	3733983.61	2.98775	483293.79	3733953.70	2.96259
483291.15	3733924.67	2.95968	483288.52	3733895.63	2.97123
483290.28	3733876.28	2.97418	483292.91	3733839.33	3.00160
483293.79	3733801.50	3.05477	483294.67	3733761.91	3.11820
483293.79	3733731.11	3.17456	483292.91	3733691.52	3.24612
483366.82	3733657.21	2.95535	482888.22	3733310.58	9.07967
482936.60	3733311.46	8.99179	482701.70	3732858.38	3.37021
482735.14	3732855.74	3.48664	482796.72	3732857.50	3.72650
482876.78	3732853.98	3.98761	483291.61	3734034.07	3.04918
483292.66	3734144.74	3.12231	483291.61	3734180.41	3.14067
483292.66	3734216.08	3.14548	482984.24	3733971.65	4.43942
483018.86	3733972.70	4.33989	482953.55	3732830.91	4.06802
483022.71	3732831.43	4.19336			

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK3 ***

INCLUDING SOURCE(S): STCK3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	5.19193	482493.25	3733568.02	6.06119
482543.25	3733568.02	7.85085	482593.25	3733568.02	10.82033
482643.25	3733568.02	14.08262	482693.25	3733568.02	15.70420
482743.25	3733568.02	14.74298	482793.25	3733568.02	12.36702
482843.25	3733568.02	9.97805	482893.25	3733568.02	8.10451
482943.25	3733568.02	6.73649	482443.25	3733618.02	5.24901
482493.25	3733618.02	6.21501	482543.25	3733618.02	8.40494
482593.25	3733618.02	12.72814	482643.25	3733618.02	17.41775
482693.25	3733618.02	18.12504	482743.25	3733618.02	14.87093
482793.25	3733618.02	11.16260	482843.25	3733618.02	8.59801
482893.25	3733618.02	7.02084	482943.25	3733618.02	5.99569
482443.25	3733668.02	5.46139	482493.25	3733668.02	6.67389
482543.25	3733668.02	9.40623	482593.25	3733668.02	16.27416
482643.25	3733668.02	23.09974	482693.25	3733668.02	20.05276
482743.25	3733668.02	13.42975	482793.25	3733668.02	9.08229
482843.25	3733668.02	6.92037	482893.25	3733668.02	5.85679
482943.25	3733668.02	5.22369	482443.25	3733718.02	5.68134
482493.25	3733718.02	7.84891	482543.25	3733718.02	12.08497
482593.25	3733718.02	24.68771	482643.25	3733718.02	33.74592
482693.25	3733718.02	19.14585	482743.25	3733718.02	10.09287
482793.25	3733718.02	6.72688	482843.25	3733718.02	5.40553
482893.25	3733718.02	4.87448	482943.25	3733718.02	4.60798
482443.25	3733768.02	5.66358	482493.25	3733768.02	9.15304
482543.25	3733768.02	18.49832	482593.25	3733768.02	44.03235
482643.25	3733768.02	40.49208	482693.25	3733768.02	13.13002
482743.25	3733768.02	6.75931	482793.25	3733768.02	5.00109
482843.25	3733768.02	4.42451	482893.25	3733768.02	4.24924
482943.25	3733768.02	4.19823	482443.25	3733818.02	5.44479
482493.25	3733818.02	8.76200	482543.25	3733818.02	19.73167
482593.25	3733818.02	0.06636	482643.25	3733818.02	20.21992
482693.25	3733818.02	8.85827	482743.25	3733818.02	5.31213
482793.25	3733818.02	4.25073	482843.25	3733818.02	3.94732
482893.25	3733818.02	3.90286	482943.25	3733818.02	3.93557
482443.25	3733868.02	5.40497	482493.25	3733868.02	7.93844
482543.25	3733868.02	15.80760	482593.25	3733868.02	28.69193
482643.25	3733868.02	16.53986	482693.25	3733868.02	7.97291
482743.25	3733868.02	5.03481	482793.25	3733868.02	4.11754
482843.25	3733868.02	3.84521	482893.25	3733868.02	3.81146
482943.25	3733868.02	3.84604	482443.25	3733918.02	5.98900
482493.25	3733918.02	8.34277	482543.25	3733918.02	14.33924

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK3 ***

INCLUDING SOURCE(S): STCK3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	16.83487	482643.25	3733918.02	11.49599
482693.25	3733918.02	7.44240	482743.25	3733918.02	5.28033
482793.25	3733918.02	4.44034	482843.25	3733918.02	4.11421
482893.25	3733918.02	4.01576	482943.25	3733918.02	3.97423
482443.25	3733968.02	7.62993	482493.25	3733968.02	10.21989
482543.25	3733968.02	13.79426	482593.25	3733968.02	12.82300
482643.25	3733968.02	9.51863	482693.25	3733968.02	7.41336
482743.25	3733968.02	5.87903	482793.25	3733968.02	4.98700
482843.25	3733968.02	4.56855	482893.25	3733968.02	4.38125
482943.25	3733968.02	4.23193	482443.25	3734018.02	9.56245
482493.25	3734018.02	12.08096	482543.25	3734018.02	13.79979
482593.25	3734018.02	11.95789	482643.25	3734018.02	9.44260
482693.25	3734018.02	7.91908	482743.25	3734018.02	6.64626
482793.25	3734018.02	5.70187	482843.25	3734018.02	5.13521
482893.25	3734018.02	4.79461	482943.25	3734018.02	4.51478
482443.25	3734068.02	11.17425	482543.25	3734068.02	13.65127
482593.25	3734068.02	11.88803	482643.25	3734068.02	9.86229
482693.25	3734068.02	8.54238	482743.25	3734068.02	7.44040
482793.25	3734068.02	6.48695	482843.25	3734068.02	5.76345
482893.25	3734068.02	5.20908	482943.25	3734068.02	4.74107
482892.62	3734119.10	5.57427	482890.86	3734165.72	5.81316
483293.79	3733983.61	2.59723	483293.79	3733953.70	2.58476
483291.15	3733924.67	2.59058	483288.52	3733895.63	2.60673
483290.28	3733876.28	2.61160	483292.91	3733839.33	2.63474
483293.79	3733801.50	2.67502	483294.67	3733761.91	2.72133
483293.79	3733731.11	2.76216	483292.91	3733691.52	2.81090
483366.82	3733657.21	2.56922	482888.22	3733310.58	8.52391
482936.60	3733311.46	7.88045	482701.70	3732858.38	3.74357
482735.14	3732855.74	3.84997	482796.72	3732857.50	4.06610
482876.78	3732853.98	4.25217	483291.61	3734034.07	2.63825
483292.66	3734144.74	2.69284	483291.61	3734180.41	2.70450
483292.66	3734216.08	2.70408	482984.24	3733971.65	4.08691
483018.86	3733972.70	3.88165	482953.55	3732830.91	4.21352
483022.71	3732831.43	4.20880			

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK4 ***

INCLUDING SOURCE(S): STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	4.36004	482493.25	3733568.02	4.74448
482543.25	3733568.02	5.42450	482593.25	3733568.02	6.56799
482643.25	3733568.02	9.19279	482693.25	3733568.02	15.44988
482743.25	3733568.02	21.69692	482793.25	3733568.02	19.71228
482843.25	3733568.02	13.78698	482893.25	3733568.02	9.49030
482943.25	3733568.02	7.22747	482443.25	3733618.02	4.24976
482493.25	3733618.02	4.69655	482543.25	3733618.02	5.67222
482593.25	3733618.02	7.59735	482643.25	3733618.02	11.44081
482693.25	3733618.02	22.70842	482743.25	3733618.02	31.14866
482793.25	3733618.02	19.51512	482843.25	3733618.02	10.74219
482893.25	3733618.02	7.13435	482943.25	3733618.02	5.65636
482443.25	3733668.02	4.18065	482493.25	3733668.02	4.57808
482543.25	3733668.02	5.72326	482593.25	3733668.02	9.08618
482643.25	3733668.02	17.07380	482693.25	3733668.02	40.66398
482743.25	3733668.02	40.64555	482793.25	3733668.02	14.33518
482843.25	3733668.02	7.23798	482893.25	3733668.02	5.24030
482943.25	3733668.02	4.56457	482443.25	3733718.02	4.20149
482493.25	3733718.02	4.49718	482543.25	3733718.02	5.51551
482593.25	3733718.02	9.03949	482643.25	3733718.02	20.98080
482693.25	3733718.02	8.23335	482743.25	3733718.02	21.61557
482793.25	3733718.02	9.12201	482843.25	3733718.02	5.43442
482893.25	3733718.02	4.33458	482943.25	3733718.02	4.01080
482443.25	3733768.02	4.36690	482493.25	3733768.02	4.60701
482543.25	3733768.02	5.41119	482593.25	3733768.02	8.13753
482643.25	3733768.02	16.74056	482693.25	3733768.02	30.22013
482743.25	3733768.02	17.38568	482793.25	3733768.02	8.02495
482843.25	3733768.02	5.00889	482893.25	3733768.02	4.09160
482943.25	3733768.02	3.83021	482443.25	3733818.02	4.71066
482493.25	3733818.02	5.01497	482543.25	3733818.02	5.80848
482593.25	3733818.02	8.16975	482643.25	3733818.02	14.59542
482693.25	3733818.02	18.29559	482743.25	3733818.02	12.13408
482793.25	3733818.02	7.45891	482843.25	3733818.02	5.17848
482893.25	3733818.02	4.34589	482943.25	3733818.02	4.03791
482443.25	3733868.02	5.38076	482493.25	3733868.02	5.97871
482543.25	3733868.02	7.27713	482593.25	3733868.02	9.86219
482643.25	3733868.02	13.90858	482693.25	3733868.02	13.21305
482743.25	3733868.02	9.66476	482793.25	3733868.02	7.33408
482843.25	3733868.02	5.71795	482893.25	3733868.02	4.85368
482943.25	3733868.02	4.46480	482443.25	3733918.02	6.44317
482493.25	3733918.02	7.47997	482543.25	3733918.02	9.22923

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK4 ***

INCLUDING SOURCE(S): STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	11.84346	482643.25	3733918.02	13.78356
482693.25	3733918.02	11.94762	482743.25	3733918.02	9.34317
482793.25	3733918.02	7.77735	482843.25	3733918.02	6.46896
482893.25	3733918.02	5.53835	482943.25	3733918.02	5.00850
482443.25	3733968.02	7.71568	482493.25	3733968.02	9.09686
482543.25	3733968.02	10.92945	482593.25	3733968.02	12.96579
482643.25	3733968.02	13.67052	482693.25	3733968.02	11.84775
482743.25	3733968.02	9.74469	482793.25	3733968.02	8.39470
482843.25	3733968.02	7.26877	482893.25	3733968.02	6.31798
482943.25	3733968.02	5.63047	482443.25	3734018.02	8.79632
482493.25	3734018.02	10.39415	482543.25	3734018.02	12.11380
482593.25	3734018.02	13.52232	482643.25	3734018.02	13.52441
482693.25	3734018.02	11.91091	482743.25	3734018.02	10.20231
482793.25	3734018.02	9.01342	482843.25	3734018.02	8.00016
482893.25	3734018.02	7.04736	482943.25	3734018.02	6.18886
482443.25	3734068.02	9.51324	482543.25	3734068.02	12.60200
482593.25	3734068.02	13.61260	482643.25	3734068.02	13.33492
482693.25	3734068.02	11.97306	482743.25	3734068.02	10.55562
482793.25	3734068.02	9.47138	482843.25	3734068.02	8.47983
482893.25	3734068.02	7.50235	482943.25	3734068.02	6.57438
482892.62	3734119.10	7.66367	482890.86	3734165.72	7.62217
483293.79	3733983.61	3.07443	483293.79	3733953.70	3.04815
483291.15	3733924.67	3.03081	483288.52	3733895.63	3.01235
483290.28	3733876.28	2.98673	483292.91	3733839.33	2.95368
483293.79	3733801.50	2.95202	483294.67	3733761.91	2.97981
483293.79	3733731.11	3.02445	483292.91	3733691.52	3.09291
483366.82	3733657.21	2.84225	482888.22	3733310.58	10.87152
482936.60	3733311.46	10.30094	482701.70	3732858.38	3.79920
482735.14	3732855.74	3.94686	482796.72	3732857.50	4.24890
482876.78	3732853.98	4.57029	483291.61	3734034.07	3.11751
483292.66	3734144.74	3.14979	483291.61	3734180.41	3.16261
483292.66	3734216.08	3.16323	482984.24	3733971.65	5.23285
483018.86	3733972.70	4.93559	482953.55	3732830.91	4.64817
483022.71	3732831.43	4.76049			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK5 ***

INCLUDING SOURCE(S): STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	13.99577	482493.25	3733568.02	17.24688
482543.25	3733568.02	21.73891	482593.25	3733568.02	28.05585

482643.25	3733568.02	36.96336	482693.25	3733568.02	49.24611
482743.25	3733568.02	65.66351	482793.25	3733568.02	85.76949
482843.25	3733568.02	96.75626	482893.25	3733568.02	82.33570
482943.25	3733568.02	57.75822	482443.25	3733618.02	15.10531
482493.25	3733618.02	19.00743	482543.25	3733618.02	24.71152
482593.25	3733618.02	33.45613	482643.25	3733618.02	47.51837
482693.25	3733618.02	70.73072	482743.25	3733618.02	107.81334
482793.25	3733618.02	160.94806	482843.25	3733618.02	175.48264
482893.25	3733618.02	114.63866	482943.25	3733618.02	66.52590
482443.25	3733668.02	15.95469	482493.25	3733668.02	20.40996
482543.25	3733668.02	27.21460	482593.25	3733668.02	38.41285
482643.25	3733668.02	58.81818	482693.25	3733668.02	101.47530
482743.25	3733668.02	203.80441	482793.25	3733668.02	430.25464
482843.25	3733668.02	357.50073	482893.25	3733668.02	141.91219
482943.25	3733668.02	71.87828	482443.25	3733718.02	16.39630
482493.25	3733718.02	21.14670	482543.25	3733718.02	28.56359
482593.25	3733718.02	41.22873	482643.25	3733718.02	65.97009
482693.25	3733718.02	126.52741	482743.25	3733718.02	359.39382
482793.25	3733718.02	1466.38773	482843.25	3733718.02	507.08102
482893.25	3733718.02	150.03343	482943.25	3733718.02	73.24448
482443.25	3733768.02	16.36403	482493.25	3733768.02	21.05872
482543.25	3733768.02	28.33899	482593.25	3733768.02	40.62657
482643.25	3733768.02	64.10364	482693.25	3733768.02	118.91411
482743.25	3733768.02	305.11803	482793.25	3733768.02	906.05596
482843.25	3733768.02	346.58161	482893.25	3733768.02	131.14208
482943.25	3733768.02	68.04634	482443.25	3733818.02	15.87742
482493.25	3733818.02	20.22056	482543.25	3733818.02	26.78876
482593.25	3733818.02	37.47967	482643.25	3733818.02	56.86926
482693.25	3733818.02	98.04315	482743.25	3733818.02	191.82356
482793.25	3733818.02	260.92894	482843.25	3733818.02	174.55984
482893.25	3733818.02	97.04945	482943.25	3733818.02	58.06395
482443.25	3733868.02	15.10503	482493.25	3733868.02	18.99629
482543.25	3733868.02	24.75580	482593.25	3733868.02	33.89794
482643.25	3733868.02	49.65125	482693.25	3733868.02	77.54597
482743.25	3733868.02	115.83844	482793.25	3733868.02	125.44970
482843.25	3733868.02	99.02052	482893.25	3733868.02	69.00631
482943.25	3733868.02	46.93787	482443.25	3733918.02	14.25010
482493.25	3733918.02	17.73317	482543.25	3733918.02	22.81760

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK5 ***

INCLUDING SOURCE(S): STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	30.60178	482643.25	3733918.02	42.62862
482693.25	3733918.02	59.47435	482743.25	3733918.02	74.97637

482793.25	3733918.02	75.13350	482843.25	3733918.02	63.59894
482893.25	3733918.02	49.99914	482943.25	3733918.02	37.55944
482443.25	3733968.02	13.42706	482493.25	3733968.02	16.57125
482543.25	3733968.02	21.03319	482593.25	3733968.02	27.37241
482643.25	3733968.02	35.90841	482693.25	3733968.02	45.65291
482743.25	3733968.02	52.15015	482793.25	3733968.02	50.68908
482843.25	3733968.02	44.54186	482893.25	3733968.02	37.43311
482943.25	3733968.02	30.21566	482443.25	3734018.02	12.67431
482493.25	3734018.02	15.49246	482543.25	3734018.02	19.27617
482593.25	3734018.02	24.17584	482643.25	3734018.02	30.01308
482693.25	3734018.02	35.63575	482743.25	3734018.02	38.39150
482793.25	3734018.02	36.84384	482843.25	3734018.02	33.13300
482893.25	3734018.02	28.97459	482943.25	3734018.02	24.57809
482443.25	3734068.02	11.97014	482543.25	3734068.02	17.50883
482593.25	3734068.02	21.17989	482643.25	3734068.02	25.13325
482693.25	3734068.02	28.40221	482743.25	3734068.02	29.51449
482793.25	3734068.02	28.18100	482843.25	3734068.02	25.74425
482893.25	3734068.02	23.09501	482943.25	3734068.02	20.27052
482892.62	3734119.10	18.81343	482890.86	3734165.72	15.92309
483293.79	3733983.61	7.78781	483293.79	3733953.70	8.01738
483291.15	3733924.67	8.28625	483288.52	3733895.63	8.53964
483290.28	3733876.28	8.60218	483292.91	3733839.33	8.71474
483293.79	3733801.50	8.86069	483294.67	3733761.91	8.99950
483293.79	3733731.11	9.13449	483292.91	3733691.52	9.24946
483366.82	3733657.21	7.34446	482888.22	3733310.58	18.96604
482936.60	3733311.46	19.19525	482701.70	3732858.38	4.56423
482735.14	3732855.74	4.68167	482796.72	3732857.50	4.94105
482876.78	3732853.98	5.18297	483291.61	3734034.07	7.41155
483292.66	3734144.74	6.44659	483291.61	3734180.41	6.17404
483292.66	3734216.08	5.88633	482984.24	3733971.65	24.69434
483018.86	3733972.70	21.06208	482953.55	3732830.91	5.15675
483022.71	3732831.43	5.28789			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK6 ***

INCLUDING SOURCE(S): STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	13.97034	482493.25	3733568.02	17.20733
482543.25	3733568.02	21.67405	482593.25	3733568.02	27.94359
482643.25	3733568.02	36.76175	482693.25	3733568.02	48.88626
482743.25	3733568.02	65.05398	482793.25	3733568.02	84.80879
482843.25	3733568.02	95.68052	482893.25	3733568.02	81.71731
482943.25	3733568.02	57.54105	482443.25	3733618.02	15.08358
482493.25	3733618.02	18.97224	482543.25	3733618.02	24.65043
482593.25	3733618.02	33.34020	482643.25	3733618.02	47.27356

482693.25	3733618.02	70.16460	482743.25	3733618.02	106.52475
482793.25	3733618.02	158.36979	482843.25	3733618.02	172.98661
482893.25	3733618.02	113.92237	482943.25	3733618.02	66.37356
482443.25	3733668.02	15.94031	482493.25	3733668.02	20.38587
482543.25	3733668.02	27.17055	482593.25	3733668.02	38.32205
482643.25	3733668.02	58.59577	482693.25	3733668.02	100.77185
482743.25	3733668.02	200.79822	482793.25	3733668.02	418.57670
482843.25	3733668.02	352.30903	482893.25	3733668.02	141.51597
482943.25	3733668.02	71.79566	482443.25	3733718.02	16.39161
482493.25	3733718.02	21.13921	482543.25	3733718.02	28.55047
482593.25	3733718.02	41.20237	482643.25	3733718.02	65.90454
482693.25	3733718.02	126.28927	482743.25	3733718.02	357.42772
482793.25	3733718.02	1556.00550	482843.25	3733718.02	507.21834
482893.25	3733718.02	150.11627	482943.25	3733718.02	73.28298
482443.25	3733768.02	16.36970	482493.25	3733768.02	21.06917
482543.25	3733768.02	28.35987	482593.25	3733768.02	40.67335
482643.25	3733768.02	64.22779	482693.25	3733768.02	119.33785
482743.25	3733768.02	307.56001	482793.25	3733768.02	940.12579
482843.25	3733768.02	351.57020	482893.25	3733768.02	131.79872
482943.25	3733768.02	68.21525	482443.25	3733818.02	15.89156
482493.25	3733818.02	20.24398	482543.25	3733818.02	26.82992
482593.25	3733818.02	37.55726	482643.25	3733818.02	57.02990
482693.25	3733818.02	98.48499	482743.25	3733818.02	193.96169
482793.25	3733818.02	266.08015	482843.25	3733818.02	176.97261
482893.25	3733818.02	97.75359	482943.25	3733818.02	58.30570
482443.25	3733868.02	15.12292	482493.25	3733868.02	19.02366
482543.25	3733868.02	24.79913	482593.25	3733868.02	33.97105
482643.25	3733868.02	49.80150	482693.25	3733868.02	77.97036
482743.25	3733868.02	117.02144	482793.25	3733868.02	127.06918
482843.25	3733868.02	100.08357	482893.25	3733868.02	69.50365
482943.25	3733868.02	47.16117	482443.25	3733918.02	14.26825
482493.25	3733918.02	17.75920	482543.25	3733918.02	22.85692

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK6 ***

INCLUDING SOURCE(S): STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	30.67061	482643.25	3733918.02	42.77750
482693.25	3733918.02	59.81738	482743.25	3733918.02	75.61629
482793.25	3733918.02	75.85040	482843.25	3733918.02	64.13822
482893.25	3733918.02	50.32833	482943.25	3733918.02	37.73768
482443.25	3733968.02	13.44388	482493.25	3733968.02	16.59490
482543.25	3733968.02	21.07057	482593.25	3733968.02	27.44146
482643.25	3733968.02	36.04475	482693.25	3733968.02	45.90503
482743.25	3733968.02	52.52249	482793.25	3733968.02	51.07197

482843.25	3733968.02	44.85071	482893.25	3733968.02	37.65191
482943.25	3733968.02	30.35337	482443.25	3734018.02	12.68969
482493.25	3734018.02	15.51511	482543.25	3734018.02	19.31387
482593.25	3734018.02	24.24264	482643.25	3734018.02	30.12848
482693.25	3734018.02	35.81725	482743.25	3734018.02	38.62463
482793.25	3734018.02	37.07388	482843.25	3734018.02	33.32647
482893.25	3734018.02	29.12421	482943.25	3734018.02	24.68334
482443.25	3734068.02	11.98494	482543.25	3734068.02	17.54633
482593.25	3734068.02	21.24073	482643.25	3734068.02	25.22720
482693.25	3734068.02	28.53407	482743.25	3734068.02	29.66960
482793.25	3734068.02	28.33085	482843.25	3734068.02	25.87379
482893.25	3734068.02	23.20087	482943.25	3734068.02	20.35107
482892.62	3734119.10	18.89047	482890.86	3734165.72	15.98246
483293.79	3733983.61	7.79629	483293.79	3733953.70	8.02519
483291.15	3733924.67	8.29338	483288.52	3733895.63	8.54601
483290.28	3733876.28	8.60795	483292.91	3733839.33	8.71974
483293.79	3733801.50	8.86533	483294.67	3733761.91	9.00360
483293.79	3733731.11	9.13770	483292.91	3733691.52	9.25073
483366.82	3733657.21	7.34428	482888.22	3733310.58	18.88146
482936.60	3733311.46	19.11456	482701.70	3732858.38	4.55535
482735.14	3732855.74	4.67239	482796.72	3732857.50	4.93090
482876.78	3732853.98	5.17204	483291.61	3734034.07	7.42076
483292.66	3734144.74	6.45535	483291.61	3734180.41	6.18247
483292.66	3734216.08	5.89430	482984.24	3733971.65	24.78491
483018.86	3733972.70	21.12749	482953.55	3732830.91	5.14602
483022.71	3732831.43	5.27699			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL1 ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	9.92827	482493.25	3733568.02	11.47558
482543.25	3733568.02	13.32079	482593.25	3733568.02	15.47674
482643.25	3733568.02	17.96020	482693.25	3733568.02	20.84594
482743.25	3733568.02	24.22169	482793.25	3733568.02	27.96921
482843.25	3733568.02	31.31533	482893.25	3733568.02	33.27639
482943.25	3733568.02	32.47547	482443.25	3733618.02	10.99529
482493.25	3733618.02	12.97083	482543.25	3733618.02	15.42975
482593.25	3733618.02	18.46842	482643.25	3733618.02	22.13573
482693.25	3733618.02	26.50410	482743.25	3733618.02	31.76314
482793.25	3733618.02	37.86341	482843.25	3733618.02	43.31267
482893.25	3733618.02	45.52712	482943.25	3733618.02	41.95380
482443.25	3733668.02	12.07280	482493.25	3733668.02	14.56281
482543.25	3733668.02	17.83030	482593.25	3733668.02	22.13390
482643.25	3733668.02	27.75118	482693.25	3733668.02	34.87195

482743.25	3733668.02	43.79532	482793.25	3733668.02	54.77812
482843.25	3733668.02	64.56751	482893.25	3733668.02	65.48998
482943.25	3733668.02	54.31374	482443.25	3733718.02	13.11699
482493.25	3733718.02	16.14767	482543.25	3733718.02	20.36885
482593.25	3733718.02	26.39134	482643.25	3733718.02	35.10558
482693.25	3733718.02	47.59066	482743.25	3733718.02	64.77749
482793.25	3733718.02	87.83396	482843.25	3733718.02	108.09177
482893.25	3733718.02	98.85714	482943.25	3733718.02	68.26323
482443.25	3733768.02	14.05352	482493.25	3733768.02	17.61423
482543.25	3733768.02	22.81132	482593.25	3733768.02	30.80877
482643.25	3733768.02	43.88109	482693.25	3733768.02	66.43375
482743.25	3733768.02	105.49939	482793.25	3733768.02	168.56462
482843.25	3733768.02	220.01533	482893.25	3733768.02	149.42877
482943.25	3733768.02	80.03347	482443.25	3733818.02	14.72666
482493.25	3733818.02	18.71657	482543.25	3733818.02	24.75273
482593.25	3733818.02	34.57886	482643.25	3733818.02	52.30280
482693.25	3733818.02	89.47122	482743.25	3733818.02	186.12219
482793.25	3733818.02	474.66927	482843.25	3733818.02	615.52993
482893.25	3733818.02	196.62439	482943.25	3733818.02	87.54149
482443.25	3733868.02	15.02721	482493.25	3733868.02	19.20636
482543.25	3733868.02	25.62363	482593.25	3733868.02	36.32873
482643.25	3733868.02	56.51986	482693.25	3733868.02	103.14107
482743.25	3733868.02	263.82269	482793.25	3733868.02	2195.15769
482843.25	3733868.02	1191.23176	482893.25	3733868.02	209.25251
482943.25	3733868.02	88.79965	482443.25	3733918.02	14.93624
482493.25	3733918.02	19.01516	482543.25	3733918.02	25.20745

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL1 ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	35.34751	482643.25	3733918.02	53.85332
482693.25	3733918.02	93.85725	482743.25	3733918.02	211.89141
482793.25	3733918.02	684.05976	482843.25	3733918.02	459.27289
482893.25	3733918.02	164.56674	482943.25	3733918.02	79.61350
482443.25	3733968.02	14.43278	482493.25	3733968.02	18.17303
482543.25	3733968.02	23.71598	482593.25	3733968.02	32.48334
482643.25	3733968.02	47.72215	482693.25	3733968.02	78.46830
482743.25	3733968.02	148.13972	482793.25	3733968.02	234.58553
482843.25	3733968.02	184.20645	482893.25	3733968.02	108.81306
482943.25	3733968.02	64.31950	482443.25	3734018.02	13.70876
482493.25	3734018.02	17.06339	482543.25	3734018.02	21.92151
482593.25	3734018.02	29.42747	482643.25	3734018.02	42.11703
482693.25	3734018.02	64.62452	482743.25	3734018.02	98.71271
482793.25	3734018.02	117.79048	482843.25	3734018.02	98.72128

482893.25	3734018.02	72.70312	482943.25	3734018.02	49.96500
482443.25	3734068.02	12.94237	482543.25	3734068.02	20.22999
482593.25	3734068.02	26.78115	482643.25	3734068.02	36.97504
482693.25	3734068.02	51.60644	482743.25	3734068.02	67.68325
482793.25	3734068.02	71.68627	482843.25	3734068.02	62.27736
482893.25	3734068.02	50.83510	482943.25	3734068.02	38.96405
482892.62	3734119.10	37.16479	482890.86	3734165.72	29.07325
483293.79	3733983.61	8.90072	483293.79	3733953.70	9.03680
483291.15	3733924.67	9.25892	483288.52	3733895.63	9.48721
483290.28	3733876.28	9.51513	483292.91	3733839.33	9.54469
483293.79	3733801.50	9.53935	483294.67	3733761.91	9.42594
483293.79	3733731.11	9.34035	483292.91	3733691.52	9.21090
483366.82	3733657.21	7.20974	482888.22	3733310.58	11.06628
482936.60	3733311.46	11.50546	482701.70	3732858.38	3.46900
482735.14	3732855.74	3.54956	482796.72	3732857.50	3.72470
482876.78	3732853.98	3.88865	483291.61	3734034.07	8.70762
483292.66	3734144.74	7.80515	483291.61	3734180.41	7.49656
483292.66	3734216.08	7.14284	482984.24	3733971.65	44.26941
483018.86	3733972.70	34.00861	482953.55	3732830.91	3.88500
483022.71	3732831.43	4.00141			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL10 ***

INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	15.33837	482493.25	3733568.02	19.06339
482543.25	3733568.02	24.24513	482593.25	3733568.02	31.54330
482643.25	3733568.02	41.75063	482693.25	3733568.02	55.62473
482743.25	3733568.02	73.87104	482793.25	3733568.02	92.19092
482843.25	3733568.02	91.82362	482893.25	3733568.02	70.44809
482943.25	3733568.02	48.33418	482443.25	3733618.02	16.68159
482493.25	3733618.02	21.24807	482543.25	3733618.02	28.04125
482593.25	3733618.02	38.64335	482643.25	3733618.02	55.88765
482693.25	3733618.02	84.07164	482743.25	3733618.02	127.86362
482793.25	3733618.02	175.10830	482843.25	3733618.02	147.85772
482893.25	3733618.02	88.55918	482943.25	3733618.02	53.41065
482443.25	3733668.02	17.72290	482493.25	3733668.02	23.01811
482543.25	3733668.02	31.32573	482593.25	3733668.02	45.49775
482643.25	3733668.02	72.59212	482693.25	3733668.02	132.36177
482743.25	3733668.02	275.69516	482793.25	3733668.02	460.98436
482843.25	3733668.02	226.54003	482893.25	3733668.02	100.56297
482943.25	3733668.02	56.45034	482443.25	3733718.02	18.26558
482493.25	3733718.02	23.95407	482543.25	3733718.02	33.12046
482593.25	3733718.02	49.50712	482643.25	3733718.02	83.93662
482693.25	3733718.02	180.21396	482743.25	3733718.02	680.77757

482793.25	3733718.02	1539.61320	482843.25	3733718.02	257.02980
482893.25	3733718.02	103.24854	482943.25	3733718.02	56.96347
482443.25	3733768.02	18.21198	482493.25	3733768.02	23.81990
482543.25	3733768.02	32.78259	482593.25	3733768.02	48.57585
482643.25	3733768.02	80.85423	482693.25	3733768.02	165.98199
482743.25	3733768.02	508.34044	482793.25	3733768.02	618.27552
482843.25	3733768.02	206.05624	482893.25	3733768.02	93.51528
482943.25	3733768.02	53.62809	482443.25	3733818.02	17.60882
482493.25	3733818.02	22.75649	482543.25	3733818.02	30.75552
482593.25	3733818.02	44.30059	482643.25	3733818.02	70.34702
482693.25	3733818.02	128.35300	482743.25	3733818.02	231.73849
482793.25	3733818.02	221.18584	482843.25	3733818.02	131.26262
482893.25	3733818.02	75.20498	482943.25	3733818.02	47.35898
482443.25	3733868.02	16.68397	482493.25	3733868.02	21.26671
482543.25	3733868.02	28.23430	482593.25	3733868.02	39.65589
482643.25	3733868.02	59.65034	482693.25	3733868.02	92.68129
482743.25	3733868.02	123.11386	482793.25	3733868.02	113.28817
482843.25	3733868.02	83.86392	482893.25	3733868.02	57.43236
482943.25	3733868.02	39.82411	482443.25	3733918.02	15.68583
482493.25	3733918.02	19.77412	482543.25	3733918.02	25.85522

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL10 ***

INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	35.20778	482643.25	3733918.02	49.19211
482693.25	3733918.02	66.33779	482743.25	3733918.02	76.03193
482793.25	3733918.02	69.83201	482843.25	3733918.02	57.05936
482893.25	3733918.02	43.83873	482943.25	3733918.02	32.92443
482443.25	3733968.02	14.74183	482493.25	3733968.02	18.39467
482543.25	3733968.02	23.57739	482593.25	3733968.02	30.78940
482643.25	3733968.02	39.94912	482693.25	3733968.02	48.75066
482743.25	3733968.02	51.88636	482793.25	3733968.02	47.89403
482843.25	3733968.02	41.21931	482893.25	3733968.02	34.00988
482943.25	3733968.02	27.21583	482443.25	3734018.02	13.86826
482493.25	3734018.02	17.06739	482543.25	3734018.02	21.29710
482593.25	3734018.02	26.60104	482643.25	3734018.02	32.45799
482693.25	3734018.02	37.04100	482743.25	3734018.02	37.88729
482793.25	3734018.02	35.18677	482843.25	3734018.02	31.23583
482893.25	3734018.02	26.95642	482943.25	3734018.02	22.62667
482443.25	3734068.02	13.02421	482543.25	3734068.02	19.06128
482593.25	3734068.02	22.87555	482643.25	3734068.02	26.61148
482693.25	3734068.02	29.02585	482743.25	3734068.02	29.02867
482793.25	3734068.02	27.11753	482843.25	3734068.02	24.56588
482893.25	3734068.02	21.83422	482943.25	3734068.02	18.97788

482892.62	3734119.10	17.99277	482890.86	3734165.72	15.34767
483293.79	3733983.61	7.35183	483293.79	3733953.70	7.55032
483291.15	3733924.67	7.78512	483288.52	3733895.63	8.00724
483290.28	3733876.28	8.06107	483292.91	3733839.33	8.16044
483293.79	3733801.50	8.29009	483294.67	3733761.91	8.41100
483293.79	3733731.11	8.52832	483292.91	3733691.52	8.62966
483366.82	3733657.21	6.92404	482888.22	3733310.58	19.14078
482936.60	3733311.46	18.95373	482701.70	3732858.38	4.68825
482735.14	3732855.74	4.80191	482796.72	3732857.50	5.05402
482876.78	3732853.98	5.28221	483291.61	3734034.07	7.02539
483292.66	3734144.74	6.16285	483291.61	3734180.41	5.91531
483292.66	3734216.08	5.65156	482984.24	3733971.65	22.32077
483018.86	3733972.70	19.13729	482953.55	3732830.91	5.23279
483022.71	3732831.43	5.33476			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL2 ***

INCLUDING SOURCE(S): VOL2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	11.81992	482493.25	3733568.02	13.72715
482543.25	3733568.02	15.94565	482593.25	3733568.02	18.50223
482643.25	3733568.02	21.47922	482693.25	3733568.02	24.95709
482743.25	3733568.02	28.70081	482793.25	3733568.02	31.85731
482843.25	3733568.02	33.37605	482893.25	3733568.02	31.92967
482943.25	3733568.02	27.81755	482443.25	3733618.02	13.42053
482493.25	3733618.02	15.98869	482543.25	3733618.02	19.15076
482593.25	3733618.02	22.94865	482643.25	3733618.02	27.47740
482693.25	3733618.02	32.93662	482743.25	3733618.02	39.07733
482793.25	3733618.02	44.11800	482843.25	3733618.02	45.29812
482893.25	3733618.02	40.62199	482943.25	3733618.02	32.67391
482443.25	3733668.02	15.14669	482493.25	3733668.02	18.59888
482543.25	3733668.02	23.14451	482593.25	3733668.02	29.05012
482643.25	3733668.02	36.49585	482693.25	3733668.02	45.84648
482743.25	3733668.02	57.03401	482793.25	3733668.02	65.74443
482843.25	3733668.02	64.04908	482893.25	3733668.02	51.35773
482943.25	3733668.02	37.28554	482443.25	3733718.02	16.88069
482493.25	3733718.02	21.40506	482543.25	3733718.02	27.88518
482593.25	3733718.02	37.26775	482643.25	3733718.02	50.62253
482693.25	3733718.02	68.89366	482743.25	3733718.02	92.84477
482793.25	3733718.02	109.29180	482843.25	3733718.02	93.24151
482893.25	3733718.02	62.56931	482943.25	3733718.02	41.03237
482443.25	3733768.02	18.49573	482493.25	3733768.02	24.13503
482543.25	3733768.02	32.91481	482593.25	3733768.02	47.44087
482643.25	3733768.02	72.67585	482693.25	3733768.02	115.94118
482743.25	3733768.02	183.89191	482793.25	3733768.02	214.51243

482843.25	3733768.02	131.78436	482893.25	3733768.02	71.43502
482943.25	3733768.02	43.82438	482443.25	3733818.02	19.72225
482493.25	3733818.02	26.33250	482543.25	3733818.02	37.28537
482593.25	3733818.02	57.55304	482643.25	3733818.02	101.69780
482693.25	3733818.02	221.93260	482743.25	3733818.02	571.73847
482793.25	3733818.02	497.25617	482843.25	3733818.02	162.27111
482893.25	3733818.02	77.19003	482943.25	3733818.02	45.90973
482443.25	3733868.02	20.26749	482493.25	3733868.02	27.32261
482543.25	3733868.02	39.33658	482593.25	3733868.02	62.73540
482643.25	3733868.02	119.95480	482693.25	3733868.02	345.40280
482743.25	3733868.02	5274.02889	482793.25	3733868.02	719.27748
482843.25	3733868.02	169.77072	482893.25	3733868.02	78.00130
482943.25	3733868.02	45.87272	482443.25	3733918.02	20.04504
482493.25	3733918.02	26.83248	482543.25	3733918.02	38.15482

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL2 ***

INCLUDING SOURCE(S): VOL2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	59.39558	482643.25	3733918.02	107.49385
482693.25	3733918.02	263.05974	482743.25	3733918.02	765.29326
482793.25	3733918.02	367.77628	482843.25	3733918.02	139.26120
482893.25	3733918.02	70.75956	482943.25	3733918.02	43.05795
482443.25	3733968.02	19.10584	482493.25	3733968.02	25.14556
482543.25	3733968.02	34.85127	482593.25	3733968.02	52.14315
482643.25	3733968.02	88.26671	482693.25	3733968.02	168.56733
482743.25	3733968.02	234.38918	482793.25	3733968.02	168.15025
482843.25	3733968.02	97.27686	482893.25	3733968.02	58.57022
482943.25	3733968.02	38.59878	482443.25	3734018.02	17.88965
482493.25	3734018.02	23.15720	482543.25	3734018.02	31.43114
482593.25	3734018.02	45.66314	482643.25	3734018.02	70.68194
482693.25	3734018.02	105.51456	482743.25	3734018.02	115.84700
482793.25	3734018.02	93.73505	482843.25	3734018.02	67.56833
482893.25	3734018.02	46.41446	482943.25	3734018.02	32.97217
482443.25	3734068.02	16.66583	482543.25	3734068.02	28.48315
482593.25	3734068.02	39.55315	482643.25	3734068.02	54.95651
482693.25	3734068.02	69.98785	482743.25	3734068.02	70.33482
482793.25	3734068.02	60.08967	482843.25	3734068.02	48.40127
482893.25	3734068.02	36.80929	482943.25	3734068.02	27.80233
482892.62	3734119.10	29.38059	482890.86	3734165.72	24.27201
483293.79	3733983.61	7.34913	483293.79	3733953.70	7.44850
483291.15	3733924.67	7.61255	483288.52	3733895.63	7.77971
483290.28	3733876.28	7.80064	483292.91	3733839.33	7.82659
483293.79	3733801.50	7.83446	483294.67	3733761.91	7.76629
483293.79	3733731.11	7.70886	483292.91	3733691.52	7.61003

483366.82	3733657.21	6.10800	482888.22	3733310.58	11.54692
482936.60	3733311.46	11.72645	482701.70	3732858.38	3.63791
482735.14	3732855.74	3.70998	482796.72	3732857.50	3.86788
482876.78	3732853.98	4.00876	483291.61	3734034.07	7.22691
483292.66	3734144.74	6.63258	483291.61	3734180.41	6.41638
483292.66	3734216.08	6.15968	482984.24	3733971.65	28.69593
483018.86	3733972.70	23.14564	482953.55	3732830.91	3.98382
483022.71	3732831.43	4.08254			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL3 ***

INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	14.14592	482493.25	3733568.02	16.42780
482543.25	3733568.02	19.06114	482593.25	3733568.02	22.13302
482643.25	3733568.02	25.70646	482693.25	3733568.02	29.40778
482743.25	3733568.02	32.33736	482793.25	3733568.02	33.34967
482843.25	3733568.02	31.27223	482893.25	3733568.02	26.82570
482943.25	3733568.02	21.78672	482443.25	3733618.02	16.57163
482493.25	3733618.02	19.85835	482543.25	3733618.02	23.79035
482593.25	3733618.02	28.48819	482643.25	3733618.02	34.14517
482693.25	3733618.02	40.24735	482743.25	3733618.02	44.77197
482793.25	3733618.02	44.81288	482843.25	3733618.02	39.15787
482893.25	3733618.02	31.04508	482943.25	3733618.02	23.77637
482443.25	3733668.02	19.41114	482493.25	3733668.02	24.21002
482543.25	3733668.02	30.41001	482593.25	3733668.02	38.19473
482643.25	3733668.02	47.98962	482693.25	3733668.02	59.20102
482743.25	3733668.02	66.48345	482793.25	3733668.02	62.12231
482843.25	3733668.02	48.37189	482893.25	3733668.02	34.89152
482943.25	3733668.02	25.43784	482443.25	3733718.02	22.51856
482493.25	3733718.02	29.49443	482543.25	3733718.02	39.59026
482593.25	3733718.02	53.84708	482643.25	3733718.02	73.27678
482693.25	3733718.02	97.63878	482743.25	3733718.02	108.95017
482793.25	3733718.02	87.07131	482843.25	3733718.02	57.33232
482893.25	3733718.02	37.97029	482943.25	3733718.02	26.79718
482443.25	3733768.02	25.58052	482493.25	3733768.02	35.24313
482543.25	3733768.02	51.41902	482593.25	3733768.02	79.64522
482643.25	3733768.02	127.40115	482693.25	3733768.02	198.55799
482743.25	3733768.02	202.74749	482793.25	3733768.02	115.91070
482843.25	3733768.02	64.11879	482893.25	3733768.02	40.29743
482943.25	3733768.02	27.90318	482443.25	3733818.02	28.07807
482493.25	3733818.02	40.34025	482543.25	3733818.02	63.66617
482593.25	3733818.02	116.58707	482643.25	3733818.02	266.92501
482693.25	3733818.02	670.26188	482743.25	3733818.02	389.87275
482793.25	3733818.02	136.23849	482843.25	3733818.02	68.64587

482893.25	3733818.02	42.07376	482943.25	3733818.02	28.79512
482443.25	3733868.02	29.20957	482493.25	3733868.02	42.76298
482543.25	3733868.02	70.11690	482593.25	3733868.02	141.57765
482643.25	3733868.02	474.74927	482693.25	3733868.02	0.00000
482743.25	3733868.02	483.75290	482793.25	3733868.02	140.89156
482843.25	3733868.02	69.15220	482893.25	3733868.02	41.98225
482943.25	3733868.02	28.59862	482443.25	3733918.02	28.63029
482493.25	3733918.02	41.33117	482543.25	3733918.02	65.88855

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL3 ***

INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	124.51487	482643.25	3733918.02	333.76808
482693.25	3733918.02	753.18009	482743.25	3733918.02	295.03551
482793.25	3733918.02	119.27342	482843.25	3733918.02	63.33388
482893.25	3733918.02	39.56502	482943.25	3733918.02	27.32425
482443.25	3733968.02	26.71572	482493.25	3733968.02	37.50341
482543.25	3733968.02	57.25569	482593.25	3733968.02	99.89551
482643.25	3733968.02	189.92603	482693.25	3733968.02	226.66304
482743.25	3733968.02	152.00827	482793.25	3733968.02	87.21559
482843.25	3733968.02	53.53143	482893.25	3733968.02	35.82835
482943.25	3733968.02	25.60387	482443.25	3734018.02	24.50814
482493.25	3734018.02	33.66436	482543.25	3734018.02	49.64967
482593.25	3734018.02	77.24374	482643.25	3734018.02	111.33052
482693.25	3734018.02	112.46141	482743.25	3734018.02	88.59757
482793.25	3734018.02	62.67943	482843.25	3734018.02	43.18579
482893.25	3734018.02	30.96321	482943.25	3734018.02	23.16409
482443.25	3734068.02	22.50765	482543.25	3734068.02	42.31551
482593.25	3734068.02	58.34955	482643.25	3734068.02	71.60804
482693.25	3734068.02	68.56705	482743.25	3734068.02	57.86406
482793.25	3734068.02	45.96630	482843.25	3734068.02	34.76807
482893.25	3734068.02	26.34845	482943.25	3734068.02	20.47961
482892.62	3734119.10	22.42607	482890.86	3734165.72	19.47860
483293.79	3733983.61	6.18994	483293.79	3733953.70	6.26648
483291.15	3733924.67	6.39185	483288.52	3733895.63	6.51835
483290.28	3733876.28	6.53449	483292.91	3733839.33	6.55682
483293.79	3733801.50	6.57044	483294.67	3733761.91	6.53002
483293.79	3733731.11	6.49242	483292.91	3733691.52	6.41712
483366.82	3733657.21	5.25687	482888.22	3733310.58	11.68478
482936.60	3733311.46	11.45230	482701.70	3732858.38	3.79207
482735.14	3732855.74	3.85297	482796.72	3732857.50	3.99401
482876.78	3732853.98	4.11649	483291.61	3734034.07	6.10461
483292.66	3734144.74	5.70504	483291.61	3734180.41	5.55128
483292.66	3734216.08	5.36126	482984.24	3733971.65	20.10271

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL4 ***

INCLUDING SOURCE(S): VOL4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	16.57163	482493.25	3733568.02	19.85835
482543.25	3733568.02	23.79035	482593.25	3733568.02	28.48819
482643.25	3733568.02	34.14517	482693.25	3733568.02	40.24735
482743.25	3733568.02	44.77197	482793.25	3733568.02	44.81288
482843.25	3733568.02	39.15787	482893.25	3733568.02	31.04508
482943.25	3733568.02	23.77637	482443.25	3733618.02	19.41114
482493.25	3733618.02	24.21002	482543.25	3733618.02	30.41001
482593.25	3733618.02	38.19473	482643.25	3733618.02	47.98962
482693.25	3733618.02	59.20102	482743.25	3733618.02	66.48345
482793.25	3733618.02	62.12231	482843.25	3733618.02	48.37189
482893.25	3733618.02	34.89152	482943.25	3733618.02	25.43784
482443.25	3733668.02	22.51856	482493.25	3733668.02	29.49443
482543.25	3733668.02	39.59026	482593.25	3733668.02	53.84708
482643.25	3733668.02	73.27678	482693.25	3733668.02	97.63878
482743.25	3733668.02	108.95017	482793.25	3733668.02	87.07131
482843.25	3733668.02	57.33232	482893.25	3733668.02	37.97029
482943.25	3733668.02	26.79718	482443.25	3733718.02	25.58052
482493.25	3733718.02	35.24313	482543.25	3733718.02	51.41902
482593.25	3733718.02	79.64522	482643.25	3733718.02	127.40115
482693.25	3733718.02	198.55799	482743.25	3733718.02	202.74749
482793.25	3733718.02	115.91070	482843.25	3733718.02	64.11879
482893.25	3733718.02	40.29743	482943.25	3733718.02	27.90318
482443.25	3733768.02	28.07807	482493.25	3733768.02	40.34025
482543.25	3733768.02	63.66617	482593.25	3733768.02	116.58707
482643.25	3733768.02	266.92501	482693.25	3733768.02	670.26188
482743.25	3733768.02	389.87275	482793.25	3733768.02	136.23849
482843.25	3733768.02	68.64587	482893.25	3733768.02	42.07376
482943.25	3733768.02	28.79512	482443.25	3733818.02	29.20957
482493.25	3733818.02	42.76298	482543.25	3733818.02	70.11690
482593.25	3733818.02	141.57765	482643.25	3733818.02	474.74927
482693.25	3733818.02	0.00000	482743.25	3733818.02	483.75290
482793.25	3733818.02	140.89156	482843.25	3733818.02	69.15220
482893.25	3733818.02	41.98225	482943.25	3733818.02	28.59862
482443.25	3733868.02	28.63029	482493.25	3733868.02	41.33117
482543.25	3733868.02	65.88855	482593.25	3733868.02	124.51487
482643.25	3733868.02	333.76808	482693.25	3733868.02	753.18009
482743.25	3733868.02	295.03551	482793.25	3733868.02	119.27342
482843.25	3733868.02	63.33388	482893.25	3733868.02	39.56502

482943.25	3733868.02	27.32425	482443.25	3733918.02	26.71572
482493.25	3733918.02	37.50341	482543.25	3733918.02	57.25569

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL4 ***

INCLUDING SOURCE(S): VOL4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	99.89551	482643.25	3733918.02	189.92603
482693.25	3733918.02	226.66304	482743.25	3733918.02	152.00827
482793.25	3733918.02	87.21559	482843.25	3733918.02	53.53143
482893.25	3733918.02	35.82835	482943.25	3733918.02	25.60387
482443.25	3733968.02	24.50814	482493.25	3733968.02	33.66436
482543.25	3733968.02	49.64967	482593.25	3733968.02	77.24374
482643.25	3733968.02	111.33052	482693.25	3733968.02	112.46141
482743.25	3733968.02	88.59757	482793.25	3733968.02	62.67943
482843.25	3733968.02	43.18579	482893.25	3733968.02	30.96321
482943.25	3733968.02	23.16409	482443.25	3734018.02	22.50765
482493.25	3734018.02	30.34409	482543.25	3734018.02	42.31551
482593.25	3734018.02	58.34955	482643.25	3734018.02	71.60804
482693.25	3734018.02	68.56705	482743.25	3734018.02	57.86406
482793.25	3734018.02	45.96630	482843.25	3734018.02	34.76807
482893.25	3734018.02	26.34845	482943.25	3734018.02	20.47961
482443.25	3734068.02	20.75805	482543.25	3734068.02	35.34493
482593.25	3734068.02	44.51846	482643.25	3734068.02	49.75862
482693.25	3734068.02	46.78245	482743.25	3734068.02	40.96973
482793.25	3734068.02	34.72653	482843.25	3734068.02	28.16169
482893.25	3734068.02	22.43937	482943.25	3734068.02	18.00615
482892.62	3734119.10	19.14428	482890.86	3734165.72	16.66874
483293.79	3733983.61	6.07023	483293.79	3733953.70	6.14168
483291.15	3733924.67	6.25703	483288.52	3733895.63	6.37991
483290.28	3733876.28	6.40275	483292.91	3733839.33	6.45523
483293.79	3733801.50	6.52142	483294.67	3733761.91	6.55121
483293.79	3733731.11	6.56487	483292.91	3733691.52	6.52868
483366.82	3733657.21	5.34616	482888.22	3733310.58	13.61226
482936.60	3733311.46	13.11389	482701.70	3732858.38	4.12883
482735.14	3732855.74	4.19867	482796.72	3732857.50	4.36004
482876.78	3732853.98	4.49874	483291.61	3734034.07	5.96078
483292.66	3734144.74	5.46756	483291.61	3734180.41	5.30133
483292.66	3734216.08	5.10766	482984.24	3733971.65	18.61728
483018.86	3733972.70	15.80263	482953.55	3732830.91	4.43590
483022.71	3732831.43	4.49022			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL5 ***

INCLUDING SOURCE(S): VOL5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	21.88956	482493.25	3733568.02	28.37590
482543.25	3733568.02	37.52521	482593.25	3733568.02	50.05721
482643.25	3733568.02	66.75983	482693.25	3733568.02	87.24908
482743.25	3733568.02	97.76500	482793.25	3733568.02	81.49529
482843.25	3733568.02	55.66961	482893.25	3733568.02	37.41902
482943.25	3733568.02	26.54907	482443.25	3733618.02	24.99012
482493.25	3733618.02	34.09908	482543.25	3733618.02	48.89985
482593.25	3733618.02	73.46625	482643.25	3733618.02	112.52103
482693.25	3733618.02	167.97877	482743.25	3733618.02	177.27791
482793.25	3733618.02	110.41449	482843.25	3733618.02	62.96957
482893.25	3733618.02	39.88221	482943.25	3733618.02	27.69346
482443.25	3733668.02	27.66515	482493.25	3733668.02	39.46167
482543.25	3733668.02	61.41557	482593.25	3733668.02	108.83545
482643.25	3733668.02	227.11710	482693.25	3733668.02	487.19172
482743.25	3733668.02	347.99097	482793.25	3733668.02	133.17531
482843.25	3733668.02	67.88951	482893.25	3733668.02	41.78097
482943.25	3733668.02	28.66385	482443.25	3733718.02	29.11542
482493.25	3733718.02	42.57782	482543.25	3733718.02	69.66043
482593.25	3733718.02	139.86052	482643.25	3733718.02	456.74806
482693.25	3733718.02	6976.25557	482743.25	3733718.02	488.59163
482793.25	3733718.02	142.22060	482843.25	3733718.02	69.67998
482893.25	3733718.02	42.25356	482943.25	3733718.02	28.76020
482443.25	3733768.02	28.88414	482493.25	3733768.02	41.90493
482543.25	3733768.02	67.42307	482593.25	3733768.02	129.80723
482643.25	3733768.02	367.80621	482693.25	3733768.02	1104.12378
482743.25	3733768.02	338.19414	482793.25	3733768.02	125.18927
482843.25	3733768.02	64.81543	482893.25	3733768.02	40.13372
482943.25	3733768.02	27.60999	482443.25	3733818.02	27.14878
482493.25	3733818.02	38.31838	482543.25	3733818.02	58.92987
482593.25	3733818.02	104.56723	482643.25	3733818.02	213.26797
482693.25	3733818.02	272.08251	482743.25	3733818.02	172.08697
482793.25	3733818.02	93.23523	482843.25	3733818.02	55.70045
482893.25	3733818.02	36.70886	482943.25	3733818.02	26.00582
482443.25	3733868.02	24.94278	482493.25	3733868.02	34.38354
482543.25	3733868.02	51.11427	482593.25	3733868.02	81.59065
482643.25	3733868.02	122.95752	482693.25	3733868.02	126.67184
482743.25	3733868.02	97.69430	482793.25	3733868.02	66.88352
482843.25	3733868.02	45.11609	482893.25	3733868.02	31.95031
482943.25	3733868.02	23.69295	482443.25	3733918.02	22.88196
482493.25	3733918.02	30.98885	482543.25	3733918.02	43.77974

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL5 ***

INCLUDING SOURCE(S): VOL5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	61.70957	482643.25	3733918.02	77.67972
482693.25	3733918.02	74.87885	482743.25	3733918.02	62.54492
482793.25	3733918.02	48.79969	482843.25	3733918.02	36.29497
482893.25	3733918.02	27.21643	482943.25	3733918.02	21.00843
482443.25	3733968.02	21.09964	482493.25	3733968.02	27.74375
482543.25	3733968.02	36.67088	482593.25	3733968.02	46.92135
482643.25	3733968.02	53.23940	482693.25	3733968.02	50.16628
482743.25	3733968.02	43.67196	482793.25	3733968.02	36.63726
482843.25	3733968.02	29.35461	482893.25	3733968.02	23.16669
482943.25	3733968.02	18.47498	482443.25	3734018.02	19.37789
482493.25	3734018.02	24.45340	482543.25	3734018.02	30.48778
482593.25	3734018.02	36.39473	482643.25	3734018.02	38.80254
482693.25	3734018.02	36.30726	482743.25	3734018.02	32.41168
482793.25	3734018.02	28.37316	482843.25	3734018.02	23.95806
482893.25	3734018.02	19.77303	482943.25	3734018.02	16.26088
482443.25	3734068.02	17.59735	482543.25	3734068.02	25.44694
482593.25	3734068.02	28.86269	482643.25	3734068.02	29.61556
482693.25	3734068.02	27.69050	482743.25	3734068.02	25.14209
482793.25	3734068.02	22.60411	482843.25	3734068.02	19.79708
482893.25	3734068.02	16.93511	482943.25	3734068.02	14.33897
482892.62	3734119.10	14.56194	482890.86	3734165.72	12.79650
483293.79	3733983.61	5.78024	483293.79	3733953.70	5.89456
483291.15	3733924.67	6.02916	483288.52	3733895.63	6.15153
483290.28	3733876.28	6.17016	483292.91	3733839.33	6.21537
483293.79	3733801.50	6.29937	483294.67	3733761.91	6.39157
483293.79	3733731.11	6.48246	483292.91	3733691.52	6.56694
483366.82	3733657.21	5.42586	482888.22	3733310.58	18.29245
482936.60	3733311.46	16.80372	482701.70	3732858.38	4.87100
482735.14	3732855.74	4.96209	482796.72	3732857.50	5.17152
482876.78	3732853.98	5.34594	483291.61	3734034.07	5.58206
483292.66	3734144.74	5.01224	483291.61	3734180.41	4.84009
483292.66	3734216.08	4.65020	482984.24	3733971.65	15.44594
483018.86	3733972.70	13.48473	482953.55	3732830.91	5.23880
483022.71	3732831.43	5.25940			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL6 ***

INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	23.79035	482493.25	3733568.02	28.48819
482543.25	3733568.02	34.14517	482593.25	3733568.02	40.24735
482643.25	3733568.02	44.77197	482693.25	3733568.02	44.81288
482743.25	3733568.02	39.15787	482793.25	3733568.02	31.04508
482843.25	3733568.02	23.77637	482893.25	3733568.02	18.40158
482943.25	3733568.02	14.61633	482443.25	3733618.02	30.41001
482493.25	3733618.02	38.19473	482543.25	3733618.02	47.98962
482593.25	3733618.02	59.20102	482643.25	3733618.02	66.48345
482693.25	3733618.02	62.12231	482743.25	3733618.02	48.37189
482793.25	3733618.02	34.89152	482843.25	3733618.02	25.43784
482893.25	3733618.02	19.27033	482943.25	3733618.02	15.12899
482443.25	3733668.02	39.59026	482493.25	3733668.02	53.84708
482543.25	3733668.02	73.27678	482593.25	3733668.02	97.63878
482643.25	3733668.02	108.95017	482693.25	3733668.02	87.07131
482743.25	3733668.02	57.33232	482793.25	3733668.02	37.97029
482843.25	3733668.02	26.79718	482893.25	3733668.02	19.99450
482943.25	3733668.02	15.56617	482443.25	3733718.02	51.41902
482493.25	3733718.02	79.64522	482543.25	3733718.02	127.40115
482593.25	3733718.02	198.55799	482643.25	3733718.02	202.74749
482693.25	3733718.02	115.91070	482743.25	3733718.02	64.11879
482793.25	3733718.02	40.29743	482843.25	3733718.02	27.90318
482893.25	3733718.02	20.64010	482943.25	3733718.02	15.99580
482443.25	3733768.02	63.66617	482493.25	3733768.02	116.58707
482543.25	3733768.02	266.92501	482593.25	3733768.02	670.26188
482643.25	3733768.02	389.87275	482693.25	3733768.02	136.23849
482743.25	3733768.02	68.64587	482793.25	3733768.02	42.07376
482843.25	3733768.02	28.79512	482893.25	3733768.02	21.13729
482943.25	3733768.02	16.28450	482443.25	3733818.02	70.11690
482493.25	3733818.02	141.57765	482543.25	3733818.02	474.74927
482593.25	3733818.02	0.00000	482643.25	3733818.02	483.75290
482693.25	3733818.02	140.89156	482743.25	3733818.02	69.15220
482793.25	3733818.02	41.98225	482843.25	3733818.02	28.59862
482893.25	3733818.02	20.94033	482943.25	3733818.02	16.11085
482443.25	3733868.02	65.88855	482493.25	3733868.02	124.51487
482543.25	3733868.02	333.76808	482593.25	3733868.02	753.18009
482643.25	3733868.02	295.03551	482693.25	3733868.02	119.27342
482743.25	3733868.02	63.33388	482793.25	3733868.02	39.56502
482843.25	3733868.02	27.32425	482893.25	3733868.02	20.16764
482943.25	3733868.02	15.59865	482443.25	3733918.02	57.25569
482493.25	3733918.02	99.89551	482543.25	3733918.02	189.92603

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL6 ***

INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	226.66304	482643.25	3733918.02	152.00827
482693.25	3733918.02	87.21559	482743.25	3733918.02	53.53143
482793.25	3733918.02	35.82835	482843.25	3733918.02	25.60387
482893.25	3733918.02	19.23837	482943.25	3733918.02	15.02795
482443.25	3733968.02	49.64967	482493.25	3733968.02	77.24374
482543.25	3733968.02	111.33052	482593.25	3733968.02	112.46141
482643.25	3733968.02	88.59757	482693.25	3733968.02	62.67943
482743.25	3733968.02	43.18579	482793.25	3733968.02	30.96321
482843.25	3733968.02	23.16409	482893.25	3733968.02	17.93484
482943.25	3733968.02	14.28507	482443.25	3734018.02	42.31551
482493.25	3734018.02	58.34955	482543.25	3734018.02	71.60804
482593.25	3734018.02	68.56705	482643.25	3734018.02	57.86406
482693.25	3734018.02	45.96630	482743.25	3734018.02	34.76807
482793.25	3734018.02	26.34845	482843.25	3734018.02	20.47961
482893.25	3734018.02	16.32962	482943.25	3734018.02	13.29868
482443.25	3734068.02	35.34493	482543.25	3734068.02	49.75862
482593.25	3734068.02	46.78245	482643.25	3734068.02	40.96973
482693.25	3734068.02	34.72653	482743.25	3734068.02	28.16169
482793.25	3734068.02	22.43937	482843.25	3734068.02	18.00615
482893.25	3734068.02	14.70413	482943.25	3734068.02	12.21585
482892.62	3734119.10	13.21283	482890.86	3734165.72	12.04348
483293.79	3733983.61	4.73596	483293.79	3733953.70	4.78193
483291.15	3733924.67	4.86038	483288.52	3733895.63	4.94400
483290.28	3733876.28	4.95996	483292.91	3733839.33	4.99523
483293.79	3733801.50	5.04044	483294.67	3733761.91	5.06587
483293.79	3733731.11	5.08299	483292.91	3733691.52	5.07055
483366.82	3733657.21	4.27117	482888.22	3733310.58	12.09572
482936.60	3733311.46	10.95693	482701.70	3732858.38	4.37819
482735.14	3732855.74	4.42964	482796.72	3732857.50	4.56488
482876.78	3732853.98	4.64734	483291.61	3734034.07	4.67987
483292.66	3734144.74	4.40162	483291.61	3734180.41	4.29877
483292.66	3734216.08	4.17318	482984.24	3733971.65	12.02433
483018.86	3733972.70	10.53793	482953.55	3732830.91	4.48100
483022.71	3732831.43	4.40243			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL7 ***

INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

482443.25	3733568.02	19.06114	482493.25	3733568.02	22.13302
482543.25	3733568.02	25.70646	482593.25	3733568.02	29.40778
482643.25	3733568.02	32.33736	482693.25	3733568.02	33.34967
482743.25	3733568.02	31.27223	482793.25	3733568.02	26.82570
482843.25	3733568.02	21.78672	482893.25	3733568.02	17.39837
482943.25	3733568.02	14.02565	482443.25	3733618.02	23.79035
482493.25	3733618.02	28.48819	482543.25	3733618.02	34.14517
482593.25	3733618.02	40.24735	482643.25	3733618.02	44.77197
482693.25	3733618.02	44.81288	482743.25	3733618.02	39.15787
482793.25	3733618.02	31.04508	482843.25	3733618.02	23.77637
482893.25	3733618.02	18.40158	482943.25	3733618.02	14.61633
482443.25	3733668.02	30.41001	482493.25	3733668.02	38.19473
482543.25	3733668.02	47.98962	482593.25	3733668.02	59.20102
482643.25	3733668.02	66.48345	482693.25	3733668.02	62.12231
482743.25	3733668.02	48.37189	482793.25	3733668.02	34.89152
482843.25	3733668.02	25.43784	482893.25	3733668.02	19.27033
482943.25	3733668.02	15.12899	482443.25	3733718.02	39.59026
482493.25	3733718.02	53.84708	482543.25	3733718.02	73.27678
482593.25	3733718.02	97.63878	482643.25	3733718.02	108.95017
482693.25	3733718.02	87.07131	482743.25	3733718.02	57.33232
482793.25	3733718.02	37.97029	482843.25	3733718.02	26.79718
482893.25	3733718.02	19.99450	482943.25	3733718.02	15.56617
482443.25	3733768.02	51.41902	482493.25	3733768.02	79.64522
482543.25	3733768.02	127.40115	482593.25	3733768.02	198.55799
482643.25	3733768.02	202.74749	482693.25	3733768.02	115.91070
482743.25	3733768.02	64.11879	482793.25	3733768.02	40.29743
482843.25	3733768.02	27.90318	482893.25	3733768.02	20.64010
482943.25	3733768.02	15.99580	482443.25	3733818.02	63.66617
482493.25	3733818.02	116.58707	482543.25	3733818.02	266.92501
482593.25	3733818.02	670.26188	482643.25	3733818.02	389.87275
482693.25	3733818.02	136.23849	482743.25	3733818.02	68.64587
482793.25	3733818.02	42.07376	482843.25	3733818.02	28.79512
482893.25	3733818.02	21.13729	482943.25	3733818.02	16.28450
482443.25	3733868.02	70.11690	482493.25	3733868.02	141.57765
482543.25	3733868.02	474.74927	482593.25	3733868.02	0.00000
482643.25	3733868.02	483.75290	482693.25	3733868.02	140.89156
482743.25	3733868.02	69.15220	482793.25	3733868.02	41.98225
482843.25	3733868.02	28.59862	482893.25	3733868.02	20.94033
482943.25	3733868.02	16.11085	482443.25	3733918.02	65.88855
482493.25	3733918.02	124.51487	482543.25	3733918.02	333.76808

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL7 ***

INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

482593.25	3733918.02	753.18009	482643.25	3733918.02	295.03551
482693.25	3733918.02	119.27342	482743.25	3733918.02	63.33388
482793.25	3733918.02	39.56502	482843.25	3733918.02	27.32425
482893.25	3733918.02	20.16764	482943.25	3733918.02	15.59865
482443.25	3733968.02	57.25569	482493.25	3733968.02	99.89551
482543.25	3733968.02	189.92603	482593.25	3733968.02	226.66304
482643.25	3733968.02	152.00827	482693.25	3733968.02	87.21559
482743.25	3733968.02	53.53143	482793.25	3733968.02	35.82835
482843.25	3733968.02	25.60387	482893.25	3733968.02	19.23837
482943.25	3733968.02	15.02795	482443.25	3734018.02	49.64967
482493.25	3734018.02	77.24374	482543.25	3734018.02	111.33052
482593.25	3734018.02	112.46141	482643.25	3734018.02	88.59757
482693.25	3734018.02	62.67943	482743.25	3734018.02	43.18579
482793.25	3734018.02	30.96321	482843.25	3734018.02	23.16409
482893.25	3734018.02	17.93484	482943.25	3734018.02	14.28507
482443.25	3734068.02	42.31551	482543.25	3734068.02	71.60804
482593.25	3734068.02	68.56705	482643.25	3734068.02	57.86406
482693.25	3734068.02	45.96630	482743.25	3734068.02	34.76807
482793.25	3734068.02	26.34845	482843.25	3734068.02	20.47961
482893.25	3734068.02	16.32962	482943.25	3734068.02	13.29868
482892.62	3734119.10	14.70595	482890.86	3734165.72	13.39150
483293.79	3733983.61	4.81507	483293.79	3733953.70	4.86824
483291.15	3733924.67	4.95279	483288.52	3733895.63	5.03683
483290.28	3733876.28	5.04780	483292.91	3733839.33	5.06501
483293.79	3733801.50	5.08102	483294.67	3733761.91	5.06567
483293.79	3733731.11	5.04878	483292.91	3733691.52	5.00221
483366.82	3733657.21	4.20966	482888.22	3733310.58	10.80134
482936.60	3733311.46	10.00408	482701.70	3732858.38	4.00986
482735.14	3732855.74	4.05518	482796.72	3732857.50	4.17500
482876.78	3732853.98	4.25746	483291.61	3734034.07	4.75918
483292.66	3734144.74	4.54103	483291.61	3734180.41	4.45389
483292.66	3734216.08	4.33553	482984.24	3733971.65	12.52880
483018.86	3733972.70	10.90868	482953.55	3732830.91	4.13148
483022.71	3732831.43	4.08655			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL8 ***

INCLUDING SOURCE(S): VOL8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	30.41001	482493.25	3733568.02	38.19473
482543.25	3733568.02	47.98962	482593.25	3733568.02	59.20102
482643.25	3733568.02	66.48345	482693.25	3733568.02	62.12231
482743.25	3733568.02	48.37189	482793.25	3733568.02	34.89152
482843.25	3733568.02	25.43784	482893.25	3733568.02	19.27033
482943.25	3733568.02	15.12899	482443.25	3733618.02	39.59026

482493.25	3733618.02	53.84708	482543.25	3733618.02	73.27678
482593.25	3733618.02	97.63878	482643.25	3733618.02	108.95017
482693.25	3733618.02	87.07131	482743.25	3733618.02	57.33232
482793.25	3733618.02	37.97029	482843.25	3733618.02	26.79718
482893.25	3733618.02	19.99450	482943.25	3733618.02	15.56617
482443.25	3733668.02	51.41902	482493.25	3733668.02	79.64522
482543.25	3733668.02	127.40115	482593.25	3733668.02	198.55799
482643.25	3733668.02	202.74749	482693.25	3733668.02	115.91070
482743.25	3733668.02	64.11879	482793.25	3733668.02	40.29743
482843.25	3733668.02	27.90318	482893.25	3733668.02	20.64010
482943.25	3733668.02	15.99580	482443.25	3733718.02	63.66617
482493.25	3733718.02	116.58707	482543.25	3733718.02	266.92501
482593.25	3733718.02	670.26188	482643.25	3733718.02	389.87275
482693.25	3733718.02	136.23849	482743.25	3733718.02	68.64587
482793.25	3733718.02	42.07376	482843.25	3733718.02	28.79512
482893.25	3733718.02	21.13729	482943.25	3733718.02	16.28450
482443.25	3733768.02	70.11690	482493.25	3733768.02	141.57765
482543.25	3733768.02	474.74927	482593.25	3733768.02	0.00000
482643.25	3733768.02	483.75290	482693.25	3733768.02	140.89156
482743.25	3733768.02	69.15220	482793.25	3733768.02	41.98225
482843.25	3733768.02	28.59862	482893.25	3733768.02	20.94033
482943.25	3733768.02	16.11085	482443.25	3733818.02	65.88855
482493.25	3733818.02	124.51487	482543.25	3733818.02	333.76808
482593.25	3733818.02	753.18009	482643.25	3733818.02	295.03551
482693.25	3733818.02	119.27342	482743.25	3733818.02	63.33388
482793.25	3733818.02	39.56502	482843.25	3733818.02	27.32425
482893.25	3733818.02	20.16764	482943.25	3733818.02	15.59865
482443.25	3733868.02	57.25569	482493.25	3733868.02	99.89551
482543.25	3733868.02	189.92603	482593.25	3733868.02	226.66304
482643.25	3733868.02	152.00827	482693.25	3733868.02	87.21559
482743.25	3733868.02	53.53143	482793.25	3733868.02	35.82835
482843.25	3733868.02	25.60387	482893.25	3733868.02	19.23837
482943.25	3733868.02	15.02795	482443.25	3733918.02	49.64967
482493.25	3733918.02	77.24374	482543.25	3733918.02	111.33052

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL8 ***

INCLUDING SOURCE(S): VOL8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	112.46141	482643.25	3733918.02	88.59757
482693.25	3733918.02	62.67943	482743.25	3733918.02	43.18579
482793.25	3733918.02	30.96321	482843.25	3733918.02	23.16409
482893.25	3733918.02	17.93484	482943.25	3733918.02	14.28507
482443.25	3733968.02	42.31551	482493.25	3733968.02	58.34955
482543.25	3733968.02	71.60804	482593.25	3733968.02	68.56705

482643.25	3733968.02	57.86406	482693.25	3733968.02	45.96630
482743.25	3733968.02	34.76807	482793.25	3733968.02	26.34845
482843.25	3733968.02	20.47961	482893.25	3733968.02	16.32962
482943.25	3733968.02	13.29868	482443.25	3734018.02	35.34493
482493.25	3734018.02	44.51846	482543.25	3734018.02	49.75862
482593.25	3734018.02	46.78245	482643.25	3734018.02	40.96973
482693.25	3734018.02	34.72653	482743.25	3734018.02	28.16169
482793.25	3734018.02	22.43937	482843.25	3734018.02	18.00615
482893.25	3734018.02	14.70413	482943.25	3734018.02	12.21585
482443.25	3734068.02	29.38992	482543.25	3734068.02	36.64077
482593.25	3734068.02	34.26789	482643.25	3734068.02	30.71048
482693.25	3734068.02	27.05421	482743.25	3734068.02	23.03682
482793.25	3734068.02	19.16338	482843.25	3734068.02	15.85495
482893.25	3734068.02	13.21387	482943.25	3734068.02	11.15601
482892.62	3734119.10	11.89121	482890.86	3734165.72	10.84599
483293.79	3733983.61	4.65764	483293.79	3733953.70	4.70573
483291.15	3733924.67	4.77854	483288.52	3733895.63	4.85426
483290.28	3733876.28	4.86744	483292.91	3733839.33	4.90496
483293.79	3733801.50	4.96400	483294.67	3733761.91	5.01631
483293.79	3733731.11	5.06245	483292.91	3733691.52	5.09380
483366.82	3733657.21	4.30777	482888.22	3733310.58	13.49902
482936.60	3733311.46	11.91011	482701.70	3732858.38	4.80416
482735.14	3732855.74	4.86283	482796.72	3732857.50	5.01544
482876.78	3732853.98	5.09274	483291.61	3734034.07	4.57745
483292.66	3734144.74	4.24333	483291.61	3734180.41	4.13390
483292.66	3734216.08	4.00642	482984.24	3733971.65	11.33763
483018.86	3733972.70	10.02866	482953.55	3732830.91	4.87226
483022.71	3732831.43	4.74903			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL9 ***

INCLUDING SOURCE(S): VOL9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482443.25	3733568.02	15.33837	482493.25	3733568.02	19.06339
482543.25	3733568.02	24.24513	482593.25	3733568.02	31.54330
482643.25	3733568.02	41.75063	482693.25	3733568.02	55.62473
482743.25	3733568.02	73.87104	482793.25	3733568.02	92.19092
482843.25	3733568.02	91.82362	482893.25	3733568.02	70.44809
482943.25	3733568.02	48.33418	482443.25	3733618.02	16.68159
482493.25	3733618.02	21.24807	482543.25	3733618.02	28.04125
482593.25	3733618.02	38.64335	482643.25	3733618.02	55.88765
482693.25	3733618.02	84.07164	482743.25	3733618.02	127.86362
482793.25	3733618.02	175.10830	482843.25	3733618.02	147.85772
482893.25	3733618.02	88.55918	482943.25	3733618.02	53.41065
482443.25	3733668.02	17.72290	482493.25	3733668.02	23.01811

482543.25	3733668.02	31.32573	482593.25	3733668.02	45.49775
482643.25	3733668.02	72.59212	482693.25	3733668.02	132.36177
482743.25	3733668.02	275.69516	482793.25	3733668.02	460.98436
482843.25	3733668.02	226.54003	482893.25	3733668.02	100.56297
482943.25	3733668.02	56.45034	482443.25	3733718.02	18.26558
482493.25	3733718.02	23.95407	482543.25	3733718.02	33.12046
482593.25	3733718.02	49.50712	482643.25	3733718.02	83.93662
482693.25	3733718.02	180.21396	482743.25	3733718.02	680.77757
482793.25	3733718.02	1539.61320	482843.25	3733718.02	257.02980
482893.25	3733718.02	103.24854	482943.25	3733718.02	56.96347
482443.25	3733768.02	18.21198	482493.25	3733768.02	23.81990
482543.25	3733768.02	32.78259	482593.25	3733768.02	48.57585
482643.25	3733768.02	80.85423	482693.25	3733768.02	165.98199
482743.25	3733768.02	508.34044	482793.25	3733768.02	618.27552
482843.25	3733768.02	206.05624	482893.25	3733768.02	93.51528
482943.25	3733768.02	53.62809	482443.25	3733818.02	17.60882
482493.25	3733818.02	22.75649	482543.25	3733818.02	30.75552
482593.25	3733818.02	44.30059	482643.25	3733818.02	70.34702
482693.25	3733818.02	128.35300	482743.25	3733818.02	231.73849
482793.25	3733818.02	221.18584	482843.25	3733818.02	131.26262
482893.25	3733818.02	75.20498	482943.25	3733818.02	47.35898
482443.25	3733868.02	16.68397	482493.25	3733868.02	21.26671
482543.25	3733868.02	28.23430	482593.25	3733868.02	39.65589
482643.25	3733868.02	59.65034	482693.25	3733868.02	92.68129
482743.25	3733868.02	123.11386	482793.25	3733868.02	113.28817
482843.25	3733868.02	83.86392	482893.25	3733868.02	57.43236
482943.25	3733868.02	39.82411	482443.25	3733918.02	15.68583
482493.25	3733918.02	19.77412	482543.25	3733918.02	25.85522

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL9 ***

INCLUDING SOURCE(S): VOL9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
482593.25	3733918.02	35.20778	482643.25	3733918.02	49.19211
482693.25	3733918.02	66.33779	482743.25	3733918.02	76.03193
482793.25	3733918.02	69.83201	482843.25	3733918.02	57.05936
482893.25	3733918.02	43.83873	482943.25	3733918.02	32.92443
482443.25	3733968.02	14.74183	482493.25	3733968.02	18.39467
482543.25	3733968.02	23.57739	482593.25	3733968.02	30.78940
482643.25	3733968.02	39.94912	482693.25	3733968.02	48.75066
482743.25	3733968.02	51.88636	482793.25	3733968.02	47.89403
482843.25	3733968.02	41.21931	482893.25	3733968.02	34.00988
482943.25	3733968.02	27.21583	482443.25	3734018.02	13.86826
482493.25	3734018.02	17.06739	482543.25	3734018.02	21.29710
482593.25	3734018.02	26.60104	482643.25	3734018.02	32.45799

482693.25	3734018.02	37.04100	482743.25	3734018.02	37.88729
482793.25	3734018.02	35.18677	482843.25	3734018.02	31.23583
482893.25	3734018.02	26.95642	482943.25	3734018.02	22.62667
482443.25	3734068.02	13.02421	482543.25	3734068.02	19.06128
482593.25	3734068.02	22.87555	482643.25	3734068.02	26.61148
482693.25	3734068.02	29.02585	482743.25	3734068.02	29.02867
482793.25	3734068.02	27.11753	482843.25	3734068.02	24.56588
482893.25	3734068.02	21.83422	482943.25	3734068.02	18.97788
482892.62	3734119.10	17.99277	482890.86	3734165.72	15.34767
483293.79	3733983.61	7.35183	483293.79	3733953.70	7.55032
483291.15	3733924.67	7.78512	483288.52	3733895.63	8.00724
483290.28	3733876.28	8.06107	483292.91	3733839.33	8.16044
483293.79	3733801.50	8.29009	483294.67	3733761.91	8.41100
483293.79	3733731.11	8.52832	483292.91	3733691.52	8.62966
483366.82	3733657.21	6.92404	482888.22	3733310.58	19.14078
482936.60	3733311.46	18.95373	482701.70	3732858.38	4.68825
482735.14	3732855.74	4.80191	482796.72	3732857.50	5.05402
482876.78	3732853.98	5.28221	483291.61	3734034.07	7.02539
483292.66	3734144.74	6.16285	483291.61	3734180.41	5.91531
483292.66	3734216.08	5.65156	482984.24	3733971.65	22.32077
483018.86	3733972.70	19.13729	482953.55	3732830.91	5.23279
483022.71	3732831.43	5.33476			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	267.68807	(11112820)	482493.25	3733568.02	281.73928	(16103121)
482543.25	3733568.02	288.78370	(15123018)	482593.25	3733568.02	288.94207	(11111719)
482643.25	3733568.02	283.57389	(16080906)	482693.25	3733568.02	272.10647	(10080706)
482743.25	3733568.02	252.23033	(15081006)	482793.25	3733568.02	233.21255	(16030202)
482843.25	3733568.02	214.91055	(14042403)	482893.25	3733568.02	195.73623	(16022201)
482943.25	3733568.02	179.79610	(16012822)	482443.25	3733618.02	308.64974	(11072303)
482493.25	3733618.02	338.48211	(10012822)	482543.25	3733618.02	357.40201	(15080306)
482593.25	3733618.02	366.54454	(14120102)	482643.25	3733618.02	364.08921	(15052720)
482693.25	3733618.02	346.53756	(14112303)	482743.25	3733618.02	309.77463	(15042406)
482793.25	3733618.02	273.22087	(10121023)	482843.25	3733618.02	242.03140	(11111123)
482893.25	3733618.02	214.54092	(11102907)	482943.25	3733618.02	196.50272	(16012822)
482443.25	3733668.02	345.95272	(15052302)	482493.25	3733668.02	406.02122	(16110707)
482543.25	3733668.02	462.66256	(11011608)	482593.25	3733668.02	495.44472	(15080306)
482643.25	3733668.02	512.18030	(10120418)	482693.25	3733668.02	498.02284	(11010208)

482743.25	3733668.02	403.68361	(11030303)	482793.25	3733668.02	324.05131	(16012822)
482843.25	3733668.02	269.98480	(11033004)	482893.25	3733668.02	237.13427	(14110501)
482943.25	3733668.02	232.61127	(11110817)	482443.25	3733718.02	361.52985	(11053103)
482493.25	3733718.02	444.46321	(16020901)	482543.25	3733718.02	590.46681	(10042424)
482593.25	3733718.02	756.87336	(10101604)	482643.25	3733718.02	829.46379	(14062123)
482693.25	3733718.02	869.68829	(14032307)	482743.25	3733718.02	544.26981	(10052002)
482793.25	3733718.02	402.99014	(15120523)	482843.25	3733718.02	325.30036	(11122618)
482893.25	3733718.02	301.36976	(15032605)	482943.25	3733718.02	294.39375	(11102907)
482443.25	3733768.02	358.87780	(10051503)	482493.25	3733768.02	426.21216	(11042101)
482543.25	3733768.02	544.19482	(11021421)	482593.25	3733768.02	865.08363	(10030107)
482643.25	3733768.02	834.22728	(14020408)	482693.25	3733768.02	930.37829	(14020408)
482743.25	3733768.02	742.27093	(11091702)	482793.25	3733768.02	513.04386	(14020408)
482843.25	3733768.02	488.95173	(10102907)	482893.25	3733768.02	422.07032	(11033004)
482943.25	3733768.02	402.56238	(15051522)	482443.25	3733818.02	373.19638	(11060502)
482493.25	3733818.02	451.71582	(10110921)	482543.25	3733818.02	566.20265	(10020121)
482593.25	3733818.02	849.21123	(14020408)	482643.25	3733818.02	748.51914	(14020408)
482693.25	3733818.02	1041.08601	(15022224)	482743.25	3733818.02	1069.84055	(14020408)
482793.25	3733818.02	954.03345	(14020408)	482843.25	3733818.02	998.90069	(16080906)
482893.25	3733818.02	760.97794	(15021124)	482943.25	3733818.02	556.33931	(15011108)
482443.25	3733868.02	380.88022	(16101804)	482493.25	3733868.02	485.75350	(16122222)
482543.25	3733868.02	679.19876	(16121021)	482593.25	3733868.02	1138.91999	(11020519)
482643.25	3733868.02	966.32985	(14020408)	482693.25	3733868.02	1034.58744	(14020408)
482743.25	3733868.02	1126.78585	(14020408)	482793.25	3733868.02	1122.02969	(14020408)
482843.25	3733868.02	1244.43585	(14020408)	482893.25	3733868.02	1129.15166	(15031202)
482943.25	3733868.02	713.01612	(11081106)	482443.25	3733918.02	350.34939	(10122808)
482493.25	3733918.02	425.00755	(11042904)	482543.25	3733918.02	518.39145	(16012420)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000472 , L0000473 , L0000474 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	615.33016	(15080806)	482643.25	3733918.02	604.24996	(10010722)
482693.25	3733918.02	592.32170	(16110107)	482743.25	3733918.02	667.12620	(14102807)
482793.25	3733918.02	692.73599	(11111522)	482843.25	3733918.02	701.85754	(11020522)
482893.25	3733918.02	799.83461	(10011108)	482943.25	3733918.02	682.87640	(16102421)
482443.25	3733968.02	293.26526	(10041806)	482493.25	3733968.02	324.42953	(10013121)
482543.25	3733968.02	343.43449	(10021222)	482593.25	3733968.02	395.79377	(15042606)
482643.25	3733968.02	401.46943	(14102807)	482693.25	3733968.02	403.59369	(15042606)
482743.25	3733968.02	436.25316	(10110623)	482793.25	3733968.02	454.92485	(15042706)
482843.25	3733968.02	455.83983	(16021302)	482893.25	3733968.02	457.32329	(14112624)
482943.25	3733968.02	485.43988	(10011108)	482443.25	3734018.02	243.08850	(10021222)

482493.25	3734018.02	255.21870	(11010308)	482543.25	3734018.02	268.86837	(11042806)
482593.25	3734018.02	292.28603	(15042606)	482643.25	3734018.02	294.27084	(16010708)
482693.25	3734018.02	307.81008	(14080606)	482743.25	3734018.02	325.72834	(15020501)
482793.25	3734018.02	337.53397	(11032822)	482843.25	3734018.02	342.36884	(10081806)
482893.25	3734018.02	343.38830	(16121302)	482943.25	3734018.02	355.72882	(15030507)
482443.25	3734068.02	206.39495	(15051420)	482543.25	3734068.02	227.46787	(10042806)
482593.25	3734068.02	235.65301	(15042606)	482643.25	3734068.02	237.49032	(10033103)
482693.25	3734068.02	250.46133	(14080606)	482743.25	3734068.02	261.87325	(10042502)
482793.25	3734068.02	270.98382	(16011008)	482843.25	3734068.02	276.16944	(15042706)
482893.25	3734068.02	277.93712	(11111522)	482943.25	3734068.02	283.60608	(16121302)
482892.62	3734119.10	233.44040	(10103005)	482890.86	3734165.72	205.04045	(15042706)
483293.79	3733983.61	188.89499	(11091702)	483293.79	3733953.70	191.13624	(16103105)
483291.15	3733924.67	193.25349	(11060804)	483288.52	3733895.63	194.46953	(15012608)
483290.28	3733876.28	193.75495	(10102407)	483292.91	3733839.33	187.72119	(16111306)
483293.79	3733801.50	182.45703	(15020904)	483294.67	3733761.91	175.39988	(11052505)
483293.79	3733731.11	169.43707	(16041002)	483292.91	3733691.52	161.35429	(11112519)
483366.82	3733657.21	137.95708	(16081922)	482888.22	3733310.58	125.82602	(11091724)
482936.60	3733311.46	121.85072	(11051204)	482701.70	3732858.38	85.95776	(16012309)
482735.14	3732855.74	89.31503	(16012309)	482796.72	3732857.50	84.54448	(16012309)
482876.78	3732853.98	73.54210	(15042406)	483291.61	3734034.07	183.40735	(15032206)
483292.66	3734144.74	161.80708	(10011721)	483291.61	3734180.41	154.42308	(15012619)
483292.66	3734216.08	147.07885	(11020723)	482984.24	3733971.65	442.59430	(10042603)
483018.86	3733972.70	400.20742	(14110223)	482953.55	3732830.91	71.84818	(10111208)
483022.71	3732831.43	81.43073	(10111208)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	250.21190	(11011208)	482493.25	3733568.02	242.75329	(16111006)
482543.25	3733568.02	189.82554	(14080901)	482593.25	3733568.02	161.48389	(11030303)
482643.25	3733568.02	145.91583	(10032624)	482693.25	3733568.02	136.63896	(10031222)
482743.25	3733568.02	144.74777	(15020804)	482793.25	3733568.02	158.21263	(15052720)
482843.25	3733568.02	173.29532	(11010208)	482893.25	3733568.02	155.78085	(15081006)
482943.25	3733568.02	132.64174	(11051204)	482443.25	3733618.02	339.56096	(11011208)
482493.25	3733618.02	303.88263	(15081006)	482543.25	3733618.02	228.79669	(15100602)
482593.25	3733618.02	200.18709	(11030303)	482643.25	3733618.02	198.36745	(14020408)
482693.25	3733618.02	197.45855	(14020408)	482743.25	3733618.02	196.10972	(11012820)
482793.25	3733618.02	212.64793	(10031924)	482843.25	3733618.02	255.32530	(14080803)
482893.25	3733618.02	227.80690	(15042406)	482943.25	3733618.02	174.04535	(10022523)
482443.25	3733668.02	506.61419	(11020519)	482493.25	3733668.02	506.78950	(10111022)

482543.25	3733668.02	469.95010	(10111022)	482593.25	3733668.02	487.81667	(11020519)
482643.25	3733668.02	459.10566	(11110224)	482693.25	3733668.02	457.88824	(16110207)
482743.25	3733668.02	495.36188	(15120724)	482793.25	3733668.02	478.01841	(15020904)
482843.25	3733668.02	523.61853	(15020904)	482893.25	3733668.02	492.08551	(15020904)
482943.25	3733668.02	285.14300	(15122306)	482443.25	3733718.02	515.99778	(10080706)
482493.25	3733718.02	302.87935	(14020408)	482543.25	3733718.02	259.73096	(14020408)
482593.25	3733718.02	245.48266	(14020408)	482643.25	3733718.02	238.85963	(14020408)
482693.25	3733718.02	236.19052	(14020408)	482743.25	3733718.02	237.76228	(14020408)
482793.25	3733718.02	248.38798	(14020408)	482843.25	3733718.02	296.02811	(14020408)
482893.25	3733718.02	352.19362	(10032202)	482943.25	3733718.02	255.84977	(16103105)
482443.25	3733768.02	499.60688	(10080706)	482493.25	3733768.02	267.92465	(14020408)
482543.25	3733768.02	203.17634	(14020408)	482593.25	3733768.02	180.36462	(14020408)
482643.25	3733768.02	170.29407	(14020408)	482693.25	3733768.02	166.79951	(14020408)
482743.25	3733768.02	170.10036	(14020408)	482793.25	3733768.02	187.53784	(14020408)
482843.25	3733768.02	254.73799	(14020408)	482893.25	3733768.02	347.01587	(15042706)
482943.25	3733768.02	201.33502	(11102901)	482443.25	3733818.02	478.87290	(10080706)
482493.25	3733818.02	257.32524	(14020408)	482543.25	3733818.02	182.91310	(14020408)
482593.25	3733818.02	154.51366	(14020408)	482643.25	3733818.02	141.39741	(14020408)
482693.25	3733818.02	136.36968	(14020408)	482743.25	3733818.02	139.14461	(14020408)
482793.25	3733818.02	156.83401	(14020408)	482843.25	3733818.02	224.98244	(14020408)
482893.25	3733818.02	359.31772	(10080406)	482943.25	3733818.02	176.60696	(16021604)
482443.25	3733868.02	462.92865	(16030407)	482493.25	3733868.02	252.86539	(14020408)
482543.25	3733868.02	173.20159	(14020408)	482593.25	3733868.02	141.27754	(14020408)
482643.25	3733868.02	125.67655	(14020408)	482693.25	3733868.02	118.62173	(14020408)
482743.25	3733868.02	118.78761	(14020408)	482793.25	3733868.02	130.25566	(14020408)
482843.25	3733868.02	188.89790	(10042806)	482893.25	3733868.02	358.18806	(10123108)
482943.25	3733868.02	165.51676	(16021302)	482443.25	3733918.02	446.81495	(16030407)
482493.25	3733918.02	250.77040	(14020408)	482543.25	3733918.02	167.61664	(14020408)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***

INCLUDING SOURCE(S): L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 , L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 , L0000551 , L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	133.29383	(14020408)	482643.25	3733918.02	115.66465	(14020408)
482693.25	3733918.02	106.44928	(14020408)	482743.25	3733918.02	103.13754	(14020408)
482793.25	3733918.02	105.83663	(14020408)	482843.25	3733918.02	177.22429	(15011208)
482893.25	3733918.02	259.65333	(14011408)	482943.25	3733918.02	156.88802	(10081806)
482443.25	3733968.02	432.86349	(16030407)	482493.25	3733968.02	249.81055	(14020408)
482543.25	3733968.02	163.97244	(14020408)	482593.25	3733968.02	127.88797	(14020408)
482643.25	3733968.02	108.63186	(14020408)	482693.25	3733968.02	97.52684	(14020408)
482743.25	3733968.02	91.30311	(14020408)	482793.25	3733968.02	99.08498	(15042602)

482843.25	3733968.02	140.09382	(16110107)	482893.25	3733968.02	164.56172	(16010708)
482943.25	3733968.02	136.64747	(10102107)	482443.25	3734018.02	418.57607	(10121322)
482493.25	3734018.02	249.48135	(14020408)	482543.25	3734018.02	161.37893	(14020408)
482593.25	3734018.02	123.93817	(14020408)	482643.25	3734018.02	103.42380	(14020408)
482693.25	3734018.02	90.89399	(14020408)	482743.25	3734018.02	82.77735	(14020408)
482793.25	3734018.02	88.68706	(10020523)	482843.25	3734018.02	108.43396	(15042606)
482893.25	3734018.02	119.34692	(16050506)	482943.25	3734018.02	111.59083	(10080406)
482443.25	3734068.02	405.74907	(10121322)	482543.25	3734068.02	159.41705	(14020408)
482593.25	3734068.02	120.90262	(14020408)	482643.25	3734068.02	99.44395	(14020408)
482693.25	3734068.02	85.92473	(14020408)	482743.25	3734068.02	76.68967	(14020408)
482793.25	3734068.02	79.74666	(16040207)	482843.25	3734068.02	88.35206	(14080606)
482893.25	3734068.02	93.58483	(16050506)	482943.25	3734068.02	90.81083	(14032103)
482892.62	3734119.10	76.86420	(16102207)	482890.86	3734165.72	69.37733	(16060206)
483293.79	3733983.61	62.35808	(16102421)	483293.79	3733953.70	64.66138	(11102901)
483291.15	3733924.67	67.09134	(10021524)	483288.52	3733895.63	69.47078	(11102007)
483290.28	3733876.28	70.60117	(10032202)	483292.91	3733839.33	72.55160	(14112103)
483293.79	3733801.50	74.62878	(10110424)	483294.67	3733761.91	76.05673	(10110421)
483293.79	3733731.11	77.38425	(10102407)	483292.91	3733691.52	77.14619	(16111306)
483366.82	3733657.21	66.59533	(15122306)	482888.22	3733310.58	66.46908	(10111824)
482936.60	3733311.46	64.20853	(10111824)	482701.70	3732858.38	54.08951	(15042406)
482735.14	3732855.74	52.70680	(14080901)	482796.72	3732857.50	57.67395	(10111208)
482876.78	3732853.98	61.99290	(10111208)	483291.61	3734034.07	58.58902	(10011721)
483292.66	3734144.74	49.84089	(16110907)	483291.61	3734180.41	49.36920	(11022008)
483292.66	3734216.08	50.41666	(11022008)	482984.24	3733971.65	112.79281	(11111522)
483018.86	3733972.70	100.11257	(14051302)	482953.55	3732830.91	59.54237	(10100107)
483022.71	3732831.43	56.89994	(10100107)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***

INCLUDING SOURCE(S): L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	574.64884	(14080606)	482493.25	3733568.02	289.73847	(14020408)
482543.25	3733568.02	215.92228	(14020408)	482593.25	3733568.02	187.77735	(14020408)
482643.25	3733568.02	173.20980	(14020408)	482693.25	3733568.02	163.74830	(14020408)
482743.25	3733568.02	165.30791	(15020804)	482793.25	3733568.02	179.61123	(15052720)
482843.25	3733568.02	196.97369	(11010208)	482893.25	3733568.02	178.62516	(16111006)
482943.25	3733568.02	130.11392	(16110123)	482443.25	3733618.02	553.92082	(10032507)
482493.25	3733618.02	319.94902	(14020408)	482543.25	3733618.02	265.44031	(14020408)
482593.25	3733618.02	246.76581	(14020408)	482643.25	3733618.02	237.37394	(14020408)
482693.25	3733618.02	231.39089	(14020408)	482743.25	3733618.02	226.46605	(14020408)
482793.25	3733618.02	239.18678	(10031924)	482843.25	3733618.02	286.01643	(16080906)

482893.25	3733618.02	265.00954	(15081006)	482943.25	3733618.02	174.50262	(11112519)
482443.25	3733668.02	595.76040	(10032507)	482493.25	3733668.02	553.54439	(11020519)
482543.25	3733668.02	581.06353	(11060502)	482593.25	3733668.02	529.54289	(11060502)
482643.25	3733668.02	559.14137	(16110207)	482693.25	3733668.02	499.49569	(15020904)
482743.25	3733668.02	562.71865	(15020904)	482793.25	3733668.02	536.22402	(15020904)
482843.25	3733668.02	597.01465	(15020904)	482893.25	3733668.02	554.79020	(15122306)
482943.25	3733668.02	322.47979	(16123007)	482443.25	3733718.02	426.67642	(16102707)
482493.25	3733718.02	356.75704	(15103106)	482543.25	3733718.02	275.06407	(14032103)
482593.25	3733718.02	259.43016	(14020408)	482643.25	3733718.02	259.49089	(14020408)
482693.25	3733718.02	260.44296	(14020408)	482743.25	3733718.02	264.51771	(14020408)
482793.25	3733718.02	277.66293	(14020408)	482843.25	3733718.02	329.57033	(14020408)
482893.25	3733718.02	433.32824	(11020521)	482943.25	3733718.02	314.48897	(16030619)
482443.25	3733768.02	295.77065	(16102707)	482493.25	3733768.02	282.15258	(16110106)
482543.25	3733768.02	220.34866	(11111407)	482593.25	3733768.02	189.17540	(11052001)
482643.25	3733768.02	172.64810	(11122720)	482693.25	3733768.02	171.02094	(14020408)
482743.25	3733768.02	179.51596	(14020408)	482793.25	3733768.02	202.09845	(14020408)
482843.25	3733768.02	278.51218	(14020408)	482893.25	3733768.02	425.63793	(10103005)
482943.25	3733768.02	254.65808	(11031224)	482443.25	3733818.02	228.04452	(16102707)
482493.25	3733818.02	230.28838	(16010708)	482543.25	3733818.02	192.35888	(14102807)
482593.25	3733818.02	163.88019	(16011008)	482643.25	3733818.02	147.20445	(10010722)
482693.25	3733818.02	137.45037	(15042706)	482743.25	3733818.02	137.92627	(14020408)
482793.25	3733818.02	162.51224	(14020408)	482843.25	3733818.02	242.73273	(14020408)
482893.25	3733818.02	420.82160	(11122720)	482943.25	3733818.02	228.38420	(11020522)
482443.25	3733868.02	186.46735	(16081606)	482493.25	3733868.02	192.04339	(16050506)
482543.25	3733868.02	170.21435	(10102303)	482593.25	3733868.02	147.94539	(10011203)
482643.25	3733868.02	132.28642	(11042903)	482693.25	3733868.02	122.32623	(14110703)
482743.25	3733868.02	116.58611	(10102903)	482793.25	3733868.02	128.23668	(14020408)
482843.25	3733868.02	213.71699	(10042806)	482893.25	3733868.02	406.90227	(16011008)
482943.25	3733868.02	216.25903	(16021302)	482443.25	3733918.02	158.25856	(16081606)
482493.25	3733918.02	164.05805	(16102207)	482543.25	3733918.02	151.74663	(14011408)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE3 ***

INCLUDING SOURCE(S): L0000726 , L0000727 , L0000728 , L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 , L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 , L0000745 , L0000746 , L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 , L0000753 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	135.39474	(11111407)	482643.25	3733918.02	121.79334	(11032822)
482693.25	3733918.02	112.11912	(11122720)	482743.25	3733918.02	105.84080	(15042706)
482793.25	3733918.02	114.79711	(14081506)	482843.25	3733918.02	201.77587	(15011208)
482893.25	3733918.02	293.42611	(14011408)	482943.25	3733918.02	204.85195	(15010904)
482443.25	3733968.02	138.43701	(16060206)	482493.25	3733968.02	154.81247	(16060206)
482543.25	3733968.02	138.41460	(15052506)	482593.25	3733968.02	124.41825	(16050606)

482643.25	3733968.02	113.54679	(16011008)	482693.25	3733968.02	104.31119	(10010722)
482743.25	3733968.02	97.77610	(15042706)	482793.25	3733968.02	109.41073	(11042806)
482843.25	3733968.02	157.57873	(16110107)	482893.25	3733968.02	185.27205	(16010708)
482943.25	3733968.02	174.74840	(15042706)	482443.25	3734018.02	130.31561	(16060206)
482493.25	3734018.02	147.43587	(16060206)	482543.25	3734018.02	133.80787	(15052506)
482593.25	3734018.02	122.10304	(14030208)	482643.25	3734018.02	105.55558	(10011203)
482693.25	3734018.02	97.76114	(11032822)	482743.25	3734018.02	93.28802	(16100307)
482793.25	3734018.02	96.63425	(16112123)	482843.25	3734018.02	120.54204	(15042606)
482893.25	3734018.02	133.26710	(16050506)	482943.25	3734018.02	135.42502	(10010722)
482443.25	3734068.02	123.31729	(16060206)	482543.25	3734068.02	128.39612	(15052506)
482593.25	3734068.02	120.90657	(14030208)	482643.25	3734068.02	100.77783	(14030208)
482693.25	3734068.02	91.97384	(11052001)	482743.25	3734068.02	91.67430	(16100307)
482793.25	3734068.02	89.10681	(16100307)	482843.25	3734068.02	96.79835	(14080606)
482893.25	3734068.02	103.50278	(16050506)	482943.25	3734068.02	107.92021	(16011008)
482892.62	3734119.10	84.16842	(16102207)	482890.86	3734165.72	79.98214	(16100307)
483293.79	3733983.61	84.22014	(14022603)	483293.79	3733953.70	85.74821	(11101624)
483291.15	3733924.67	87.71329	(11102901)	483288.52	3733895.63	89.37865	(10021524)
483290.28	3733876.28	89.90519	(11020521)	483292.91	3733839.33	90.35770	(10061703)
483293.79	3733801.50	90.74764	(16103105)	483294.67	3733761.91	90.04432	(11102404)
483293.79	3733731.11	89.00782	(16102605)	483292.91	3733691.52	87.24902	(11081106)
483366.82	3733657.21	72.09193	(16111324)	482888.22	3733310.58	65.90959	(16102323)
482936.60	3733311.46	62.48396	(15042406)	482701.70	3732858.38	61.82185	(10111824)
482735.14	3732855.74	55.53860	(10052804)	482796.72	3732857.50	47.03122	(14112701)
482876.78	3732853.98	39.43186	(11102206)	483291.61	3734034.07	81.34182	(15012619)
483292.66	3734144.74	78.18653	(11022008)	483291.61	3734180.41	82.32049	(11022008)
483292.66	3734216.08	83.06761	(11022008)	482984.24	3733971.65	154.11181	(11111522)
483018.86	3733972.70	138.72027	(16110703)	482953.55	3732830.91	37.25257	(16021008)
483022.71	3732831.43	36.53882	(16021008)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	163.14202	(16071823)	482493.25	3733568.02	175.29739	(15090820)
482543.25	3733568.02	183.09731	(15090904)	482593.25	3733568.02	193.12244	(15090823)
482643.25	3733568.02	200.70441	(11080220)	482693.25	3733568.02	207.11013	(10082521)
482743.25	3733568.02	213.92655	(10082520)	482793.25	3733568.02	208.34694	(16072621)
482843.25	3733568.02	207.41350	(16062720)	482893.25	3733568.02	205.15680	(15062806)
482943.25	3733568.02	188.86318	(15101020)	482443.25	3733618.02	172.73865	(11090821)
482493.25	3733618.02	185.65567	(10100118)	482543.25	3733618.02	197.83064	(15090820)
482593.25	3733618.02	204.18755	(11080106)	482643.25	3733618.02	218.07734	(15090720)
482693.25	3733618.02	230.60850	(15060706)	482743.25	3733618.02	230.57607	(10082520)
482793.25	3733618.02	221.73697	(15091819)	482843.25	3733618.02	228.76574	(15062806)
482893.25	3733618.02	211.16091	(10090422)	482943.25	3733618.02	204.56465	(15102517)

482443.25	3733668.02	177.84877	(14103019)	482493.25	3733668.02	193.89341	(11090821)
482543.25	3733668.02	213.03803	(11070506)	482593.25	3733668.02	213.56431	(15090820)
482643.25	3733668.02	235.60284	(11060606)	482693.25	3733668.02	257.73117	(15060706)
482743.25	3733668.02	271.18215	(14112308)	482793.25	3733668.02	271.56025	(16051706)
482843.25	3733668.02	280.20387	(15062806)	482893.25	3733668.02	236.09513	(16012417)
482943.25	3733668.02	215.48156	(16072622)	482443.25	3733718.02	179.93711	(10080806)
482493.25	3733718.02	204.74157	(16071821)	482543.25	3733718.02	232.03077	(10070919)
482593.25	3733718.02	261.81817	(11070506)	482643.25	3733718.02	264.76119	(16092520)
482693.25	3733718.02	311.12799	(16062219)	482743.25	3733718.02	333.19063	(11101219)
482793.25	3733718.02	328.90232	(16051706)	482843.25	3733718.02	284.32892	(11092718)
482893.25	3733718.02	249.30662	(10071521)	482943.25	3733718.02	241.14500	(10021008)
482443.25	3733768.02	195.74370	(15101319)	482493.25	3733768.02	208.53742	(15101319)
482543.25	3733768.02	218.96197	(11080419)	482593.25	3733768.02	266.09888	(15091918)
482643.25	3733768.02	331.51100	(10080420)	482693.25	3733768.02	436.38025	(16070619)
482743.25	3733768.02	510.72019	(11101219)	482793.25	3733768.02	493.01446	(10071620)
482843.25	3733768.02	380.99707	(16072721)	482893.25	3733768.02	298.20540	(11082620)
482943.25	3733768.02	253.81087	(16092507)	482443.25	3733818.02	202.42518	(15070119)
482493.25	3733818.02	218.70642	(15070119)	482543.25	3733818.02	258.17730	(11092707)
482593.25	3733818.02	294.39554	(15040318)	482643.25	3733818.02	400.49271	(10032018)
482693.25	3733818.02	620.34912	(15030619)	482743.25	3733818.02	939.38151	(14100719)
482793.25	3733818.02	793.80234	(15101118)	482843.25	3733818.02	480.46423	(11062919)
482893.25	3733818.02	315.99758	(15030721)	482943.25	3733818.02	276.83108	(14111308)
482443.25	3733868.02	200.14823	(11080420)	482493.25	3733868.02	214.57951	(11080420)
482543.25	3733868.02	244.23747	(11092407)	482593.25	3733868.02	299.91964	(10093021)
482643.25	3733868.02	446.88585	(10093021)	482693.25	3733868.02	779.42232	(16110919)
482743.25	3733868.02	343.60099	(15061908)	482793.25	3733868.02	1038.36175	(14042601)
482843.25	3733868.02	509.25142	(11062522)	482893.25	3733868.02	339.08784	(10030218)
482943.25	3733868.02	270.71181	(11020417)	482443.25	3733918.02	202.95053	(14070720)
482493.25	3733918.02	227.76547	(16040807)	482543.25	3733918.02	272.01896	(16040807)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	284.96152	(10080720)	482643.25	3733918.02	410.77283	(10080521)
482693.25	3733918.02	620.76039	(16061019)	482743.25	3733918.02	957.78023	(15091118)
482793.25	3733918.02	758.03031	(11091320)	482843.25	3733918.02	452.93454	(10070606)
482893.25	3733918.02	318.73392	(11052202)	482943.25	3733918.02	254.76979	(15090619)
482443.25	3733968.02	198.60356	(14083119)	482493.25	3733968.02	208.94004	(10072020)
482543.25	3733968.02	255.18048	(11040418)	482593.25	3733968.02	262.71787	(15071419)
482643.25	3733968.02	315.79257	(11061622)	482693.25	3733968.02	423.10244	(15060819)
482743.25	3733968.02	510.27822	(10081619)	482793.25	3733968.02	449.00857	(15101818)
482843.25	3733968.02	364.47725	(15091518)	482893.25	3733968.02	269.17658	(10111922)
482943.25	3733968.02	225.02808	(14032018)	482443.25	3734018.02	188.88746	(15091919)

482493.25	3734018.02	210.34134	(15062419)	482543.25	3734018.02	227.94037	(14062819)
482593.25	3734018.02	254.77575	(14070719)	482643.25	3734018.02	298.16529	(11040618)
482693.25	3734018.02	306.80833	(16051606)	482743.25	3734018.02	324.52075	(10081619)
482793.25	3734018.02	325.18268	(10121816)	482843.25	3734018.02	312.36529	(11092807)
482893.25	3734018.02	258.20997	(10022508)	482943.25	3734018.02	213.05042	(11093022)
482443.25	3734068.02	183.31410	(15083019)	482543.25	3734068.02	217.55912	(14070719)
482593.25	3734068.02	229.35928	(16072319)	482643.25	3734068.02	243.77394	(10101007)
482693.25	3734068.02	263.72450	(16051606)	482743.25	3734068.02	279.30274	(15092707)
482793.25	3734068.02	265.39922	(10121816)	482843.25	3734068.02	244.69855	(15120508)
482893.25	3734068.02	220.84348	(14032607)	482943.25	3734068.02	210.75401	(11061006)
482892.62	3734119.10	211.73184	(14032607)	482890.86	3734165.72	189.14118	(10082204)
483293.79	3733983.61	145.21571	(10090405)	483293.79	3733953.70	147.16380	(10072522)
483291.15	3733924.67	150.83436	(16092523)	483288.52	3733895.63	146.75025	(15072003)
483290.28	3733876.28	150.47659	(16110821)	483292.91	3733839.33	150.92477	(16062702)
483293.79	3733801.50	152.64213	(16082921)	483294.67	3733761.91	149.77567	(11081421)
483293.79	3733731.11	147.28265	(15042821)	483292.91	3733691.52	146.63072	(14051522)
483366.82	3733657.21	136.19952	(14051522)	482888.22	3733310.58	148.93637	(16072723)
482936.60	3733311.46	144.95412	(16093021)	482701.70	3732858.38	94.87002	(15080423)
482735.14	3732855.74	93.67363	(15031120)	482796.72	3732857.50	94.96335	(15073021)
482876.78	3732853.98	93.51267	(16091923)	483291.61	3734034.07	149.20082	(10082602)
483292.66	3734144.74	142.26569	(14091123)	483291.61	3734180.41	140.73449	(15090919)
483292.66	3734216.08	138.93452	(15101019)	482984.24	3733971.65	223.05039	(10101717)
483018.86	3733972.70	203.18966	(10101717)	482953.55	3732830.91	90.98643	(14082722)
483022.71	3732831.43	89.74812	(16072723)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	188.38684	(15070120)	482493.25	3733568.02	194.07538	(14100919)
482543.25	3733568.02	203.87881	(11060606)	482593.25	3733568.02	212.49824	(11011517)
482643.25	3733568.02	223.93038	(15060706)	482693.25	3733568.02	225.75148	(10082520)
482743.25	3733568.02	223.52211	(16122216)	482793.25	3733568.02	240.91560	(15062806)
482843.25	3733568.02	210.14156	(10090120)	482893.25	3733568.02	199.59617	(14080719)
482943.25	3733568.02	188.57509	(15073120)	482443.25	3733618.02	199.07457	(11090821)
482493.25	3733618.02	216.79999	(11070506)	482543.25	3733618.02	220.05919	(15090904)
482593.25	3733618.02	228.85123	(14110717)	482643.25	3733618.02	269.05319	(15060706)
482693.25	3733618.02	267.32302	(14112308)	482743.25	3733618.02	270.66469	(16051706)
482793.25	3733618.02	269.16317	(15062806)	482843.25	3733618.02	234.64242	(15102517)
482893.25	3733618.02	213.50487	(15073120)	482943.25	3733618.02	203.49880	(16082920)
482443.25	3733668.02	206.43991	(16071821)	482493.25	3733668.02	232.57026	(10070919)
482543.25	3733668.02	266.75037	(11070506)	482593.25	3733668.02	277.17070	(14081419)
482643.25	3733668.02	315.00933	(14100318)	482693.25	3733668.02	338.49901	(14091420)
482743.25	3733668.02	317.12857	(10092518)	482793.25	3733668.02	284.96259	(15081621)

482843.25	3733668.02	244.28209	(15101218)	482893.25	3733668.02	232.17136	(10021008)
482943.25	3733668.02	210.84273	(16072221)	482443.25	3733718.02	206.69744	(10012517)
482493.25	3733718.02	227.24404	(15091918)	482543.25	3733718.02	265.90171	(10110219)
482593.25	3733718.02	353.64275	(10080420)	482643.25	3733718.02	458.21497	(10070119)
482693.25	3733718.02	528.86008	(14091420)	482743.25	3733718.02	475.52174	(14091419)
482793.25	3733718.02	359.71580	(10071421)	482843.25	3733718.02	287.54427	(16092507)
482893.25	3733718.02	238.78347	(16081719)	482943.25	3733718.02	223.67134	(16031518)
482443.25	3733768.02	224.36574	(11092707)	482493.25	3733768.02	264.13594	(11092707)
482543.25	3733768.02	309.23862	(15040318)	482593.25	3733768.02	454.02015	(10110417)
482643.25	3733768.02	689.81672	(11081419)	482693.25	3733768.02	994.73487	(11070219)
482743.25	3733768.02	711.70359	(16081320)	482793.25	3733768.02	445.26866	(11070604)
482843.25	3733768.02	297.64739	(10082522)	482893.25	3733768.02	267.87794	(14111308)
482943.25	3733768.02	240.24725	(11100407)	482443.25	3733818.02	216.56504	(11080420)
482493.25	3733818.02	252.10686	(11092407)	482543.25	3733818.02	323.72548	(10093021)
482593.25	3733818.02	483.35730	(10093021)	482643.25	3733818.02	935.85531	(16110919)
482693.25	3733818.02	0.00000	(00000000)	482743.25	3733818.02	856.72193	(14042601)
482793.25	3733818.02	457.77114	(10041218)	482843.25	3733818.02	314.88113	(10030218)
482893.25	3733818.02	264.26630	(11020417)	482943.25	3733818.02	225.81967	(11020417)
482443.25	3733868.02	237.15515	(16040807)	482493.25	3733868.02	278.24445	(16040807)
482543.25	3733868.02	304.89669	(10080720)	482593.25	3733868.02	440.60409	(10080521)
482643.25	3733868.02	693.31693	(16061019)	482693.25	3733868.02	980.35187	(14090718)
482743.25	3733868.02	700.39757	(14102417)	482793.25	3733868.02	416.03861	(10042019)
482843.25	3733868.02	299.06900	(15090619)	482893.25	3733868.02	240.65839	(15090619)
482943.25	3733868.02	231.54484	(10082519)	482443.25	3733918.02	213.20989	(15091919)
482493.25	3733918.02	261.78847	(11040418)	482543.25	3733918.02	268.21423	(15071419)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	333.27546	(11011624)	482643.25	3733918.02	462.68709	(15060819)
482693.25	3733918.02	513.11285	(14071319)	482743.25	3733918.02	427.28493	(10011617)
482793.25	3733918.02	343.73482	(15091419)	482843.25	3733918.02	250.85781	(10111922)
482893.25	3733918.02	226.91436	(14032018)	482943.25	3733918.02	211.02943	(10101717)
482443.25	3733968.02	212.01890	(15062419)	482493.25	3733968.02	233.76742	(16062419)
482543.25	3733968.02	248.69946	(14070719)	482593.25	3733968.02	298.49493	(11040618)
482643.25	3733968.02	320.16148	(16051606)	482693.25	3733968.02	324.51962	(11112308)
482743.25	3733968.02	302.85174	(15101818)	482793.25	3733968.02	297.15425	(11092807)
482843.25	3733968.02	260.82406	(10022508)	482893.25	3733968.02	210.11319	(10092920)
482943.25	3733968.02	215.55585	(11091707)	482443.25	3734018.02	201.29150	(15092419)
482493.25	3734018.02	214.34354	(14070719)	482543.25	3734018.02	238.49981	(16072519)
482593.25	3734018.02	251.72571	(10041518)	482643.25	3734018.02	255.61833	(11051506)
482693.25	3734018.02	271.76604	(11112308)	482743.25	3734018.02	272.75523	(10121816)
482793.25	3734018.02	248.29900	(14032607)	482843.25	3734018.02	224.06704	(16092718)

482893.25	3734018.02	210.63420	(14050419)	482943.25	3734018.02	194.18568	(11093022)
482443.25	3734068.02	188.96847	(14072520)	482543.25	3734068.02	210.09135	(16072519)
482593.25	3734068.02	219.27269	(15061106)	482643.25	3734068.02	241.81377	(15040207)
482693.25	3734068.02	243.26500	(15092707)	482743.25	3734068.02	226.26095	(11063006)
482793.25	3734068.02	224.54526	(11021808)	482843.25	3734068.02	208.93941	(14032607)
482893.25	3734068.02	201.68407	(16092718)	482943.25	3734068.02	186.61493	(14050419)
482892.62	3734119.10	177.29396	(16110420)	482890.86	3734165.72	171.24215	(15051906)
483293.79	3733983.61	139.76273	(10071603)	483293.79	3733953.70	136.66758	(10090405)
483291.15	3733924.67	138.47283	(14100705)	483288.52	3733895.63	142.39796	(10100120)
483290.28	3733876.28	142.07966	(16092523)	483292.91	3733839.33	140.77208	(16110821)
483293.79	3733801.50	140.37799	(16062702)	483294.67	3733761.91	139.80438	(11090502)
483293.79	3733731.11	144.38675	(16082921)	483292.91	3733691.52	140.27620	(11081421)
483366.82	3733657.21	128.58693	(15042821)	482888.22	3733310.58	152.42618	(15101221)
482936.60	3733311.46	151.03070	(16060321)	482701.70	3732858.38	99.22481	(15092524)
482735.14	3732855.74	99.51249	(15073021)	482796.72	3732857.50	98.03685	(15070303)
482876.78	3732853.98	97.59624	(14082722)	483291.61	3734034.07	137.73283	(15080523)
483292.66	3734144.74	129.02157	(14091123)	483291.61	3734180.41	130.48523	(15090919)
483292.66	3734216.08	128.91886	(15101019)	482984.24	3733971.65	191.07113	(10082604)
483018.86	3733972.70	184.01163	(15080621)	482953.55	3732830.91	93.80034	(16072723)
483022.71	3732831.43	91.95750	(16093021)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK3 ***

INCLUDING SOURCE(S): STCK3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	203.52294	(11060606)	482493.25	3733568.02	212.82082	(11011517)
482543.25	3733568.02	224.38596	(15060706)	482593.25	3733568.02	226.50543	(10082520)
482643.25	3733568.02	222.58721	(16122216)	482693.25	3733568.02	239.65549	(15062806)
482743.25	3733568.02	210.07203	(10090120)	482793.25	3733568.02	199.87587	(14080719)
482843.25	3733568.02	188.26709	(15073120)	482893.25	3733568.02	178.80988	(16062021)
482943.25	3733568.02	170.67563	(16061922)	482443.25	3733618.02	219.67611	(15090904)
482493.25	3733618.02	227.88117	(14110717)	482543.25	3733618.02	268.45591	(15060706)
482593.25	3733618.02	267.75918	(14112308)	482643.25	3733618.02	270.86548	(16051706)
482693.25	3733618.02	270.64660	(15062806)	482743.25	3733618.02	234.54543	(15102517)
482793.25	3733618.02	213.05956	(15073120)	482843.25	3733618.02	203.32252	(16082920)
482893.25	3733618.02	189.36151	(10082420)	482943.25	3733618.02	171.62977	(16083021)
482443.25	3733668.02	266.21224	(11070506)	482493.25	3733668.02	275.66378	(14081419)
482543.25	3733668.02	312.85633	(14100318)	482593.25	3733668.02	336.91916	(14091420)
482643.25	3733668.02	316.68028	(10092518)	482693.25	3733668.02	284.69254	(15081621)
482743.25	3733668.02	244.44929	(15101218)	482793.25	3733668.02	233.33160	(10021008)
482843.25	3733668.02	211.81585	(16072221)	482893.25	3733668.02	190.30306	(10082022)
482943.25	3733668.02	179.51074	(15080522)	482443.25	3733718.02	264.92568	(10110219)
482493.25	3733718.02	351.01810	(10080420)	482543.25	3733718.02	454.56125	(10070119)
482593.25	3733718.02	525.97347	(14091420)	482643.25	3733718.02	474.25932	(14091419)

482693.25	3733718.02	359.48562	(10071421)	482743.25	3733718.02	285.39163	(16092507)
482793.25	3733718.02	239.45760	(16081719)	482843.25	3733718.02	223.96461	(16031518)
482893.25	3733718.02	199.58682	(14111308)	482943.25	3733718.02	181.89091	(10082506)
482443.25	3733768.02	307.22456	(15040318)	482493.25	3733768.02	450.12382	(10110417)
482543.25	3733768.02	677.81819	(11081419)	482593.25	3733768.02	989.50979	(11070219)
482643.25	3733768.02	715.35940	(16081320)	482693.25	3733768.02	445.34289	(11070604)
482743.25	3733768.02	299.77025	(10082522)	482793.25	3733768.02	269.62786	(14111308)
482843.25	3733768.02	239.96513	(11100407)	482893.25	3733768.02	209.88068	(11100407)
482943.25	3733768.02	188.87219	(11090722)	482443.25	3733818.02	320.84730	(10093021)
482493.25	3733818.02	478.60250	(10093021)	482543.25	3733818.02	917.92562	(16110919)
482593.25	3733818.02	5.11610	(16092107)	482643.25	3733818.02	871.42583	(14042601)
482693.25	3733818.02	462.97959	(10041218)	482743.25	3733818.02	317.55389	(10030218)
482793.25	3733818.02	265.97531	(11020417)	482843.25	3733818.02	227.24324	(11020417)
482893.25	3733818.02	200.61112	(16110419)	482943.25	3733818.02	185.16725	(16110419)
482443.25	3733868.02	304.05263	(10080720)	482493.25	3733868.02	440.10163	(10080521)
482543.25	3733868.02	696.41996	(16061019)	482593.25	3733868.02	975.15229	(14090718)
482643.25	3733868.02	711.29443	(14102417)	482693.25	3733868.02	418.99267	(10042019)
482743.25	3733868.02	300.36001	(15090619)	482793.25	3733868.02	241.16505	(15090619)
482843.25	3733868.02	231.69050	(10082519)	482893.25	3733868.02	206.51626	(10082519)
482943.25	3733868.02	189.03593	(10092907)	482443.25	3733918.02	269.06098	(15071419)
482493.25	3733918.02	333.32045	(11011624)	482543.25	3733918.02	463.29626	(15060819)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK3 ***

INCLUDING SOURCE(S): STCK3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	514.34190	(14071319)	482643.25	3733918.02	429.81022	(10011617)
482693.25	3733918.02	345.92050	(15091419)	482743.25	3733918.02	252.57051	(10111922)
482793.25	3733918.02	227.15813	(14032018)	482843.25	3733918.02	211.25231	(10101717)
482893.25	3733918.02	194.83764	(10072006)	482943.25	3733918.02	177.34066	(15100821)
482443.25	3733968.02	250.42155	(14070719)	482493.25	3733968.02	300.21366	(11040618)
482543.25	3733968.02	320.71490	(16051606)	482593.25	3733968.02	323.91574	(11112308)
482643.25	3733968.02	303.94012	(15101818)	482693.25	3733968.02	299.07160	(11092807)
482743.25	3733968.02	261.74564	(10022508)	482793.25	3733968.02	210.20625	(10092920)
482843.25	3733968.02	215.96622	(11091707)	482893.25	3733968.02	192.78977	(10082604)
482943.25	3733968.02	174.79850	(16110922)	482443.25	3734018.02	236.83824	(16072519)
482493.25	3734018.02	251.42700	(10041518)	482543.25	3734018.02	256.97448	(11051506)
482593.25	3734018.02	271.70752	(11112308)	482643.25	3734018.02	273.52016	(10121816)
482693.25	3734018.02	247.90208	(14032607)	482743.25	3734018.02	224.29761	(15042518)
482793.25	3734018.02	210.93313	(14050419)	482843.25	3734018.02	194.50872	(11093022)
482893.25	3734018.02	184.84484	(11091707)	482943.25	3734018.02	168.65240	(15090919)
482443.25	3734068.02	211.36651	(16072519)	482543.25	3734068.02	241.80484	(15040207)
482593.25	3734068.02	244.90985	(15092707)	482643.25	3734068.02	227.11706	(11063006)
482693.25	3734068.02	225.19394	(11021808)	482743.25	3734068.02	209.73937	(14032607)

482793.25	3734068.02	202.12056	(16092718)	482843.25	3734068.02	186.95279	(14050419)
482893.25	3734068.02	171.64366	(11093022)	482943.25	3734068.02	168.77495	(15101019)
482892.62	3734119.10	170.48400	(16062722)	482890.86	3734165.72	162.94170	(11090520)
483293.79	3733983.61	123.76656	(10071603)	483293.79	3733953.70	124.74476	(10081501)
483291.15	3733924.67	126.86805	(10072522)	483288.52	3733895.63	128.67556	(10100120)
483290.28	3733876.28	127.56783	(11090606)	483292.91	3733839.33	128.04024	(16110821)
483293.79	3733801.50	126.31914	(16062702)	483294.67	3733761.91	125.87163	(16062702)
483293.79	3733731.11	129.44915	(16082921)	483292.91	3733691.52	127.34333	(11081421)
483366.82	3733657.21	117.23176	(11081421)	482888.22	3733310.58	147.03933	(10082524)
482936.60	3733311.46	142.21962	(15101222)	482701.70	3732858.38	98.15197	(16091923)
482735.14	3732855.74	97.53964	(10080323)	482796.72	3732857.50	96.79608	(14082722)
482876.78	3732853.98	95.47701	(11082823)	483291.61	3734034.07	125.83458	(10082602)
483292.66	3734144.74	119.50424	(10092821)	483291.61	3734180.41	118.19164	(14091123)
483292.66	3734216.08	115.17934	(15090919)	482984.24	3733971.65	162.99153	(16062921)
483018.86	3733972.70	164.24078	(16062921)	482953.55	3732830.91	91.23043	(14070524)
483022.71	3732831.43	89.40063	(15101220)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK4 ***

INCLUDING SOURCE(S): STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	205.17344	(10070919)	482493.25	3733568.02	218.32549	(11090821)
482543.25	3733568.02	252.21109	(11070506)	482593.25	3733568.02	270.59365	(11060606)
482643.25	3733568.02	299.40020	(10090518)	482693.25	3733568.02	313.49786	(14112308)
482743.25	3733568.02	300.76383	(15081520)	482793.25	3733568.02	270.33535	(15081621)
482843.25	3733568.02	240.09368	(11013017)	482893.25	3733568.02	233.56910	(10021008)
482943.25	3733568.02	213.61893	(16072221)	482443.25	3733618.02	207.17105	(11080419)
482493.25	3733618.02	226.94050	(15091918)	482543.25	3733618.02	268.18323	(16080219)
482593.25	3733618.02	329.72698	(10110217)	482643.25	3733618.02	421.62069	(14091606)
482693.25	3733618.02	480.22213	(14091420)	482743.25	3733618.02	431.33308	(15081521)
482793.25	3733618.02	336.66126	(16072721)	482843.25	3733618.02	281.55674	(11082620)
482893.25	3733618.02	241.69533	(16092507)	482943.25	3733618.02	218.01966	(16031518)
482443.25	3733668.02	219.80030	(15032418)	482493.25	3733668.02	233.48512	(11092707)
482543.25	3733668.02	291.04321	(10032018)	482593.25	3733668.02	444.14240	(16092519)
482643.25	3733668.02	631.13267	(11081419)	482693.25	3733668.02	848.31135	(11070219)
482743.25	3733668.02	643.26573	(14102217)	482793.25	3733668.02	429.85753	(10082124)
482843.25	3733668.02	299.61633	(10082522)	482893.25	3733668.02	276.82306	(14111308)
482943.25	3733668.02	230.33759	(14111308)	482443.25	3733718.02	218.16987	(16090219)
482493.25	3733718.02	241.06114	(16071120)	482543.25	3733718.02	316.83788	(14012318)
482593.25	3733718.02	517.59658	(15072919)	482643.25	3733718.02	892.62555	(10110218)
482693.25	3733718.02	346.79035	(15061908)	482743.25	3733718.02	916.33624	(15051119)
482793.25	3733718.02	461.38800	(15050619)	482843.25	3733718.02	314.09170	(10030218)
482893.25	3733718.02	275.10000	(11020417)	482943.25	3733718.02	235.27992	(11020417)
482443.25	3733768.02	231.30162	(15062219)	482493.25	3733768.02	269.90893	(16040807)

482543.25	3733768.02	309.30993	(10080720)	482593.25	3733768.02	465.41185	(11071020)
482643.25	3733768.02	763.59767	(16061019)	482693.25	3733768.02	1093.35042	(10040918)
482743.25	3733768.02	745.48442	(14041118)	482793.25	3733768.02	430.60339	(10051722)
482843.25	3733768.02	301.27955	(16010517)	482893.25	3733768.02	240.99443	(10082519)
482943.25	3733768.02	221.61245	(10082519)	482443.25	3733818.02	215.10783	(16071719)
482493.25	3733818.02	260.98880	(11040418)	482543.25	3733818.02	282.32680	(15071419)
482593.25	3733818.02	354.97877	(11061622)	482643.25	3733818.02	500.35215	(15060819)
482693.25	3733818.02	569.44920	(14071319)	482743.25	3733818.02	473.65227	(15091418)
482793.25	3733818.02	373.30360	(15091419)	482843.25	3733818.02	264.51225	(10032418)
482893.25	3733818.02	234.74284	(10101717)	482943.25	3733818.02	209.12016	(10072006)
482443.25	3733868.02	218.94631	(15062419)	482493.25	3733868.02	236.44471	(14062819)
482543.25	3733868.02	261.24855	(14070719)	482593.25	3733868.02	314.89664	(11040618)
482643.25	3733868.02	333.75995	(16073019)	482693.25	3733868.02	348.40234	(14071319)
482743.25	3733868.02	328.66482	(15101818)	482793.25	3733868.02	288.52028	(11092807)
482843.25	3733868.02	268.68106	(10022508)	482893.25	3733868.02	225.23404	(11091707)
482943.25	3733868.02	210.23551	(11091707)	482443.25	3733918.02	204.99429	(16062419)
482493.25	3733918.02	226.02149	(14070719)	482543.25	3733918.02	234.56106	(16072319)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK4 ***

INCLUDING SOURCE(S): STCK4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	257.52414	(10041518)	482643.25	3733918.02	264.39209	(11051506)
482693.25	3733918.02	283.66592	(11112308)	482743.25	3733918.02	283.24347	(10121816)
482793.25	3733918.02	262.48371	(14032607)	482843.25	3733918.02	234.81031	(15042518)
482893.25	3733918.02	210.10069	(14050419)	482943.25	3733918.02	192.45274	(11093022)
482443.25	3733968.02	190.56360	(16080220)	482493.25	3733968.02	206.20853	(16072319)
482543.25	3733968.02	221.80799	(16072519)	482593.25	3733968.02	221.37418	(11060306)
482643.25	3733968.02	246.77707	(15040207)	482693.25	3733968.02	249.49199	(15092707)
482743.25	3733968.02	230.38204	(11063006)	482793.25	3733968.02	227.52418	(11021808)
482843.25	3733968.02	212.13338	(14032607)	482893.25	3733968.02	203.33127	(15092218)
482943.25	3733968.02	187.49243	(14050419)	482443.25	3734018.02	178.48601	(15083119)
482493.25	3734018.02	191.89497	(10092720)	482543.25	3734018.02	196.71346	(10071721)
482593.25	3734018.02	204.99924	(16080319)	482643.25	3734018.02	217.91220	(15040207)
482693.25	3734018.02	218.77716	(15092707)	482743.25	3734018.02	206.11112	(11063006)
482793.25	3734018.02	205.83060	(10071523)	482843.25	3734018.02	191.66855	(15051906)
482893.25	3734018.02	182.43805	(16110420)	482943.25	3734018.02	176.31329	(15092218)
482443.25	3734068.02	168.91439	(10092720)	482543.25	3734068.02	181.97537	(16072520)
482593.25	3734068.02	186.36923	(11070821)	482643.25	3734068.02	191.73856	(10071720)
482693.25	3734068.02	189.57964	(15092707)	482743.25	3734068.02	186.46361	(16092719)
482793.25	3734068.02	188.93694	(11082722)	482843.25	3734068.02	173.80506	(14091620)
482893.25	3734068.02	172.23512	(10071504)	482943.25	3734068.02	164.50998	(10082503)
482892.62	3734119.10	165.04414	(14091620)	482890.86	3734165.72	163.68946	(14091620)
483293.79	3733983.61	133.23530	(14051424)	483293.79	3733953.70	135.48263	(11083022)

483291.15	3733924.67	138.74671	(15080523)	483288.52	3733895.63	140.10291	(10071603)
483290.28	3733876.28	139.78677	(10071603)	483292.91	3733839.33	137.92954	(14100705)
483293.79	3733801.50	141.93931	(10100120)	483294.67	3733761.91	138.23918	(15072003)
483293.79	3733731.11	141.44681	(14100222)	483292.91	3733691.52	142.23012	(16062702)
483366.82	3733657.21	130.56532	(11090502)	482888.22	3733310.58	164.40072	(16060321)
482936.60	3733311.46	162.02027	(10082524)	482701.70	3732858.38	108.34524	(15092524)
482735.14	3732855.74	109.00948	(15073021)	482796.72	3732857.50	107.37049	(16091923)
482876.78	3732853.98	105.73020	(14082722)	483291.61	3734034.07	133.13267	(14091123)
483292.66	3734144.74	127.05390	(15101019)	483291.61	3734180.41	121.88122	(11080422)
483292.66	3734216.08	118.93461	(10090323)	482984.24	3733971.65	174.75221	(11093022)
483018.86	3733972.70	164.95971	(15101019)	482953.55	3732830.91	102.33819	(11082823)
483022.71	3732831.43	99.83180	(14070524)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK5 ***

INCLUDING SOURCE(S): STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	320.09824	(15122708)	482493.25	3733568.02	379.41212	(10032107)
482543.25	3733568.02	460.15702	(11011008)	482593.25	3733568.02	564.51641	(11011608)
482643.25	3733568.02	701.61336	(15080306)	482693.25	3733568.02	857.43270	(16070706)
482743.25	3733568.02	1028.54214	(15080106)	482793.25	3733568.02	1110.97736	(11011208)
482843.25	3733568.02	1056.27353	(15080206)	482893.25	3733568.02	890.12722	(10121023)
482943.25	3733568.02	735.08537	(10010708)	482443.25	3733618.02	338.97248	(15022224)
482493.25	3733618.02	409.96268	(11053103)	482543.25	3733618.02	516.85367	(15122708)
482593.25	3733618.02	657.28365	(10032107)	482643.25	3733618.02	873.07140	(15121708)
482693.25	3733618.02	1191.07957	(15080306)	482743.25	3733618.02	1596.28406	(16122108)
482793.25	3733618.02	1870.56161	(11011208)	482843.25	3733618.02	1666.89366	(11120808)
482893.25	3733618.02	1270.57753	(10010708)	482943.25	3733618.02	927.65395	(15101807)
482443.25	3733668.02	353.77437	(10110921)	482493.25	3733668.02	434.74196	(10020121)
482543.25	3733668.02	554.04983	(11121108)	482593.25	3733668.02	732.73720	(11042101)
482643.25	3733668.02	1041.34456	(15122708)	482693.25	3733668.02	1624.27972	(10032107)
482743.25	3733668.02	2779.57941	(15080306)	482793.25	3733668.02	4187.17241	(15052906)
482843.25	3733668.02	3134.62400	(10122408)	482893.25	3733668.02	1808.84355	(16122908)
482943.25	3733668.02	1124.55577	(16020705)	482443.25	3733718.02	360.35206	(11042024)
482493.25	3733718.02	445.56644	(11042024)	482543.25	3733718.02	571.63934	(11042024)
482593.25	3733718.02	773.66906	(14121319)	482643.25	3733718.02	1137.92199	(14121319)
482693.25	3733718.02	1935.11996	(10111022)	482743.25	3733718.02	4464.92837	(16113008)
482793.25	3733718.02	15988.34150	(15060906)	482843.25	3733718.02	5690.55293	(10111908)
482893.25	3733718.02	2229.37199	(14071606)	482943.25	3733718.02	1247.78528	(15122306)
482443.25	3733768.02	361.95316	(10042406)	482493.25	3733768.02	445.60040	(10042406)
482543.25	3733768.02	566.60235	(11031507)	482593.25	3733768.02	759.27522	(11031507)
482643.25	3733768.02	1098.18056	(10122808)	482693.25	3733768.02	1769.87011	(10030124)
482743.25	3733768.02	3481.97642	(16011517)	482793.25	3733768.02	6541.81374	(15061306)
482843.25	3733768.02	4073.86227	(10011108)	482893.25	3733768.02	2018.71287	(16012808)

482943.25	3733768.02	1201.21483	(15010908)	482443.25	3733818.02	347.43231	(10122808)
482493.25	3733818.02	420.22221	(10041006)	482543.25	3733818.02	526.53627	(15040621)
482593.25	3733818.02	688.97871	(11080406)	482643.25	3733818.02	944.90783	(16121308)
482693.25	3733818.02	1350.18870	(11121208)	482743.25	3733818.02	1953.67497	(16101607)
482793.25	3733818.02	2411.53544	(15051506)	482843.25	3733818.02	2082.44388	(10010808)
482893.25	3733818.02	1458.20409	(10011708)	482943.25	3733818.02	1008.06273	(16011208)
482443.25	3733868.02	325.72605	(10041806)	482493.25	3733868.02	394.16809	(11080406)
482543.25	3733868.02	479.15449	(16121308)	482593.25	3733868.02	592.55376	(15050822)
482643.25	3733868.02	762.72017	(16123108)	482693.25	3733868.02	968.59116	(10012008)
482743.25	3733868.02	1198.54296	(10042806)	482793.25	3733868.02	1321.45425	(16102707)
482843.25	3733868.02	1241.33257	(10080406)	482893.25	3733868.02	1019.57869	(10011608)
482943.25	3733868.02	803.25646	(10011708)	482443.25	3733918.02	303.30751	(10012417)
482493.25	3733918.02	354.60259	(10052424)	482543.25	3733918.02	425.67944	(11010308)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK5 ***

INCLUDING SOURCE(S): STCK5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	508.96902	(16042306)	482643.25	3733918.02	610.92152	(16102607)
482693.25	3733918.02	723.08779	(10101707)	482743.25	3733918.02	823.92623	(10121508)
482793.25	3733918.02	862.55927	(16102707)	482843.25	3733918.02	839.01951	(16050606)
482893.25	3733918.02	746.36251	(10010808)	482943.25	3733918.02	631.75368	(16120608)
482443.25	3733968.02	277.43797	(15050822)	482493.25	3733968.02	319.77906	(11010308)
482543.25	3733968.02	371.72073	(16042306)	482593.25	3733968.02	425.54504	(16102607)
482643.25	3733968.02	491.84007	(16101807)	482693.25	3733968.02	557.11870	(16102107)
482743.25	3733968.02	607.21626	(11011808)	482793.25	3733968.02	624.25934	(11080706)
482843.25	3733968.02	614.62159	(14102307)	482893.25	3733968.02	563.97121	(15011908)
482943.25	3733968.02	507.34705	(10050406)	482443.25	3734018.02	255.38491	(11121208)
482493.25	3734018.02	287.26526	(16042306)	482543.25	3734018.02	322.53150	(15072706)
482593.25	3734018.02	362.40405	(14081506)	482643.25	3734018.02	404.12951	(14072506)
482693.25	3734018.02	440.97857	(11050706)	482743.25	3734018.02	471.57543	(16110107)
482793.25	3734018.02	480.64780	(11080706)	482843.25	3734018.02	476.44867	(14011408)
482893.25	3734018.02	451.60342	(10080406)	482943.25	3734018.02	414.52248	(10010808)
482443.25	3734068.02	230.89086	(16042306)	482543.25	3734068.02	281.54163	(10012008)
482593.25	3734068.02	312.07782	(16101607)	482643.25	3734068.02	340.00721	(16122508)
482693.25	3734068.02	364.10782	(10101807)	482743.25	3734068.02	380.71457	(15042606)
482793.25	3734068.02	385.61475	(11080706)	482843.25	3734068.02	379.29260	(14011408)
482893.25	3734068.02	366.71351	(10123108)	482943.25	3734068.02	344.25375	(10102107)
482892.62	3734119.10	306.75708	(16050606)	482890.86	3734165.72	264.23928	(14102807)
483293.79	3733983.61	192.11988	(10120419)	483293.79	3733953.70	199.74496	(16012808)
483291.15	3733924.67	205.97259	(10032801)	483288.52	3733895.63	214.08246	(11102007)
483290.28	3733876.28	215.90028	(11102007)	483292.91	3733839.33	219.41831	(14112103)
483293.79	3733801.50	222.90973	(11060804)	483294.67	3733761.91	228.21828	(10102407)
483293.79	3733731.11	226.55215	(16111306)	483292.91	3733691.52	226.52234	(15122306)

483366.82	3733657.21	185.18972	(15031202)	482888.22	3733310.58	282.33525	(16121008)
482936.60	3733311.46	272.01632	(15081206)	482701.70	3732858.38	102.69452	(16030407)
482735.14	3732855.74	104.10414	(10102907)	482796.72	3732857.50	106.71419	(16012309)
482876.78	3732853.98	102.29491	(11111307)	483291.61	3734034.07	182.86996	(16011208)
483292.66	3734144.74	157.96713	(10011108)	483291.61	3734180.41	148.82667	(11020522)
483292.66	3734216.08	147.99909	(11022008)	482984.24	3733971.65	446.71650	(16120608)
483018.86	3733972.70	400.75724	(14020708)	482953.55	3732830.91	98.25371	(15042406)
483022.71	3732831.43	95.59734	(15080206)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK6 ***

INCLUDING SOURCE(S): STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	318.95385	(15122708)	482493.25	3733568.02	378.86378	(10032107)
482543.25	3733568.02	458.88060	(11011008)	482593.25	3733568.02	561.65116	(11011608)
482643.25	3733568.02	697.29664	(15080306)	482693.25	3733568.02	851.06480	(16070706)
482743.25	3733568.02	1020.84275	(15080106)	482793.25	3733568.02	1100.63829	(11011208)
482843.25	3733568.02	1047.73655	(15080206)	482893.25	3733568.02	885.43252	(10072406)
482943.25	3733568.02	731.56690	(10010708)	482443.25	3733618.02	338.46007	(15022224)
482493.25	3733618.02	409.45596	(11053103)	482543.25	3733618.02	515.46136	(15122708)
482593.25	3733618.02	655.04510	(10032107)	482643.25	3733618.02	870.24868	(15121708)
482693.25	3733618.02	1179.97847	(15080306)	482743.25	3733618.02	1580.48639	(16122108)
482793.25	3733618.02	1845.89648	(11011208)	482843.25	3733618.02	1646.46258	(11120808)
482893.25	3733618.02	1258.34460	(10010708)	482943.25	3733618.02	922.78491	(15101807)
482443.25	3733668.02	353.78991	(10110921)	482493.25	3733668.02	434.25479	(10020121)
482543.25	3733668.02	554.22592	(11121108)	482593.25	3733668.02	730.87646	(11042101)
482643.25	3733668.02	1042.48426	(15122708)	482693.25	3733668.02	1611.14656	(11071706)
482743.25	3733668.02	2728.86813	(15080306)	482793.25	3733668.02	4093.12507	(15052906)
482843.25	3733668.02	3087.48767	(10122408)	482893.25	3733668.02	1799.71034	(16122908)
482943.25	3733668.02	1120.04534	(16111924)	482443.25	3733718.02	360.56638	(11042024)
482493.25	3733718.02	445.61420	(11042024)	482543.25	3733718.02	571.25580	(11042024)
482593.25	3733718.02	773.79495	(14121319)	482643.25	3733718.02	1137.92230	(11123022)
482693.25	3733718.02	1932.13946	(11020519)	482743.25	3733718.02	4441.47009	(11121108)
482793.25	3733718.02	17146.62900	(15060906)	482843.25	3733718.02	5617.75547	(10111908)
482893.25	3733718.02	2233.25815	(14071606)	482943.25	3733718.02	1247.20939	(15122306)
482443.25	3733768.02	361.76627	(10042406)	482493.25	3733768.02	446.29630	(10042406)
482543.25	3733768.02	568.02840	(11080606)	482593.25	3733768.02	762.09409	(11031507)
482643.25	3733768.02	1104.77242	(10122808)	482693.25	3733768.02	1777.59569	(10030124)
482743.25	3733768.02	3514.46570	(16011517)	482793.25	3733768.02	6737.02147	(15100207)
482843.25	3733768.02	4142.90617	(10011108)	482893.25	3733768.02	2023.45430	(16012808)
482943.25	3733768.02	1205.78759	(15010908)	482443.25	3733818.02	348.54475	(10122808)
482493.25	3733818.02	420.93283	(10122121)	482543.25	3733818.02	527.65680	(16012420)
482593.25	3733818.02	689.08341	(11080406)	482643.25	3733818.02	949.18459	(16121308)
482693.25	3733818.02	1361.33872	(11121208)	482743.25	3733818.02	1976.02893	(16101807)

482793.25	3733818.02	2450.17158 (15051506)	482843.25	3733818.02	2108.91713 (10012408)
482893.25	3733818.02	1468.04585 (10011708)	482943.25	3733818.02	1014.53800 (16011208)
482443.25	3733868.02	326.34277 (10030124)	482493.25	3733868.02	394.68339 (11080406)
482543.25	3733868.02	480.15321 (10012417)	482593.25	3733868.02	594.90877 (15050822)
482643.25	3733868.02	766.50676 (16123108)	482693.25	3733868.02	976.79580 (10012008)
482743.25	3733868.02	1210.16941 (10042806)	482793.25	3733868.02	1335.59298 (16102707)
482843.25	3733868.02	1253.45178 (10080406)	482893.25	3733868.02	1026.89075 (11010608)
482943.25	3733868.02	807.41452 (10011708)	482443.25	3733918.02	303.44252 (10012417)
482493.25	3733918.02	355.34876 (10052424)	482543.25	3733918.02	426.68675 (11010308)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK6 ***
INCLUDING SOURCE(S): STCK6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
482593.25	3733918.02	510.70067 (16042306)	482643.25	3733918.02	613.64918 (16102607)
482693.25	3733918.02	727.51574 (10101707)	482743.25	3733918.02	829.82913 (10121508)
482793.25	3733918.02	869.44169 (16102707)	482843.25	3733918.02	845.12064 (16050606)
482893.25	3733918.02	750.64687 (10010808)	482943.25	3733918.02	634.62298 (16120608)
482443.25	3733968.02	278.00826 (15050822)	482493.25	3733968.02	321.07485 (11010308)
482543.25	3733968.02	372.94543 (16042306)	482593.25	3733968.02	426.28681 (16102607)
482643.25	3733968.02	493.59348 (14081506)	482693.25	3733968.02	560.21147 (16102107)
482743.25	3733968.02	610.84344 (11011808)	482793.25	3733968.02	628.12452 (11080706)
482843.25	3733968.02	618.41779 (14102307)	482893.25	3733968.02	566.76291 (15011908)
482943.25	3733968.02	509.59825 (10050406)	482443.25	3734018.02	255.66895 (11121208)
482493.25	3734018.02	288.16951 (16042306)	482543.25	3734018.02	323.72976 (15072706)
482593.25	3734018.02	363.18458 (14081506)	482643.25	3734018.02	405.96491 (10101707)
482693.25	3734018.02	442.73521 (11050706)	482743.25	3734018.02	473.96946 (16110107)
482793.25	3734018.02	483.11700 (11080706)	482843.25	3734018.02	478.87941 (14011408)
482893.25	3734018.02	453.67073 (10080406)	482943.25	3734018.02	416.04043 (10010808)
482443.25	3734068.02	231.58361 (16042306)	482543.25	3734068.02	282.66311 (10012008)
482593.25	3734068.02	313.06408 (16101607)	482643.25	3734068.02	341.37711 (16122508)
482693.25	3734068.02	365.54109 (10101807)	482743.25	3734068.02	382.32758 (15042606)
482793.25	3734068.02	387.30716 (11080706)	482843.25	3734068.02	381.08043 (14011408)
482893.25	3734068.02	368.28637 (10123108)	482943.25	3734068.02	345.51551 (10102107)
482892.62	3734119.10	307.79779 (16050606)	482890.86	3734165.72	265.11061 (14102807)
483293.79	3733983.61	192.43120 (10120419)	483293.79	3733953.70	200.11731 (16012808)
483291.15	3733924.67	206.12000 (10032801)	483288.52	3733895.63	214.56440 (11102007)
483290.28	3733876.28	215.68819 (11102007)	483292.91	3733839.33	219.46076 (14112103)
483293.79	3733801.50	223.14531 (11102404)	483294.67	3733761.91	228.23634 (10102407)
483293.79	3733731.11	226.68695 (16111306)	483292.91	3733691.52	226.40091 (15122306)
483366.82	3733657.21	185.10732 (15031202)	482888.22	3733310.58	281.28763 (16121008)
482936.60	3733311.46	271.19413 (15081206)	482701.70	3732858.38	102.51101 (16030407)
482735.14	3732855.74	103.92860 (10102907)	482796.72	3732857.50	106.61991 (16012309)
482876.78	3732853.98	102.12356 (11111307)	483291.61	3734034.07	183.31592 (16011208)

483292.66	3734144.74	158.05062	(10011108)	483291.61	3734180.41	148.97988	(11020522)
483292.66	3734216.08	148.08014	(11022008)	482984.24	3733971.65	448.26833	(16120608)
483018.86	3733972.70	402.62412	(14020708)	482953.55	3732830.91	98.09138	(15042406)
483022.71	3732831.43	95.41892	(15080206)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL1 ***

INCLUDING SOURCE(S): VOL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	284.96018	(10101720)	482493.25	3733568.02	319.84988	(11012820)
482543.25	3733568.02	359.62037	(10010521)	482593.25	3733568.02	402.72357	(14120102)
482643.25	3733568.02	447.91002	(11111719)	482693.25	3733568.02	494.55032	(14032307)
482743.25	3733568.02	525.63187	(15011121)	482793.25	3733568.02	551.34146	(10102907)
482843.25	3733568.02	541.82210	(16111006)	482893.25	3733568.02	527.73660	(15080206)
482943.25	3733568.02	483.79675	(15032605)	482443.25	3733618.02	311.91766	(16051404)
482493.25	3733618.02	358.50938	(11011608)	482543.25	3733618.02	408.95121	(11012820)
482593.25	3733618.02	470.30435	(10052603)	482643.25	3733618.02	538.92990	(10110406)
482693.25	3733618.02	614.93170	(16122108)	482743.25	3733618.02	674.61290	(11072406)
482793.25	3733618.02	711.70812	(10080706)	482843.25	3733618.02	700.76439	(15081006)
482893.25	3733618.02	666.81709	(15081206)	482943.25	3733618.02	604.77018	(14010108)
482443.25	3733668.02	340.86684	(10032107)	482493.25	3733668.02	398.99784	(11011008)
482543.25	3733668.02	470.30174	(11011608)	482593.25	3733668.02	551.63665	(11112820)
482643.25	3733668.02	658.45324	(11122908)	482693.25	3733668.02	776.71799	(11011221)
482743.25	3733668.02	892.72382	(15080106)	482793.25	3733668.02	969.38640	(10073006)
482843.25	3733668.02	963.66989	(15081006)	482893.25	3733668.02	871.05046	(16110123)
482943.25	3733668.02	760.23449	(14051206)	482443.25	3733718.02	367.44911	(15122708)
482493.25	3733718.02	432.80529	(10042424)	482543.25	3733718.02	523.08465	(10111724)
482593.25	3733718.02	643.91116	(16051404)	482643.25	3733718.02	806.95586	(14062123)
482693.25	3733718.02	1036.83130	(11122908)	482743.25	3733718.02	1270.74545	(16122108)
482793.25	3733718.02	1438.63310	(11110507)	482843.25	3733718.02	1423.51586	(15042406)
482893.25	3733718.02	1238.83729	(14010108)	482943.25	3733718.02	989.65886	(10010108)
482443.25	3733768.02	386.21761	(11083104)	482493.25	3733768.02	465.80719	(15022224)
482543.25	3733768.02	576.85747	(11053103)	482593.25	3733768.02	740.79589	(15122708)
482643.25	3733768.02	982.09298	(11051801)	482693.25	3733768.02	1365.93389	(10012822)
482743.25	3733768.02	1940.61178	(16070706)	482793.25	3733768.02	2531.86438	(11102207)
482843.25	3733768.02	2473.51771	(16051106)	482893.25	3733768.02	1835.63702	(10122408)
482943.25	3733768.02	1295.48200	(15101807)	482443.25	3733818.02	401.85640	(16110207)
482493.25	3733818.02	488.96801	(11053101)	482543.25	3733818.02	615.93740	(10110921)
482593.25	3733818.02	812.70760	(14121619)	482643.25	3733818.02	1141.58421	(11042101)
482693.25	3733818.02	1799.16469	(15122708)	482743.25	3733818.02	3235.86031	(15121708)
482793.25	3733818.02	6335.47087	(14032307)	482843.25	3733818.02	5700.76546	(10072406)
482893.25	3733818.02	2869.44948	(10080206)	482943.25	3733818.02	1637.77138	(15011308)
482443.25	3733868.02	405.76082	(16121021)	482493.25	3733868.02	497.34788	(16121021)
482543.25	3733868.02	631.26667	(16121021)	482593.25	3733868.02	841.86378	(16121021)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482643.25	3733868.02	1210.70312	(16121021)	482693.25	3733868.02	1981.34218	(16121021)
482743.25	3733868.02	4257.47628	(16121021)	482793.25	3733868.02	23802.94594	(15012808)
482843.25	3733868.02	14856.84078	(15020108)	482893.25	3733868.02	3625.68858	(15020108)
482943.25	3733868.02	1796.99245	(15020108)	482443.25	3733918.02	405.03714	(11080606)
482493.25	3733918.02	491.98569	(11080606)	482543.25	3733918.02	622.48572	(11031507)
482593.25	3733918.02	825.08465	(10122808)	482643.25	3733918.02	1141.48687	(10122121)
482693.25	3733918.02	1768.33106	(10030107)	482743.25	3733918.02	3200.15963	(11010308)
482793.25	3733918.02	6347.24273	(11101707)	482843.25	3733918.02	5717.68931	(10050406)
482893.25	3733918.02	2857.81577	(16011208)	482943.25	3733918.02	1619.32023	(10021524)
482443.25	3733968.02	386.16093	(15110819)	482493.25	3733968.02	465.69256	(10041006)
482543.25	3733968.02	576.69037	(15040621)	482593.25	3733968.02	744.64791	(11080406)
482643.25	3733968.02	994.96291	(16121308)	482693.25	3733968.02	1386.97217	(11121208)
482743.25	3733968.02	1955.31801	(14081506)	482793.25	3733968.02	2543.98095	(15121508)
482843.25	3733968.02	2464.05192	(16011008)	482893.25	3733968.02	1830.72128	(16120608)
482943.25	3733968.02	1297.98342	(10122108)	482443.25	3734018.02	364.60218	(10041806)
482493.25	3734018.02	437.45264	(11080406)	482543.25	3734018.02	526.05981	(10012417)
482593.25	3734018.02	643.88472	(15050822)	482643.25	3734018.02	815.85989	(16123108)
482693.25	3734018.02	1034.12535	(16102607)	482743.25	3734018.02	1280.00343	(16122508)
482793.25	3734018.02	1448.70598	(16051406)	482843.25	3734018.02	1434.83203	(14102307)
482893.25	3734018.02	1228.96386	(10012408)	482943.25	3734018.02	985.87983	(14020608)
482443.25	3734068.02	339.68261	(10012417)	482543.25	3734068.02	469.86956	(11010308)
482593.25	3734068.02	558.40578	(16123108)	482643.25	3734068.02	656.85236	(16102607)
482693.25	3734068.02	786.45596	(16101607)	482743.25	3734068.02	898.07536	(11050706)
482793.25	3734068.02	971.51631	(14080606)	482843.25	3734068.02	964.14019	(14011408)
482893.25	3734068.02	874.16600	(15011908)	482943.25	3734068.02	765.50710	(10011608)
482892.62	3734119.10	664.94029	(10080406)	482890.86	3734165.72	527.85115	(10042306)
483293.79	3733983.61	270.67936	(16030619)	483293.79	3733953.70	275.95233	(10110424)
483291.15	3733924.67	282.83689	(15012608)	483288.52	3733895.63	289.14217	(11122108)
483290.28	3733876.28	286.33496	(11081106)	483292.91	3733839.33	281.82504	(16123007)
483293.79	3733801.50	278.49114	(11110224)	483294.67	3733761.91	271.72856	(16041002)
483293.79	3733731.11	267.20006	(11112519)	483292.91	3733691.52	262.19117	(15011308)
483366.82	3733657.21	211.56340	(15011308)	482888.22	3733310.58	228.58139	(15081006)
482936.60	3733311.46	224.07687	(16121008)	482701.70	3732858.38	98.47000	(11031424)
482735.14	3732855.74	99.71293	(10102907)	482796.72	3732857.50	106.00972	(16012309)
482876.78	3732853.98	115.96809	(16012309)	483291.61	3734034.07	262.17488	(11020521)
483292.66	3734144.74	231.67039	(16011208)	483291.61	3734180.41	221.20673	(10042603)
483292.66	3734216.08	210.38654	(14112304)	482984.24	3733971.65	981.71530	(16011208)
483018.86	3733972.70	791.76329	(10120419)	482953.55	3732830.91	95.64168	(15081006)
483022.71	3732831.43	92.99045	(11071802)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL10 ***

INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	325.66333	(10042424)	482493.25	3733568.02	388.68103	(10111724)
482543.25	3733568.02	471.15626	(15121708)	482593.25	3733568.02	577.97385	(14062123)
482643.25	3733568.02	723.12674	(11122908)	482693.25	3733568.02	868.91889	(16122108)
482743.25	3733568.02	993.85082	(11102207)	482793.25	3733568.02	1009.68948	(15081006)
482843.25	3733568.02	913.04312	(11120808)	482893.25	3733568.02	771.62049	(10122408)
482943.25	3733568.02	626.51035	(11080306)	482443.25	3733618.02	350.26601	(11021421)
482493.25	3733618.02	426.85504	(10103107)	482543.25	3733618.02	533.70803	(10042424)
482593.25	3733618.02	693.67619	(11011008)	482643.25	3733618.02	915.38120	(10101720)
482693.25	3733618.02	1242.05098	(11122908)	482743.25	3733618.02	1578.79886	(11072406)
482793.25	3733618.02	1639.39329	(14072106)	482843.25	3733618.02	1353.75363	(14051206)
482893.25	3733618.02	1021.97242	(11080306)	482943.25	3733618.02	762.65863	(10080206)
482443.25	3733668.02	367.74584	(10110921)	482493.25	3733668.02	455.36834	(11092306)
482543.25	3733668.02	589.95330	(11121108)	482593.25	3733668.02	790.04421	(11021421)
482643.25	3733668.02	1156.31631	(15122708)	482693.25	3733668.02	1820.68342	(15121708)
482743.25	3733668.02	2888.17664	(16110607)	482793.25	3733668.02	3241.40759	(16051106)
482843.25	3733668.02	2124.53223	(10012508)	482893.25	3733668.02	1322.86004	(10010208)
482943.25	3733668.02	892.26270	(15011308)	482443.25	3733718.02	374.99221	(11042024)
482493.25	3733718.02	468.53542	(11042024)	482543.25	3733718.02	609.62977	(11042024)
482593.25	3733718.02	842.63533	(14121319)	482643.25	3733718.02	1278.41340	(11123022)
482693.25	3733718.02	2279.21146	(11020519)	482743.25	3733718.02	5317.95310	(11121108)
482793.25	3733718.02	6375.25384	(14100207)	482843.25	3733718.02	2922.86008	(14071606)
482893.25	3733718.02	1500.07745	(15122306)	482943.25	3733718.02	949.29728	(16123007)
482443.25	3733768.02	376.45664	(10042406)	482493.25	3733768.02	467.70159	(11080606)
482543.25	3733768.02	604.78283	(11031507)	482593.25	3733768.02	829.34397	(10122808)
482643.25	3733768.02	1209.58838	(10041006)	482693.25	3733768.02	2047.81935	(10020908)
482743.25	3733768.02	3810.89221	(15052306)	482793.25	3733768.02	4420.70346	(11101307)
482843.25	3733768.02	2481.08278	(16011208)	482893.25	3733768.02	1412.02581	(11102007)
482943.25	3733768.02	920.49891	(15010908)	482443.25	3733818.02	357.32602	(15110819)
482493.25	3733818.02	438.48195	(11072302)	482543.25	3733818.02	554.59840	(10030124)
482593.25	3733818.02	734.29863	(10020908)	482643.25	3733818.02	998.64122	(15050822)
482693.25	3733818.02	1430.90752	(15072706)	482743.25	3733818.02	1931.08192	(11050706)
482793.25	3733818.02	2047.71473	(14102307)	482843.25	3733818.02	1598.07080	(16120608)
482893.25	3733818.02	1126.04037	(10122108)	482943.25	3733818.02	800.51266	(14110223)
482443.25	3733868.02	335.57389	(10030107)	482493.25	3733868.02	405.39629	(10020908)
482543.25	3733868.02	497.90570	(16121308)	482593.25	3733868.02	624.96124	(11010308)
482643.25	3733868.02	787.27469	(10050206)	482693.25	3733868.02	992.01154	(16101607)
482743.25	3733868.02	1165.72373	(11011808)	482793.25	3733868.02	1193.93110	(16010708)
482843.25	3733868.02	1056.37319	(10010808)	482893.25	3733868.02	851.95659	(14020608)
482943.25	3733868.02	673.60136	(10011108)	482443.25	3733918.02	312.88212	(16121308)

482493.25 3733918.02 363.07881 (15050822) 482543.25 3733918.02 436.25126 (11121208)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL10 ***

INCLUDING SOURCE(S): VOL10 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	519.24640	(10050206)	482643.25	3733918.02	618.20333	(14081506)
482693.25	3733918.02	720.34283	(10080106)	482743.25	3733918.02	792.49744	(16101907)
482793.25	3733918.02	805.33848	(16050506)	482843.25	3733918.02	744.49277	(10080406)
482893.25	3733918.02	652.16815	(10050406)	482943.25	3733918.02	546.47110	(14020608)
482443.25	3733968.02	283.19658	(11010308)	482493.25	3733968.02	327.47891	(11121208)
482543.25	3733968.02	376.44742	(10050206)	482593.25	3733968.02	432.13474	(10012008)
482643.25	3733968.02	493.26136	(10101707)	482693.25	3733968.02	546.35063	(11050706)
482743.25	3733968.02	581.55889	(16051406)	482793.25	3733968.02	590.10666	(16102207)
482843.25	3733968.02	560.37082	(10123108)	482893.25	3733968.02	512.98771	(10010808)
482943.25	3733968.02	451.81418	(11010608)	482443.25	3734018.02	256.47109	(16123108)
482493.25	3734018.02	289.73403	(10050206)	482543.25	3734018.02	325.65255	(16102607)
482593.25	3734018.02	363.74295	(16101807)	482643.25	3734018.02	402.38126	(16122508)
482693.25	3734018.02	434.38748	(10121508)	482743.25	3734018.02	453.04588	(14080606)
482793.25	3734018.02	456.65734	(16101507)	482843.25	3734018.02	442.52654	(16050606)
482893.25	3734018.02	409.89701	(10102107)	482943.25	3734018.02	375.81429	(10081806)
482443.25	3734068.02	232.35406	(10050206)	482543.25	3734068.02	283.15721	(14081506)
482593.25	3734068.02	308.35440	(10101707)	482643.25	3734068.02	333.70890	(10042806)
482693.25	3734068.02	353.37376	(10051506)	482743.25	3734068.02	365.53855	(14080606)
482793.25	3734068.02	368.04474	(16101507)	482843.25	3734068.02	359.31365	(14102307)
482893.25	3734068.02	340.50247	(10080406)	482943.25	3734068.02	318.41654	(10010808)
482892.62	3734119.10	286.50076	(16011008)	482890.86	3734165.72	246.07223	(10042306)
483293.79	3733983.61	175.59780	(16102421)	483293.79	3733953.70	182.43631	(16012808)
483291.15	3733924.67	187.43399	(10021524)	483288.52	3733895.63	195.35957	(11102007)
483290.28	3733876.28	195.77996	(10042506)	483292.91	3733839.33	198.52439	(16103105)
483293.79	3733801.50	201.64035	(11102404)	483294.67	3733761.91	205.92486	(10102407)
483293.79	3733731.11	204.41485	(11081106)	483292.91	3733691.52	204.44060	(15122306)
483366.82	3733657.21	168.73029	(15031202)	482888.22	3733310.58	266.75421	(15080206)
482936.60	3733311.46	251.54895	(11091724)	482701.70	3732858.38	100.98491	(10080706)
482735.14	3732855.74	100.96169	(11011208)	482796.72	3732857.50	107.58907	(16012309)
482876.78	3732853.98	98.38395	(16112222)	483291.61	3734034.07	168.81145	(16011208)
483292.66	3734144.74	145.64126	(10122108)	483291.61	3734180.41	140.64313	(10011108)
483292.66	3734216.08	139.01016	(11022008)	482984.24	3733971.65	398.22391	(14020608)
483018.86	3733972.70	359.14714	(10011708)	482953.55	3732830.91	93.27636	(11071802)
483022.71	3732831.43	92.59323	(10111208)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL2 ***

INCLUDING SOURCE(S): VOL2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	329.35236	(15080306)	482493.25	3733568.02	368.06687	(10052603)
482543.25	3733568.02	412.06250	(15020804)	482593.25	3733568.02	457.30518	(10101603)
482643.25	3733568.02	503.04479	(14032307)	482693.25	3733568.02	530.80314	(11102207)
482743.25	3733568.02	549.89816	(11011208)	482793.25	3733568.02	545.37199	(15081006)
482843.25	3733568.02	519.68654	(16051106)	482893.25	3733568.02	475.65499	(10021322)
482943.25	3733568.02	431.69655	(14051206)	482443.25	3733618.02	366.12092	(10101720)
482493.25	3733618.02	422.29405	(15080306)	482543.25	3733618.02	486.79877	(11122908)
482593.25	3733618.02	553.05378	(10120418)	482643.25	3733618.02	621.86027	(15052720)
482693.25	3733618.02	677.08891	(16011722)	482743.25	3733618.02	714.08081	(11011208)
482793.25	3733618.02	698.12243	(15081006)	482843.25	3733618.02	647.87594	(14110501)
482893.25	3733618.02	587.71776	(10072406)	482943.25	3733618.02	519.59656	(10122408)
482443.25	3733668.02	409.82346	(11011008)	482493.25	3733668.02	486.54105	(11011608)
482543.25	3733668.02	571.42988	(15080306)	482593.25	3733668.02	690.88548	(11122908)
482643.25	3733668.02	800.48668	(11102120)	482693.25	3733668.02	920.76010	(16080906)
482743.25	3733668.02	980.18363	(11011208)	482793.25	3733668.02	945.22185	(15042406)
482843.25	3733668.02	849.39571	(16030202)	482893.25	3733668.02	730.76621	(14042403)
482943.25	3733668.02	615.94174	(10010708)	482443.25	3733718.02	448.46293	(10060424)
482493.25	3733718.02	544.48034	(11051801)	482543.25	3733718.02	680.04396	(15121708)
482593.25	3733718.02	846.45417	(11012820)	482643.25	3733718.02	1067.50613	(14120102)
482693.25	3733718.02	1317.93833	(14032307)	482743.25	3733718.02	1467.43240	(10102907)
482793.25	3733718.02	1406.31993	(15080206)	482843.25	3733718.02	1170.25579	(10121023)
482893.25	3733718.02	944.75274	(10010708)	482943.25	3733718.02	739.41711	(10052602)
482443.25	3733768.02	485.31486	(11021421)	482493.25	3733768.02	604.33647	(11101705)
482543.25	3733768.02	778.06049	(10042424)	482593.25	3733768.02	1059.21644	(11011008)
482643.25	3733768.02	1465.37792	(11112820)	482693.25	3733768.02	2070.01225	(11011221)
482743.25	3733768.02	2600.92262	(10073006)	482793.25	3733768.02	2329.88079	(16110123)
482843.25	3733768.02	1729.59036	(10010708)	482893.25	3733768.02	1215.72514	(10122508)
482943.25	3733768.02	876.26109	(10052002)	482443.25	3733818.02	510.68265	(11053101)
482493.25	3733818.02	649.08918	(10020121)	482543.25	3733818.02	869.65285	(11121108)
482593.25	3733818.02	1235.21600	(15022224)	482643.25	3733818.02	1983.94030	(15122708)
482693.25	3733818.02	3652.28925	(10012822)	482743.25	3733818.02	6885.12989	(14020617)
482793.25	3733818.02	4992.40650	(10122408)	482843.25	3733818.02	2507.02740	(15060106)
482893.25	3733818.02	1499.60484	(15011308)	482943.25	3733818.02	993.63198	(15021124)
482443.25	3733868.02	519.99679	(16121021)	482493.25	3733868.02	665.63368	(16121021)
482543.25	3733868.02	898.83317	(16121021)	482593.25	3733868.02	1318.89317	(16121021)
482643.25	3733868.02	2241.43258	(16121021)	482693.25	3733868.02	5296.93688	(16121021)
482743.25	3733868.02	40372.10329	(15012808)	482793.25	3733868.02	9907.33423	(15020108)
482843.25	3733868.02	3056.00275	(15020108)	482893.25	3733868.02	1615.52191	(15020108)
482943.25	3733868.02	1043.88468	(15020108)	482443.25	3733918.02	513.75756	(11031507)
482493.25	3733918.02	652.93813	(11031507)	482543.25	3733918.02	877.51775	(10122808)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL2 ***

INCLUDING SOURCE(S): VOL2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	1234.70046	(10041006)	482643.25	3733918.02	1985.07416	(11080406)
482693.25	3733918.02	3717.18854	(11121208)	482743.25	3733918.02	6864.65798	(15121508)
482793.25	3733918.02	4984.69965	(16120608)	482843.25	3733918.02	2503.41850	(16011208)
482893.25	3733918.02	1476.17684	(16070506)	482943.25	3733918.02	1002.80912	(15010908)
482443.25	3733968.02	485.05916	(11072302)	482493.25	3733968.02	604.43146	(10030124)
482543.25	3733968.02	786.67116	(11080406)	482593.25	3733968.02	1045.77586	(10052424)
482643.25	3733968.02	1484.05754	(16123108)	482693.25	3733968.02	2100.84624	(16101607)
482743.25	3733968.02	2601.73302	(14010808)	482793.25	3733968.02	2355.51048	(15011908)
482843.25	3733968.02	1710.50430	(16071206)	482893.25	3733968.02	1198.08201	(14112304)
482943.25	3733968.02	876.29065	(14022603)	482443.25	3734018.02	451.45779	(11080406)
482493.25	3734018.02	551.13260	(16121308)	482543.25	3734018.02	672.08989	(11010308)
482593.25	3734018.02	857.00084	(16042306)	482643.25	3734018.02	1067.14462	(16042305)
482693.25	3734018.02	1322.64453	(10042806)	482743.25	3734018.02	1465.37036	(16080406)
482793.25	3734018.02	1390.24528	(10123108)	482843.25	3734018.02	1186.84636	(10050406)
482893.25	3734018.02	942.26532	(14020708)	482943.25	3734018.02	747.51404	(10122108)
482443.25	3734068.02	407.53161	(14040421)	482543.25	3734068.02	577.33279	(16042306)
482593.25	3734068.02	689.00966	(16102607)	482643.25	3734068.02	810.83085	(10101707)
482693.25	3734068.02	921.35073	(10101807)	482743.25	3734068.02	977.48121	(16102707)
482793.25	3734068.02	954.22885	(14102307)	482843.25	3734068.02	856.55473	(15042706)
482893.25	3734068.02	738.86506	(11010608)	482943.25	3734068.02	618.88560	(14020708)
482892.62	3734119.10	588.10342	(16121808)	482890.86	3734165.72	487.94763	(15042706)
483293.79	3733983.61	231.79969	(16103105)	483293.79	3733953.70	235.08003	(11060804)
483291.15	3733924.67	241.45245	(15012608)	483288.52	3733895.63	245.08529	(11122108)
483290.28	3733876.28	241.76520	(11081106)	483292.91	3733839.33	239.39013	(16123007)
483293.79	3733801.50	236.71028	(15031202)	483294.67	3733761.91	235.19939	(15011108)
483293.79	3733731.11	228.99965	(10011720)	483292.91	3733691.52	224.07342	(10041906)
483366.82	3733657.21	186.73408	(14101507)	482888.22	3733310.58	222.12574	(16121008)
482936.60	3733311.46	215.92853	(15081206)	482701.70	3732858.38	100.76533	(11011208)
482735.14	3732855.74	105.03497	(16012309)	482796.72	3732857.50	120.29022	(16012309)
482876.78	3732853.98	97.89539	(16112222)	483291.61	3734034.07	226.54410	(11102007)
483292.66	3734144.74	203.64667	(10120419)	483291.61	3734180.41	196.88866	(16011208)
483292.66	3734216.08	187.87566	(10042603)	482984.24	3733971.65	700.45709	(16012808)
483018.86	3733972.70	585.70721	(10032801)	482953.55	3732830.91	93.35524	(11071802)
483022.71	3732831.43	92.50468	(15080206)				

*** AERMOD - VERSION 19191 *** *** C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris *** 01/25/23

*** AERMET - VERSION 16216 *** *** *** 15:52:08

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL3 ***

INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	379.70566	(11122908)	482493.25	3733568.02	420.97023	(10110406)
482543.25	3733568.02	469.35590	(16122108)	482593.25	3733568.02	512.73570	(15080106)
482643.25	3733568.02	542.12885	(11102207)	482693.25	3733568.02	545.83629	(16080306)
482743.25	3733568.02	540.71157	(15042406)	482793.25	3733568.02	512.94174	(15081206)
482843.25	3733568.02	466.37341	(11051204)	482893.25	3733568.02	422.90091	(14051206)
482943.25	3733568.02	377.29878	(14011122)	482443.25	3733618.02	439.19545	(15080306)
482493.25	3733618.02	504.72815	(11122908)	482543.25	3733618.02	567.51393	(11011221)
482593.25	3733618.02	639.49353	(14032307)	482643.25	3733618.02	686.97037	(11102207)
482693.25	3733618.02	706.41667	(16080306)	482743.25	3733618.02	688.72897	(15042406)
482793.25	3733618.02	635.93205	(16110123)	482843.25	3733618.02	569.02013	(10121023)
482893.25	3733618.02	498.40823	(10100801)	482943.25	3733618.02	434.07699	(16012822)
482443.25	3733668.02	496.73919	(10101720)	482493.25	3733668.02	600.89090	(15080306)
482543.25	3733668.02	704.53012	(15123018)	482593.25	3733668.02	830.94166	(16122108)
482643.25	3733668.02	925.00480	(16011722)	482693.25	3733668.02	969.38596	(16080306)
482743.25	3733668.02	935.93782	(16121008)	482793.25	3733668.02	828.47245	(14010108)
482843.25	3733668.02	716.51962	(10122408)	482893.25	3733668.02	594.09118	(16012822)
482943.25	3733668.02	498.60681	(10121321)	482443.25	3733718.02	568.46461	(11011008)
482493.25	3733718.02	714.05662	(11011608)	482543.25	3733718.02	901.10513	(15080306)
482593.25	3733718.02	1119.45903	(16070706)	482643.25	3733718.02	1364.74210	(15080106)
482693.25	3733718.02	1460.13756	(16080306)	482743.25	3733718.02	1366.55915	(15081206)
482793.25	3733718.02	1129.47112	(14051206)	482843.25	3733718.02	891.40014	(16012822)
482893.25	3733718.02	713.48498	(15101807)	482943.25	3733718.02	569.45286	(16020524)
482443.25	3733768.02	637.21292	(15122708)	482493.25	3733768.02	822.02724	(15052302)
482543.25	3733768.02	1114.79768	(11011008)	482593.25	3733768.02	1599.36664	(15080306)
482643.25	3733768.02	2221.86267	(16122108)	482693.25	3733768.02	2609.88213	(16080306)
482743.25	3733768.02	2227.52569	(14010108)	482793.25	3733768.02	1583.92839	(16012822)
482843.25	3733768.02	1137.03007	(10080206)	482893.25	3733768.02	839.31788	(10010208)
482943.25	3733768.02	636.90972	(16020705)	482443.25	3733818.02	684.23265	(10020121)
482493.25	3733818.02	930.54772	(11121108)	482543.25	3733818.02	1341.25999	(11021421)
482593.25	3733818.02	2200.97548	(10032107)	482643.25	3733818.02	4293.18986	(15080306)
482693.25	3733818.02	7074.44804	(16080306)	482743.25	3733818.02	4288.78059	(11080306)
482793.25	3733818.02	2252.49654	(10010208)	482843.25	3733818.02	1367.79890	(14101507)
482893.25	3733818.02	928.78148	(10011720)	482943.25	3733818.02	695.94813	(15011108)
482443.25	3733868.02	703.34633	(16121021)	482493.25	3733868.02	962.76353	(16121021)
482543.25	3733868.02	1444.81010	(16121021)	482593.25	3733868.02	2565.93980	(16121021)
482643.25	3733868.02	6866.91256	(16051906)	482693.25	3733868.02	0.00000	(00000000)
482743.25	3733868.02	7180.66410	(15020108)	482793.25	3733868.02	2623.52915	(15020108)
482843.25	3733868.02	1463.33910	(15020108)	482893.25	3733868.02	970.34228	(15020108)
482943.25	3733868.02	707.33629	(16111306)	482443.25	3733918.02	684.58854	(11031507)
482493.25	3733918.02	931.63946	(10122808)	482543.25	3733918.02	1340.21112	(11072302)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

VOL3 ***

INCLUDING SOURCE(S): VOL3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	2218.02893	(10020908)	482643.25	3733918.02	4286.75957	(10050206)
482693.25	3733918.02	7064.64534	(14052206)	482743.25	3733918.02	4323.36556	(10011708)
482793.25	3733918.02	2214.23014	(10120419)	482843.25	3733918.02	1367.43146	(11102007)
482893.25	3733918.02	932.20067	(15010908)	482943.25	3733918.02	687.22452	(11041506)
482443.25	3733968.02	633.32799	(10041806)	482493.25	3733968.02	827.81894	(10020908)
482543.25	3733968.02	1114.42838	(15050822)	482593.25	3733968.02	1598.92352	(10050206)
482643.25	3733968.02	2226.11315	(16121108)	482693.25	3733968.02	2616.77147	(11080706)
482743.25	3733968.02	2246.32852	(10010808)	482793.25	3733968.02	1598.24000	(10011708)
482843.25	3733968.02	1125.91140	(11042506)	482893.25	3733968.02	826.96148	(10120419)
482943.25	3733968.02	636.79214	(10032801)	482443.25	3734018.02	570.71455	(16121308)
482493.25	3734018.02	712.99598	(11010308)	482543.25	3734018.02	901.24389	(10050206)
482593.25	3734018.02	1131.73383	(14081506)	482643.25	3734018.02	1360.59363	(15011208)
482693.25	3734018.02	1469.43670	(11080706)	482743.25	3734018.02	1370.39856	(10080406)
482793.25	3734018.02	1136.08404	(10011608)	482843.25	3734018.02	897.50417	(10011708)
482893.25	3734018.02	709.93594	(10122108)	482943.25	3734018.02	576.24746	(16011208)
482443.25	3734068.02	497.30215	(11121208)	482543.25	3734068.02	707.78211	(10012008)
482593.25	3734068.02	832.42385	(11042806)	482643.25	3734068.02	936.23674	(10051506)
482693.25	3734068.02	977.79992	(11080706)	482743.25	3734068.02	936.44297	(16050606)
482793.25	3734068.02	838.29715	(10010808)	482843.25	3734068.02	713.84059	(16120608)
482893.25	3734068.02	597.23246	(10011708)	482943.25	3734068.02	502.57706	(10122108)
482892.62	3734119.10	497.07491	(16121302)	482890.86	3734165.72	432.38072	(10011608)
483293.79	3733983.61	201.16683	(11041506)	483293.79	3733953.70	203.44850	(11102404)
483291.15	3733924.67	207.69159	(15012608)	483288.52	3733895.63	210.95907	(11122108)
483290.28	3733876.28	208.01252	(15063019)	483292.91	3733839.33	206.42089	(16123007)
483293.79	3733801.50	204.50104	(15120724)	483294.67	3733761.91	201.81649	(15011108)
483293.79	3733731.11	199.22216	(11032519)	483292.91	3733691.52	194.84418	(11112519)
483366.82	3733657.21	164.44420	(10041906)	482888.22	3733310.58	211.04682	(16111602)
482936.60	3733311.46	202.62292	(16030202)	482701.70	3732858.38	116.58585	(16012309)
482735.14	3732855.74	120.27044	(16012309)	482796.72	3732857.50	98.63505	(16111006)
482876.78	3732853.98	97.73165	(15042406)	483291.61	3734034.07	197.34186	(15010908)
483292.66	3734144.74	180.60801	(11101624)	483291.61	3734180.41	174.90285	(14022603)
483292.66	3734216.08	169.25979	(16011208)	482984.24	3733971.65	524.47605	(15032206)
483018.86	3733972.70	459.82895	(11102007)	482953.55	3732830.91	91.81425	(16033021)
483022.71	3732831.43	108.82168	(10111208)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL4 ***

INCLUDING SOURCE(S): VOL4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	439.19545	(15080306)	482493.25	3733568.02	504.72815	(11122908)
482543.25	3733568.02	567.51393	(11011221)	482593.25	3733568.02	639.49353	(14032307)
482643.25	3733568.02	686.97037	(11102207)	482693.25	3733568.02	706.41667	(16080306)
482743.25	3733568.02	688.72897	(15042406)	482793.25	3733568.02	635.93205	(16110123)
482843.25	3733568.02	569.02013	(10121023)	482893.25	3733568.02	498.40823	(10100801)
482943.25	3733568.02	434.07699	(16012822)	482443.25	3733618.02	496.73919	(10101720)
482493.25	3733618.02	600.89090	(15080306)	482543.25	3733618.02	704.53012	(15123018)
482593.25	3733618.02	830.94166	(16122108)	482643.25	3733618.02	925.00480	(16011722)
482693.25	3733618.02	969.38596	(16080306)	482743.25	3733618.02	935.93782	(16121008)
482793.25	3733618.02	828.47245	(14010108)	482843.25	3733618.02	716.51962	(10122408)
482893.25	3733618.02	594.09118	(16012822)	482943.25	3733618.02	498.60681	(10121321)
482443.25	3733668.02	568.46461	(11011008)	482493.25	3733668.02	714.05662	(11011608)
482543.25	3733668.02	901.10513	(15080306)	482593.25	3733668.02	1119.45903	(16070706)
482643.25	3733668.02	1364.74210	(15080106)	482693.25	3733668.02	1460.13756	(16080306)
482743.25	3733668.02	1366.55915	(15081206)	482793.25	3733668.02	1129.47112	(14051206)
482843.25	3733668.02	891.40014	(16012822)	482893.25	3733668.02	713.48498	(15101807)
482943.25	3733668.02	569.45286	(16020524)	482443.25	3733718.02	637.21292	(15122708)
482493.25	3733718.02	822.02724	(15052302)	482543.25	3733718.02	1114.79768	(11011008)
482593.25	3733718.02	1599.36664	(15080306)	482643.25	3733718.02	2221.86267	(16122108)
482693.25	3733718.02	2609.88213	(16080306)	482743.25	3733718.02	2227.52569	(14010108)
482793.25	3733718.02	1583.92839	(16012822)	482843.25	3733718.02	1137.03007	(10080206)
482893.25	3733718.02	839.31788	(10010208)	482943.25	3733718.02	636.90972	(16020705)
482443.25	3733768.02	684.23265	(10020121)	482493.25	3733768.02	930.54772	(11121108)
482543.25	3733768.02	1341.25999	(11021421)	482593.25	3733768.02	2200.97548	(10032107)
482643.25	3733768.02	4293.18986	(15080306)	482693.25	3733768.02	7074.44804	(16080306)
482743.25	3733768.02	4288.78059	(11080306)	482793.25	3733768.02	2252.49654	(10010208)
482843.25	3733768.02	1367.79890	(14101507)	482893.25	3733768.02	928.78148	(10011720)
482943.25	3733768.02	695.94813	(15011108)	482443.25	3733818.02	703.34633	(16121021)
482493.25	3733818.02	962.76353	(16121021)	482543.25	3733818.02	1444.81010	(16121021)
482593.25	3733818.02	2565.93980	(16121021)	482643.25	3733818.02	6866.91256	(16051906)
482693.25	3733818.02	0.00000	(00000000)	482743.25	3733818.02	7180.66410	(15020108)
482793.25	3733818.02	2623.52915	(15020108)	482843.25	3733818.02	1463.33910	(15020108)
482893.25	3733818.02	970.34228	(15020108)	482943.25	3733818.02	707.33629	(16111306)
482443.25	3733868.02	684.58854	(11031507)	482493.25	3733868.02	931.63946	(10122808)
482543.25	3733868.02	1340.21112	(11072302)	482593.25	3733868.02	2218.02893	(10020908)
482643.25	3733868.02	4286.75957	(10050206)	482693.25	3733868.02	7064.64534	(14052206)
482743.25	3733868.02	4323.36556	(10011708)	482793.25	3733868.02	2214.23014	(10120419)
482843.25	3733868.02	1367.43146	(11102007)	482893.25	3733868.02	932.20067	(15010908)
482943.25	3733868.02	687.22452	(11041506)	482443.25	3733918.02	633.32799	(10041806)
482493.25	3733918.02	827.81894	(10020908)	482543.25	3733918.02	1114.42838	(15050822)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL4 ***

INCLUDING SOURCE(S): VOL4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	1598.92352	(10050206)	482643.25	3733918.02	2226.11315	(16121108)
482693.25	3733918.02	2616.77147	(11080706)	482743.25	3733918.02	2246.32852	(10010808)
482793.25	3733918.02	1598.24000	(10011708)	482843.25	3733918.02	1125.91140	(11042506)
482893.25	3733918.02	826.96148	(10120419)	482943.25	3733918.02	636.79214	(10032801)
482443.25	3733968.02	570.71455	(16121308)	482493.25	3733968.02	712.99598	(11010308)
482543.25	3733968.02	901.24389	(10050206)	482593.25	3733968.02	1131.73383	(14081506)
482643.25	3733968.02	1360.59363	(15011208)	482693.25	3733968.02	1469.43670	(11080706)
482743.25	3733968.02	1370.39856	(10080406)	482793.25	3733968.02	1136.08404	(10011608)
482843.25	3733968.02	897.50417	(10011708)	482893.25	3733968.02	709.93594	(10122108)
482943.25	3733968.02	576.24746	(16011208)	482443.25	3734018.02	497.30215	(11121208)
482493.25	3734018.02	601.11363	(10050206)	482543.25	3734018.02	707.78211	(10012008)
482593.25	3734018.02	832.42385	(11042806)	482643.25	3734018.02	936.23674	(10051506)
482693.25	3734018.02	977.79992	(11080706)	482743.25	3734018.02	936.44297	(16050606)
482793.25	3734018.02	838.29715	(10010808)	482843.25	3734018.02	713.84059	(16120608)
482893.25	3734018.02	597.23246	(10011708)	482943.25	3734018.02	502.57706	(10122108)
482443.25	3734068.02	439.41478	(10050206)	482543.25	3734068.02	574.35409	(16101607)
482593.25	3734068.02	643.49057	(10042806)	482643.25	3734068.02	693.99065	(16110107)
482693.25	3734068.02	713.72579	(11080706)	482743.25	3734068.02	696.26688	(14102307)
482793.25	3734068.02	637.02314	(15011908)	482843.25	3734068.02	576.50245	(10050406)
482893.25	3734068.02	498.16531	(16110703)	482943.25	3734068.02	435.82889	(10011708)
482892.62	3734119.10	426.21596	(10011608)	482890.86	3734165.72	368.30481	(10081806)
483293.79	3733983.61	196.66548	(15010908)	483293.79	3733953.70	199.15942	(14112103)
483291.15	3733924.67	203.10952	(10110424)	483288.52	3733895.63	206.16532	(16112321)
483290.28	3733876.28	208.40636	(15012608)	483292.91	3733839.33	209.52410	(11081106)
483293.79	3733801.50	205.87881	(16111324)	483294.67	3733761.91	204.48614	(15020904)
483293.79	3733731.11	203.38122	(11110224)	483292.91	3733691.52	201.13809	(15011108)
483366.82	3733657.21	168.72126	(11032519)	482888.22	3733310.58	237.16921	(11091724)
482936.60	3733311.46	226.16285	(11051204)	482701.70	3732858.38	121.32565	(16012309)
482735.14	3732855.74	124.70478	(16012309)	482796.72	3732857.50	105.87272	(16111006)
482876.78	3732853.98	103.91239	(15042406)	483291.61	3734034.07	190.39095	(15032206)
483292.66	3734144.74	172.18830	(14110223)	483291.61	3734180.41	168.38708	(16011208)
483292.66	3734216.08	160.44456	(11042506)	482984.24	3733971.65	480.15534	(14022603)
483018.86	3733972.70	421.61469	(11101624)	482953.55	3732830.91	99.18474	(15080206)
483022.71	3732831.43	112.43794	(10111208)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL5 ***

INCLUDING SOURCE(S): VOL5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- -

482443.25	3733568.02	557.82270	(11011008)	482493.25	3733568.02	679.61129	(10101720)
482543.25	3733568.02	846.29348	(16103121)	482593.25	3733568.02	1047.50587	(10031924)
482643.25	3733568.02	1256.96941	(15080106)	482693.25	3733568.02	1331.70716	(16080306)
482743.25	3733568.02	1259.13973	(16051106)	482793.25	3733568.02	1053.23392	(14051206)
482843.25	3733568.02	858.22697	(10010708)	482893.25	3733568.02	683.52750	(10012508)
482943.25	3733568.02	562.98041	(10080206)	482443.25	3733618.02	629.03405	(15122708)
482493.25	3733618.02	803.85600	(10032107)	482543.25	3733618.02	1081.55787	(15121708)
482593.25	3733618.02	1465.22001	(10010521)	482643.25	3733618.02	1979.85055	(16122108)
482693.25	3733618.02	2276.03962	(16080306)	482743.25	3733618.02	1989.85681	(10121008)
482793.25	3733618.02	1500.16086	(10010708)	482843.25	3733618.02	1084.68642	(15032007)
482893.25	3733618.02	803.76154	(14120422)	482943.25	3733618.02	623.88409	(14081905)
482443.25	3733668.02	679.88445	(11121108)	482493.25	3733668.02	905.98960	(15022224)
482543.25	3733668.02	1312.94695	(15122708)	482593.25	3733668.02	2085.70256	(11011008)
482643.25	3733668.02	3714.81737	(11122908)	482693.25	3733668.02	5445.27983	(16080306)
482743.25	3733668.02	3729.54526	(10010108)	482793.25	3733668.02	2090.84888	(10080206)
482843.25	3733668.02	1311.86474	(16020705)	482893.25	3733668.02	911.10119	(16081922)
482943.25	3733668.02	678.92654	(10011720)	482443.25	3733718.02	702.24426	(11042024)
482493.25	3733718.02	961.27883	(14121319)	482543.25	3733718.02	1440.43393	(11123022)
482593.25	3733718.02	2547.06465	(11020519)	482643.25	3733718.02	6686.78162	(11121108)
482693.25	3733718.02	41621.89972	(15053006)	482743.25	3733718.02	6949.10318	(15011108)
482793.25	3733718.02	2587.07825	(14071606)	482843.25	3733718.02	1453.29649	(15122306)
482893.25	3733718.02	967.68454	(16123007)	482943.25	3733718.02	705.94168	(16111324)
482443.25	3733768.02	695.16574	(11031507)	482493.25	3733768.02	938.71401	(11031507)
482543.25	3733768.02	1376.28457	(15110819)	482593.25	3733768.02	2308.96256	(10041806)
482643.25	3733768.02	4901.69503	(11121208)	482693.25	3733768.02	9707.87098	(14052206)
482743.25	3733768.02	4982.37295	(11060406)	482793.25	3733768.02	2337.04945	(10032801)
482843.25	3733768.02	1403.13437	(15010908)	482893.25	3733768.02	941.90555	(11041506)
482943.25	3733768.02	694.46785	(11060804)	482443.25	3733818.02	645.70219	(15040621)
482493.25	3733818.02	852.25422	(11080406)	482543.25	3733818.02	1175.08327	(16121308)
482593.25	3733818.02	1709.63745	(16123108)	482643.25	3733818.02	2509.41010	(10101707)
482693.25	3733818.02	3041.56462	(11080706)	482743.25	3733818.02	2525.91559	(16121808)
482793.25	3733818.02	1718.66050	(10011108)	482843.25	3733818.02	1187.48077	(16011208)
482893.25	3733818.02	858.18756	(16012808)	482943.25	3733818.02	648.83636	(15032206)
482443.25	3733868.02	585.81744	(16121308)	482493.25	3733868.02	727.68686	(11051704)
482543.25	3733868.02	941.38836	(16042306)	482593.25	3733868.02	1192.80297	(14081506)
482643.25	3733868.02	1479.91183	(11050706)	482693.25	3733868.02	1620.65557	(11080706)
482743.25	3733868.02	1481.48106	(10080406)	482793.25	3733868.02	1212.36567	(11010608)
482843.25	3733868.02	943.47407	(10011708)	482893.25	3733868.02	730.92169	(11020723)
482943.25	3733868.02	583.02601	(14110223)	482443.25	3733918.02	517.58565	(11010308)
482493.25	3733918.02	619.68657	(16042306)	482543.25	3733918.02	745.12705	(10012008)

*** AERMOD - VERSION 19191 *** *** C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris *** 01/25/23
*** AERMET - VERSION 16216 *** *** *** 15:52:08
PAGE 91
*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL5 ***
INCLUDING SOURCE(S): VOL5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC

(YYMMDDHH)

482593.25	3733918.02	880.77555	(14072506)	482643.25	3733918.02	998.06144	(10051506)
482693.25	3733918.02	1051.32240	(11080706)	482743.25	3733918.02	992.95697	(10042306)
482793.25	3733918.02	884.24617	(10012408)	482843.25	3733918.02	740.64509	(16120608)
482893.25	3733918.02	622.99695	(10011708)	482943.25	3733918.02	516.61354	(10122108)
482443.25	3733968.02	448.39289	(16042306)	482493.25	3733968.02	518.37564	(16102607)
482543.25	3733968.02	598.38792	(16101807)	482593.25	3733968.02	676.09250	(10080106)
482643.25	3733968.02	730.67727	(16110107)	482693.25	3733968.02	755.98526	(11080706)
482743.25	3733968.02	734.03125	(14102307)	482793.25	3733968.02	674.37646	(10102107)
482843.25	3733968.02	597.71588	(10050406)	482893.25	3733968.02	520.82215	(14020608)
482943.25	3733968.02	452.24721	(10011708)	482443.25	3734018.02	386.81653	(10102603)
482493.25	3734018.02	439.63053	(14081506)	482543.25	3734018.02	486.56158	(14072506)
482593.25	3734018.02	533.80668	(11050706)	482643.25	3734018.02	567.44949	(16101907)
482693.25	3734018.02	579.16444	(11080706)	482743.25	3734018.02	567.31555	(14011408)
482793.25	3734018.02	534.06077	(10080406)	482843.25	3734018.02	490.37649	(10012408)
482893.25	3734018.02	439.85252	(11010608)	482943.25	3734018.02	389.74176	(14020608)
482443.25	3734068.02	337.37803	(16042305)	482543.25	3734068.02	409.08490	(16102107)
482593.25	3734068.02	437.02580	(10121508)	482643.25	3734068.02	455.77280	(15042606)
482693.25	3734068.02	463.14498	(11080706)	482743.25	3734068.02	455.85173	(14011408)
482793.25	3734068.02	436.38228	(10123108)	482843.25	3734068.02	406.85427	(10102107)
482893.25	3734068.02	375.72890	(10050406)	482943.25	3734068.02	339.96323	(16120608)
482892.62	3734119.10	323.66558	(10012408)	482890.86	3734165.72	284.32763	(15042706)
483293.79	3733983.61	183.69359	(11102901)	483293.79	3733953.70	187.88821	(10021524)
483291.15	3733924.67	195.23709	(11102007)	483288.52	3733895.63	198.40178	(10042506)
483290.28	3733876.28	199.52450	(16030619)	483292.91	3733839.33	201.48018	(11041506)
483293.79	3733801.50	204.33102	(16112321)	483294.67	3733761.91	207.92220	(11122108)
483293.79	3733731.11	206.27785	(16111306)	483292.91	3733691.52	205.87022	(16123007)
483366.82	3733657.21	174.43446	(15120724)	482888.22	3733310.58	299.10638	(10021322)
482936.60	3733311.46	280.39794	(10052804)	482701.70	3732858.38	131.02761	(16012309)
482735.14	3732855.74	133.57994	(16012309)	482796.72	3732857.50	121.27308	(16112222)
482876.78	3732853.98	118.10126	(14080901)	483291.61	3734034.07	176.27322	(10120419)
483292.66	3734144.74	156.92654	(11020723)	483291.61	3734180.41	151.23483	(10122108)
483292.66	3734216.08	144.69083	(16110907)	482984.24	3733971.65	395.38873	(10011108)
483018.86	3733972.70	356.45555	(10122108)	482953.55	3732830.91	116.49222	(10111208)
483022.71	3732831.43	120.03415	(10100107)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL6 ***
INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	567.51393	(11011221)	482493.25	3733568.02	639.49353	(14032307)
482543.25	3733568.02	686.97037	(11102207)	482593.25	3733568.02	706.41667	(16080306)
482643.25	3733568.02	688.72897	(15042406)	482693.25	3733568.02	635.93205	(16110123)

482743.25	3733568.02	569.02013	(10121023)	482793.25	3733568.02	498.40823	(10100801)
482843.25	3733568.02	434.07699	(16012822)	482893.25	3733568.02	381.24081	(10012508)
482943.25	3733568.02	333.19186	(10122508)	482443.25	3733618.02	704.53012	(15123018)
482493.25	3733618.02	830.94166	(16122108)	482543.25	3733618.02	925.00480	(16011722)
482593.25	3733618.02	969.38596	(16080306)	482643.25	3733618.02	935.93782	(16121008)
482693.25	3733618.02	828.47245	(14010108)	482743.25	3733618.02	716.51962	(10122408)
482793.25	3733618.02	594.09118	(16012822)	482843.25	3733618.02	498.60681	(10121321)
482893.25	3733618.02	426.69187	(10080206)	482943.25	3733618.02	360.98024	(16112223)
482443.25	3733668.02	901.10513	(15080306)	482493.25	3733668.02	1119.45903	(16070706)
482543.25	3733668.02	1364.74210	(15080106)	482593.25	3733668.02	1460.13756	(16080306)
482643.25	3733668.02	1366.55915	(15081206)	482693.25	3733668.02	1129.47112	(14051206)
482743.25	3733668.02	891.40014	(16012822)	482793.25	3733668.02	713.48498	(15101807)
482843.25	3733668.02	569.45286	(16020524)	482893.25	3733668.02	473.51625	(10010208)
482943.25	3733668.02	390.92869	(16111924)	482443.25	3733718.02	1114.79768	(11011008)
482493.25	3733718.02	1599.36664	(15080306)	482543.25	3733718.02	2221.86267	(16122108)
482593.25	3733718.02	2609.88213	(16080306)	482643.25	3733718.02	2227.52569	(14010108)
482693.25	3733718.02	1583.92839	(16012822)	482743.25	3733718.02	1137.03007	(10080206)
482793.25	3733718.02	839.31788	(10010208)	482843.25	3733718.02	636.90972	(16020705)
482893.25	3733718.02	511.56128	(14101507)	482943.25	3733718.02	416.82204	(11112519)
482443.25	3733768.02	1341.25999	(11021421)	482493.25	3733768.02	2200.97548	(10032107)
482543.25	3733768.02	4293.18986	(15080306)	482593.25	3733768.02	7074.44804	(16080306)
482643.25	3733768.02	4288.78059	(11080306)	482693.25	3733768.02	2252.49654	(10010208)
482743.25	3733768.02	1367.79890	(14101507)	482793.25	3733768.02	928.78148	(10011720)
482843.25	3733768.02	695.94813	(15011108)	482893.25	3733768.02	535.85292	(11052505)
482943.25	3733768.02	434.20021	(11110224)	482443.25	3733818.02	1444.81010	(16121021)
482493.25	3733818.02	2565.93980	(16121021)	482543.25	3733818.02	6866.91256	(16051906)
482593.25	3733818.02	0.00000	(00000000)	482643.25	3733818.02	7180.66410	(15020108)
482693.25	3733818.02	2623.52915	(15020108)	482743.25	3733818.02	1463.33910	(15020108)
482793.25	3733818.02	970.34228	(15020108)	482843.25	3733818.02	707.33629	(16111306)
482893.25	3733818.02	547.09154	(16111306)	482943.25	3733818.02	440.45850	(16111306)
482443.25	3733868.02	1340.21112	(11072302)	482493.25	3733868.02	2218.02893	(10020908)
482543.25	3733868.02	4286.75957	(10050206)	482593.25	3733868.02	7064.64534	(14052206)
482643.25	3733868.02	4323.36556	(10011708)	482693.25	3733868.02	2214.23014	(10120419)
482743.25	3733868.02	1367.43146	(11102007)	482793.25	3733868.02	932.20067	(15010908)
482843.25	3733868.02	687.22452	(11041506)	482893.25	3733868.02	535.51811	(11060804)
482943.25	3733868.02	433.97909	(11102404)	482443.25	3733918.02	1114.42838	(15050822)
482493.25	3733918.02	1598.92352	(10050206)	482543.25	3733918.02	2226.11315	(16121108)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL6 ***

INCLUDING SOURCE(S): VOL6 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	2616.77147	(11080706)	482643.25	3733918.02	2246.32852	(10010808)
482693.25	3733918.02	1598.24000	(10011708)	482743.25	3733918.02	1125.91140	(11042506)

482793.25	3733918.02	826.96148	(10120419)	482843.25	3733918.02	636.79214	(10032801)
482893.25	3733918.02	512.71938	(11102007)	482943.25	3733918.02	417.69281	(10042506)
482443.25	3733968.02	901.24389	(10050206)	482493.25	3733968.02	1131.73383	(14081506)
482543.25	3733968.02	1360.59363	(15011208)	482593.25	3733968.02	1469.43670	(11080706)
482643.25	3733968.02	1370.39856	(10080406)	482693.25	3733968.02	1136.08404	(10011608)
482743.25	3733968.02	897.50417	(10011708)	482793.25	3733968.02	709.93594	(10122108)
482843.25	3733968.02	576.24746	(16011208)	482893.25	3733968.02	466.95635	(10120419)
482943.25	3733968.02	392.05615	(16012808)	482443.25	3734018.02	707.78211	(10012008)
482493.25	3734018.02	832.42385	(11042806)	482543.25	3734018.02	936.23674	(10051506)
482593.25	3734018.02	977.79992	(11080706)	482643.25	3734018.02	936.44297	(16050606)
482693.25	3734018.02	838.29715	(10010808)	482743.25	3734018.02	713.84059	(16120608)
482793.25	3734018.02	597.23246	(10011708)	482843.25	3734018.02	502.57706	(10122108)
482893.25	3734018.02	423.47097	(11042506)	482943.25	3734018.02	360.92409	(10011721)
482443.25	3734068.02	574.35409	(16101607)	482543.25	3734068.02	693.99065	(16110107)
482593.25	3734068.02	713.72579	(11080706)	482643.25	3734068.02	696.26688	(14102307)
482693.25	3734068.02	637.02314	(15011908)	482743.25	3734068.02	576.50245	(10050406)
482793.25	3734068.02	498.16531	(16110703)	482843.25	3734068.02	435.82889	(10011708)
482893.25	3734068.02	378.86327	(10011108)	482943.25	3734068.02	329.12993	(14112304)
482892.62	3734119.10	335.58064	(10011708)	482890.86	3734165.72	303.83680	(14020608)
483293.79	3733983.61	159.87845	(14112103)	483293.79	3733953.70	162.04688	(11041506)
483291.15	3733924.67	164.31299	(11060804)	483288.52	3733895.63	167.98331	(15012608)
483290.28	3733876.28	167.47470	(10102407)	483292.91	3733839.33	168.68819	(11081106)
483293.79	3733801.50	165.41003	(16111324)	483294.67	3733761.91	164.90972	(15020904)
483293.79	3733731.11	164.51134	(15031202)	483292.91	3733691.52	163.70170	(15011108)
483366.82	3733657.21	141.12282	(15011108)	482888.22	3733310.58	213.08436	(10052804)
482936.60	3733311.46	201.00281	(11052704)	482701.70	3732858.38	105.68347	(16111006)
482735.14	3732855.74	105.97412	(15081006)	482796.72	3732857.50	103.42036	(14080901)
482876.78	3732853.98	111.28663	(10111208)	483291.61	3734034.07	157.14706	(11102007)
483292.66	3734144.74	145.09024	(11101624)	483291.61	3734180.41	140.99032	(10120419)
483292.66	3734216.08	136.73427	(10011721)	482984.24	3733971.65	340.12808	(10021524)
483018.86	3733972.70	306.71991	(15032206)	482953.55	3732830.91	111.85708	(10100107)
483022.71	3732831.43	95.13827	(15032907)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL7 ***

INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	469.35590	(16122108)	482493.25	3733568.02	512.73570	(15080106)
482543.25	3733568.02	542.12885	(11102207)	482593.25	3733568.02	545.83629	(16080306)
482643.25	3733568.02	540.71157	(15042406)	482693.25	3733568.02	512.94174	(15081206)
482743.25	3733568.02	466.37341	(11051204)	482793.25	3733568.02	422.90091	(14051206)
482843.25	3733568.02	377.29878	(14011122)	482893.25	3733568.02	336.04598	(16012822)
482943.25	3733568.02	302.73470	(11102907)	482443.25	3733618.02	567.51393	(11011221)
482493.25	3733618.02	639.49353	(14032307)	482543.25	3733618.02	686.97037	(11102207)

482593.25	3733618.02	706.41667	(16080306)	482643.25	3733618.02	688.72897	(15042406)
482693.25	3733618.02	635.93205	(16110123)	482743.25	3733618.02	569.02013	(10121023)
482793.25	3733618.02	498.40823	(10100801)	482843.25	3733618.02	434.07699	(16012822)
482893.25	3733618.02	381.24081	(10012508)	482943.25	3733618.02	333.19186	(10122508)
482443.25	3733668.02	704.53012	(15123018)	482493.25	3733668.02	830.94166	(16122108)
482543.25	3733668.02	925.00480	(16011722)	482593.25	3733668.02	969.38596	(16080306)
482643.25	3733668.02	935.93782	(16121008)	482693.25	3733668.02	828.47245	(14010108)
482743.25	3733668.02	716.51962	(10122408)	482793.25	3733668.02	594.09118	(16012822)
482843.25	3733668.02	498.60681	(10121321)	482893.25	3733668.02	426.69187	(10080206)
482943.25	3733668.02	360.98024	(16112223)	482443.25	3733718.02	901.10513	(15080306)
482493.25	3733718.02	1119.45903	(16070706)	482543.25	3733718.02	1364.74210	(15080106)
482593.25	3733718.02	1460.13756	(16080306)	482643.25	3733718.02	1366.55915	(15081206)
482693.25	3733718.02	1129.47112	(14051206)	482743.25	3733718.02	891.40014	(16012822)
482793.25	3733718.02	713.48498	(15101807)	482843.25	3733718.02	569.45286	(16020524)
482893.25	3733718.02	473.51625	(10010208)	482943.25	3733718.02	390.92869	(16111924)
482443.25	3733768.02	1114.79768	(11011008)	482493.25	3733768.02	1599.36664	(15080306)
482543.25	3733768.02	2221.86267	(16122108)	482593.25	3733768.02	2609.88213	(16080306)
482643.25	3733768.02	2227.52569	(14010108)	482693.25	3733768.02	1583.92839	(16012822)
482743.25	3733768.02	1137.03007	(10080206)	482793.25	3733768.02	839.31788	(10010208)
482843.25	3733768.02	636.90972	(16020705)	482893.25	3733768.02	511.56128	(14101507)
482943.25	3733768.02	416.82204	(11112519)	482443.25	3733818.02	1341.25999	(11021421)
482493.25	3733818.02	2200.97548	(10032107)	482543.25	3733818.02	4293.18986	(15080306)
482593.25	3733818.02	7074.44804	(16080306)	482643.25	3733818.02	4288.78059	(11080306)
482693.25	3733818.02	2252.49654	(10010208)	482743.25	3733818.02	1367.79890	(14101507)
482793.25	3733818.02	928.78148	(10011720)	482843.25	3733818.02	695.94813	(15011108)
482893.25	3733818.02	535.85292	(11052505)	482943.25	3733818.02	434.20021	(11110224)
482443.25	3733868.02	1444.81010	(16121021)	482493.25	3733868.02	2565.93980	(16121021)
482543.25	3733868.02	6866.91256	(16051906)	482593.25	3733868.02	0.00000	(00000000)
482643.25	3733868.02	7180.66410	(15020108)	482693.25	3733868.02	2623.52915	(15020108)
482743.25	3733868.02	1463.33910	(15020108)	482793.25	3733868.02	970.34228	(15020108)
482843.25	3733868.02	707.33629	(16111306)	482893.25	3733868.02	547.09154	(16111306)
482943.25	3733868.02	440.45850	(16111306)	482443.25	3733918.02	1340.21112	(11072302)
482493.25	3733918.02	2218.02893	(10020908)	482543.25	3733918.02	4286.75957	(10050206)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL7 ***

INCLUDING SOURCE(S): VOL7 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	7064.64534	(14052206)	482643.25	3733918.02	4323.36556	(10011708)
482693.25	3733918.02	2214.23014	(10120419)	482743.25	3733918.02	1367.43146	(11102007)
482793.25	3733918.02	932.20067	(15010908)	482843.25	3733918.02	687.22452	(11041506)
482893.25	3733918.02	535.51811	(11060804)	482943.25	3733918.02	433.97909	(11102404)
482443.25	3733968.02	1114.42838	(15050822)	482493.25	3733968.02	1598.92352	(10050206)
482543.25	3733968.02	2226.11315	(16121108)	482593.25	3733968.02	2616.77147	(11080706)

482643.25	3733968.02	2246.32852 (10010808)	482693.25	3733968.02	1598.24000 (10011708)
482743.25	3733968.02	1125.91140 (11042506)	482793.25	3733968.02	826.96148 (10120419)
482843.25	3733968.02	636.79214 (10032801)	482893.25	3733968.02	512.71938 (11102007)
482943.25	3733968.02	417.69281 (10042506)	482443.25	3734018.02	901.24389 (10050206)
482493.25	3734018.02	1131.73383 (14081506)	482543.25	3734018.02	1360.59363 (15011208)
482593.25	3734018.02	1469.43670 (11080706)	482643.25	3734018.02	1370.39856 (10080406)
482693.25	3734018.02	1136.08404 (10011608)	482743.25	3734018.02	897.50417 (10011708)
482793.25	3734018.02	709.93594 (10122108)	482843.25	3734018.02	576.24746 (16011208)
482893.25	3734018.02	466.95635 (10120419)	482943.25	3734018.02	392.05615 (16012808)
482443.25	3734068.02	707.78211 (10012008)	482543.25	3734068.02	936.23674 (10051506)
482593.25	3734068.02	977.79992 (11080706)	482643.25	3734068.02	936.44297 (16050606)
482693.25	3734068.02	838.29715 (10010808)	482743.25	3734068.02	713.84059 (16120608)
482793.25	3734068.02	597.23246 (10011708)	482843.25	3734068.02	502.57706 (10122108)
482893.25	3734068.02	423.47097 (11042506)	482943.25	3734068.02	360.92409 (10011721)
482892.62	3734119.10	379.78734 (10011108)	482890.86	3734165.72	340.73505 (10011708)
483293.79	3733983.61	162.90900 (11060804)	483293.79	3733953.70	164.63673 (16112321)
483291.15	3733924.67	167.61615 (10102407)	483288.52	3733895.63	170.07412 (11081106)
483290.28	3733876.28	167.24632 (15063019)	483292.91	3733839.33	166.15973 (16111324)
483293.79	3733801.50	164.90816 (15020904)	483294.67	3733761.91	163.16085 (11052505)
483293.79	3733731.11	163.89065 (15011108)	483292.91	3733691.52	159.55112 (10011720)
483366.82	3733657.21	137.49294 (15021124)	482888.22	3733310.58	195.52237 (14010108)
482936.60	3733311.46	182.89357 (11011922)	482701.70	3732858.38	98.71431 (16111006)
482735.14	3732855.74	99.01544 (15081006)	482796.72	3732857.50	96.44710 (11071802)
482876.78	3732853.98	102.52169 (10111208)	483291.61	3734034.07	160.40892 (14112103)
483292.66	3734144.74	150.27194 (10032801)	483291.61	3734180.41	147.86777 (16012808)
483292.66	3734216.08	142.28679 (16102421)	482984.24	3733971.65	361.45294 (15010908)
483018.86	3733972.70	320.92017 (16030619)	482953.55	3732830.91	107.03214 (10100107)
483022.71	3732831.43	96.81388 (10100107)			

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL8 ***
INCLUDING SOURCE(S): VOL8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)
482443.25	3733568.02	704.53012 (15123018)	482493.25	3733568.02	830.94166 (16122108)
482543.25	3733568.02	925.00480 (16011722)	482593.25	3733568.02	969.38596 (16080306)
482643.25	3733568.02	935.93782 (16121008)	482693.25	3733568.02	828.47245 (14010108)
482743.25	3733568.02	716.51962 (10122408)	482793.25	3733568.02	594.09118 (16012822)
482843.25	3733568.02	498.60681 (10121321)	482893.25	3733568.02	426.69187 (10080206)
482943.25	3733568.02	360.98024 (16112223)	482443.25	3733618.02	901.10513 (15080306)
482493.25	3733618.02	1119.45903 (16070706)	482543.25	3733618.02	1364.74210 (15080106)
482593.25	3733618.02	1460.13756 (16080306)	482643.25	3733618.02	1366.55915 (15081206)
482693.25	3733618.02	1129.47112 (14051206)	482743.25	3733618.02	891.40014 (16012822)
482793.25	3733618.02	713.48498 (15101807)	482843.25	3733618.02	569.45286 (16020524)
482893.25	3733618.02	473.51625 (10010208)	482943.25	3733618.02	390.92869 (16111924)

482443.25	3733668.02	1114.79768	(11011008)	482493.25	3733668.02	1599.36664	(15080306)
482543.25	3733668.02	2221.86267	(16122108)	482593.25	3733668.02	2609.88213	(16080306)
482643.25	3733668.02	2227.52569	(14010108)	482693.25	3733668.02	1583.92839	(16012822)
482743.25	3733668.02	1137.03007	(10080206)	482793.25	3733668.02	839.31788	(10010208)
482843.25	3733668.02	636.90972	(16020705)	482893.25	3733668.02	511.56128	(14101507)
482943.25	3733668.02	416.82204	(11112519)	482443.25	3733718.02	1341.25999	(11021421)
482493.25	3733718.02	2200.97548	(10032107)	482543.25	3733718.02	4293.18986	(15080306)
482593.25	3733718.02	7074.44804	(16080306)	482643.25	3733718.02	4288.78059	(11080306)
482693.25	3733718.02	2252.49654	(10010208)	482743.25	3733718.02	1367.79890	(14101507)
482793.25	3733718.02	928.78148	(10011720)	482843.25	3733718.02	695.94813	(15011108)
482893.25	3733718.02	535.85292	(11052505)	482943.25	3733718.02	434.20021	(11110224)
482443.25	3733768.02	1444.81010	(16121021)	482493.25	3733768.02	2565.93980	(16121021)
482543.25	3733768.02	6866.91256	(16051906)	482593.25	3733768.02	0.00000	(00000000)
482643.25	3733768.02	7180.66410	(15020108)	482693.25	3733768.02	2623.52915	(15020108)
482743.25	3733768.02	1463.33910	(15020108)	482793.25	3733768.02	970.34228	(15020108)
482843.25	3733768.02	707.33629	(16111306)	482893.25	3733768.02	547.09154	(16111306)
482943.25	3733768.02	440.45850	(16111306)	482443.25	3733818.02	1340.21112	(11072302)
482493.25	3733818.02	2218.02893	(10020908)	482543.25	3733818.02	4286.75957	(10050206)
482593.25	3733818.02	7064.64534	(14052206)	482643.25	3733818.02	4323.36556	(10011708)
482693.25	3733818.02	2214.23014	(10120419)	482743.25	3733818.02	1367.43146	(11102007)
482793.25	3733818.02	932.20067	(15010908)	482843.25	3733818.02	687.22452	(11041506)
482893.25	3733818.02	535.51811	(11060804)	482943.25	3733818.02	433.97909	(11102404)
482443.25	3733868.02	1114.42838	(15050822)	482493.25	3733868.02	1598.92352	(10050206)
482543.25	3733868.02	2226.11315	(16121108)	482593.25	3733868.02	2616.77147	(11080706)
482643.25	3733868.02	2246.32852	(10010808)	482693.25	3733868.02	1598.24000	(10011708)
482743.25	3733868.02	1125.91140	(11042506)	482793.25	3733868.02	826.96148	(10120419)
482843.25	3733868.02	636.79214	(10032801)	482893.25	3733868.02	512.71938	(11102007)
482943.25	3733868.02	417.69281	(10042506)	482443.25	3733918.02	901.24389	(10050206)
482493.25	3733918.02	1131.73383	(14081506)	482543.25	3733918.02	1360.59363	(15011208)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL8 ***

INCLUDING SOURCE(S): VOL8 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	1469.43670	(11080706)	482643.25	3733918.02	1370.39856	(10080406)
482693.25	3733918.02	1136.08404	(10011608)	482743.25	3733918.02	897.50417	(10011708)
482793.25	3733918.02	709.93594	(10122108)	482843.25	3733918.02	576.24746	(16011208)
482893.25	3733918.02	466.95635	(10120419)	482943.25	3733918.02	392.05615	(16012808)
482443.25	3733968.02	707.78211	(10012008)	482493.25	3733968.02	832.42385	(11042806)
482543.25	3733968.02	936.23674	(10051506)	482593.25	3733968.02	977.79992	(11080706)
482643.25	3733968.02	936.44297	(16050606)	482693.25	3733968.02	838.29715	(10010808)
482743.25	3733968.02	713.84059	(16120608)	482793.25	3733968.02	597.23246	(10011708)
482843.25	3733968.02	502.57706	(10122108)	482893.25	3733968.02	423.47097	(11042506)
482943.25	3733968.02	360.92409	(10011721)	482443.25	3734018.02	574.35409	(16101607)

482493.25	3734018.02	643.49057	(10042806)	482543.25	3734018.02	693.99065	(16110107)
482593.25	3734018.02	713.72579	(11080706)	482643.25	3734018.02	696.26688	(14102307)
482693.25	3734018.02	637.02314	(15011908)	482743.25	3734018.02	576.50245	(10050406)
482793.25	3734018.02	498.16531	(16110703)	482843.25	3734018.02	435.82889	(10011708)
482893.25	3734018.02	378.86327	(10011108)	482943.25	3734018.02	329.12993	(14112304)
482443.25	3734068.02	470.46659	(11042806)	482543.25	3734068.02	541.18590	(15042606)
482593.25	3734068.02	552.20200	(11080706)	482643.25	3734068.02	542.88522	(14011408)
482693.25	3734068.02	514.49512	(10080406)	482743.25	3734068.02	473.15125	(10010808)
482793.25	3734068.02	426.48372	(10011608)	482843.25	3734068.02	380.45273	(14020608)
482893.25	3734068.02	337.04219	(10011708)	482943.25	3734068.02	303.09750	(10011108)
482892.62	3734119.10	300.68224	(14020608)	482890.86	3734165.72	271.56324	(16120608)
483293.79	3733983.61	156.28963	(11102007)	483293.79	3733953.70	159.32940	(15010908)
483291.15	3733924.67	161.28870	(14112103)	483288.52	3733895.63	163.87099	(10110424)
483290.28	3733876.28	164.63703	(11060804)	483292.91	3733839.33	166.97623	(15012608)
483293.79	3733801.50	167.92920	(11122108)	483294.67	3733761.91	165.59650	(16111306)
483293.79	3733731.11	166.04218	(16123007)	483292.91	3733691.52	165.16727	(15120724)
483366.82	3733657.21	142.66889	(11110224)	482888.22	3733310.58	237.69474	(14051206)
482936.60	3733311.46	224.21365	(10122408)	482701.70	3732858.38	114.02079	(16112222)
482735.14	3732855.74	113.20019	(15081006)	482796.72	3732857.50	112.32284	(16121008)
482876.78	3732853.98	118.90574	(10111208)	483291.61	3734034.07	151.89725	(10021524)
483292.66	3734144.74	139.24849	(14022603)	483291.61	3734180.41	136.59813	(16011208)
483292.66	3734216.08	130.72926	(10042603)	482984.24	3733971.65	317.90673	(14022603)
483018.86	3733972.70	288.81511	(16102421)	482953.55	3732830.91	114.02555	(10100107)
483022.71	3732831.43	101.29932	(15032907)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL9 ***

INCLUDING SOURCE(S): VOL9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482443.25	3733568.02	325.66333	(10042424)	482493.25	3733568.02	388.68103	(10111724)
482543.25	3733568.02	471.15626	(15121708)	482593.25	3733568.02	577.97385	(14062123)
482643.25	3733568.02	723.12674	(11122908)	482693.25	3733568.02	868.91889	(16122108)
482743.25	3733568.02	993.85082	(11102207)	482793.25	3733568.02	1009.68948	(15081006)
482843.25	3733568.02	913.04312	(11120808)	482893.25	3733568.02	771.62049	(10122408)
482943.25	3733568.02	626.51035	(11080306)	482443.25	3733618.02	350.26601	(11021421)
482493.25	3733618.02	426.85504	(10103107)	482543.25	3733618.02	533.70803	(10042424)
482593.25	3733618.02	693.67619	(11011008)	482643.25	3733618.02	915.38120	(10101720)
482693.25	3733618.02	1242.05098	(11122908)	482743.25	3733618.02	1578.79886	(11072406)
482793.25	3733618.02	1639.39329	(14072106)	482843.25	3733618.02	1353.75363	(14051206)
482893.25	3733618.02	1021.97242	(11080306)	482943.25	3733618.02	762.65863	(10080206)
482443.25	3733668.02	367.74584	(10110921)	482493.25	3733668.02	455.36834	(11092306)
482543.25	3733668.02	589.95330	(11121108)	482593.25	3733668.02	790.04421	(11021421)
482643.25	3733668.02	1156.31631	(15122708)	482693.25	3733668.02	1820.68342	(15121708)
482743.25	3733668.02	2888.17664	(16110607)	482793.25	3733668.02	3241.40759	(16051106)

482843.25	3733668.02	2124.53223	(10012508)	482893.25	3733668.02	1322.86004	(10010208)
482943.25	3733668.02	892.26270	(15011308)	482443.25	3733718.02	374.99221	(11042024)
482493.25	3733718.02	468.53542	(11042024)	482543.25	3733718.02	609.62977	(11042024)
482593.25	3733718.02	842.63533	(14121319)	482643.25	3733718.02	1278.41340	(11123022)
482693.25	3733718.02	2279.21146	(11020519)	482743.25	3733718.02	5317.95310	(11121108)
482793.25	3733718.02	6375.25384	(14100207)	482843.25	3733718.02	2922.86008	(14071606)
482893.25	3733718.02	1500.07745	(15122306)	482943.25	3733718.02	949.29728	(16123007)
482443.25	3733768.02	376.45664	(10042406)	482493.25	3733768.02	467.70159	(11080606)
482543.25	3733768.02	604.78283	(11031507)	482593.25	3733768.02	829.34397	(10122808)
482643.25	3733768.02	1209.58838	(10041006)	482693.25	3733768.02	2047.81935	(10020908)
482743.25	3733768.02	3810.89221	(15052306)	482793.25	3733768.02	4420.70346	(11101307)
482843.25	3733768.02	2481.08278	(16011208)	482893.25	3733768.02	1412.02581	(11102007)
482943.25	3733768.02	920.49891	(15010908)	482443.25	3733818.02	357.32602	(15110819)
482493.25	3733818.02	438.48195	(11072302)	482543.25	3733818.02	554.59840	(10030124)
482593.25	3733818.02	734.29863	(10020908)	482643.25	3733818.02	998.64122	(15050822)
482693.25	3733818.02	1430.90752	(15072706)	482743.25	3733818.02	1931.08192	(11050706)
482793.25	3733818.02	2047.71473	(14102307)	482843.25	3733818.02	1598.07080	(16120608)
482893.25	3733818.02	1126.04037	(10122108)	482943.25	3733818.02	800.51266	(14110223)
482443.25	3733868.02	335.57389	(10030107)	482493.25	3733868.02	405.39629	(10020908)
482543.25	3733868.02	497.90570	(16121308)	482593.25	3733868.02	624.96124	(11010308)
482643.25	3733868.02	787.27469	(10050206)	482693.25	3733868.02	992.01154	(16101607)
482743.25	3733868.02	1165.72373	(11011808)	482793.25	3733868.02	1193.93110	(16010708)
482843.25	3733868.02	1056.37319	(10010808)	482893.25	3733868.02	851.95659	(14020608)
482943.25	3733868.02	673.60136	(10011108)	482443.25	3733918.02	312.88212	(16121308)
482493.25	3733918.02	363.07881	(15050822)	482543.25	3733918.02	436.25126	(11121208)

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: VOL9 ***

INCLUDING SOURCE(S): VOL9 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
482593.25	3733918.02	519.24640	(10050206)	482643.25	3733918.02	618.20333	(14081506)
482693.25	3733918.02	720.34283	(10080106)	482743.25	3733918.02	792.49744	(16101907)
482793.25	3733918.02	805.33848	(16050506)	482843.25	3733918.02	744.49277	(10080406)
482893.25	3733918.02	652.16815	(10050406)	482943.25	3733918.02	546.47110	(14020608)
482443.25	3733968.02	283.19658	(11010308)	482493.25	3733968.02	327.47891	(11121208)
482543.25	3733968.02	376.44742	(10050206)	482593.25	3733968.02	432.13474	(10012008)
482643.25	3733968.02	493.26136	(10101707)	482693.25	3733968.02	546.35063	(11050706)
482743.25	3733968.02	581.55889	(16051406)	482793.25	3733968.02	590.10666	(16102207)
482843.25	3733968.02	560.37082	(10123108)	482893.25	3733968.02	512.98771	(10010808)
482943.25	3733968.02	451.81418	(11010608)	482443.25	3734018.02	256.47109	(16123108)
482493.25	3734018.02	289.73403	(10050206)	482543.25	3734018.02	325.65255	(16102607)
482593.25	3734018.02	363.74295	(16101807)	482643.25	3734018.02	402.38126	(16122508)
482693.25	3734018.02	434.38748	(10121508)	482743.25	3734018.02	453.04588	(14080606)
482793.25	3734018.02	456.65734	(16101507)	482843.25	3734018.02	442.52654	(16050606)

482893.25	3734018.02	409.89701	(10102107)	482943.25	3734018.02	375.81429	(10081806)
482443.25	3734068.02	232.35406	(10050206)	482543.25	3734068.02	283.15721	(14081506)
482593.25	3734068.02	308.35440	(10101707)	482643.25	3734068.02	333.70890	(10042806)
482693.25	3734068.02	353.37376	(10051506)	482743.25	3734068.02	365.53855	(14080606)
482793.25	3734068.02	368.04474	(16101507)	482843.25	3734068.02	359.31365	(14102307)
482893.25	3734068.02	340.50247	(10080406)	482943.25	3734068.02	318.41654	(10010808)
482892.62	3734119.10	286.50076	(16011008)	482890.86	3734165.72	246.07223	(10042306)
483293.79	3733983.61	175.59780	(16102421)	483293.79	3733953.70	182.43631	(16012808)
483291.15	3733924.67	187.43399	(10021524)	483288.52	3733895.63	195.35957	(11102007)
483290.28	3733876.28	195.77996	(10042506)	483292.91	3733839.33	198.52439	(16103105)
483293.79	3733801.50	201.64035	(11102404)	483294.67	3733761.91	205.92486	(10102407)
483293.79	3733731.11	204.41485	(11081106)	483292.91	3733691.52	204.44060	(15122306)
483366.82	3733657.21	168.73029	(15031202)	482888.22	3733310.58	266.75421	(15080206)
482936.60	3733311.46	251.54895	(11091724)	482701.70	3732858.38	100.98491	(10080706)
482735.14	3732855.74	100.96169	(11011208)	482796.72	3732857.50	107.58907	(16012309)
482876.78	3732853.98	98.38395	(16112222)	483291.61	3734034.07	168.81145	(16011208)
483292.66	3734144.74	145.64126	(10122108)	483291.61	3734180.41	140.64313	(10011108)
483292.66	3734216.08	139.01016	(11022008)	482984.24	3733971.65	398.22391	(14020608)
483018.86	3733972.70	359.14714	(10011708)	482953.55	3732830.91	93.27636	(11071802)
483022.71	3732831.43	92.59323	(10111208)				

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID
SLINE1	1ST HIGHEST VALUE IS	435.07866 AT (482843.25, 3733868.02, 499.60, 499.60, 0.00)	DC
	2ND HIGHEST VALUE IS	370.68380 AT (482743.25, 3733868.02, 499.60, 499.60, 0.00)	DC
	3RD HIGHEST VALUE IS	365.24529 AT (482793.25, 3733868.02, 499.60, 499.60, 0.00)	DC
	4TH HIGHEST VALUE IS	337.36461 AT (482693.25, 3733868.02, 499.60, 499.60, 0.00)	DC
	5TH HIGHEST VALUE IS	336.77363 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00)	DC
	6TH HIGHEST VALUE IS	312.71573 AT (482643.25, 3733868.02, 499.60, 499.60, 0.00)	DC
	7TH HIGHEST VALUE IS	297.66534 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00)	DC
	8TH HIGHEST VALUE IS	284.66769 AT (482693.25, 3733768.02, 499.60, 499.60, 0.00)	DC
	9TH HIGHEST VALUE IS	280.06581 AT (482593.25, 3733818.02, 499.60, 499.60, 0.00)	DC
	10TH HIGHEST VALUE IS	277.64241 AT (482843.25, 3733818.02, 499.60, 499.60, 0.00)	DC
SLINE2	1ST HIGHEST VALUE IS	143.04651 AT (482443.25, 3733718.02, 499.60, 499.60, 0.00)	DC
	2ND HIGHEST VALUE IS	140.99407 AT (482443.25, 3733768.02, 499.60, 499.60, 0.00)	DC
	3RD HIGHEST VALUE IS	137.14852 AT (482443.25, 3733818.02, 499.60, 499.60, 0.00)	DC
	4TH HIGHEST VALUE IS	133.24682 AT (482443.25, 3733868.02, 499.60, 499.60, 0.00)	DC
	5TH HIGHEST VALUE IS	129.55237 AT (482443.25, 3733918.02, 499.60, 499.60, 0.00)	DC
	6TH HIGHEST VALUE IS	126.03292 AT (482443.25, 3733968.02, 499.60, 499.60, 0.00)	DC
	7TH HIGHEST VALUE IS	122.71844 AT (482443.25, 3734018.02, 499.60, 499.60, 0.00)	DC
	8TH HIGHEST VALUE IS	119.56772 AT (482443.25, 3734068.02, 499.60, 499.60, 0.00)	DC
	9TH HIGHEST VALUE IS	115.11451 AT (482893.25, 3733768.02, 499.60, 499.60, 0.00)	DC

10TH HIGHEST VALUE IS 114.30484 AT (482893.25, 3733718.02, 499.60, 499.60, 0.00) DC

SLINE3 1ST HIGHEST VALUE IS 147.79612 AT (482443.25, 3733568.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 139.57389 AT (482443.25, 3733668.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 136.83332 AT (482893.25, 3733718.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 133.87184 AT (482893.25, 3733768.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 131.23322 AT (482843.25, 3733668.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 129.63754 AT (482543.25, 3733668.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 126.22537 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 126.10560 AT (482643.25, 3733668.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 125.84562 AT (482443.25, 3733618.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 123.97828 AT (482893.25, 3733818.02, 499.60, 499.60, 0.00) DC

STCK1 1ST HIGHEST VALUE IS 50.16774 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 35.01737 AT (482793.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 34.50522 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 28.51770 AT (482743.25, 3733918.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 22.62203 AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 22.60988 AT (482793.25, 3733868.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 21.81266 AT (482843.25, 3733768.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 21.37473 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 21.26881 AT (482843.25, 3733718.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 18.90081 AT (482793.25, 3733918.02, 499.60, 499.60, 0.00) DC

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

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

STCK2 1ST HIGHEST VALUE IS 45.27319 AT (482693.25, 3733768.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 39.54798 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 33.72820 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 28.44945 AT (482693.25, 3733868.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 25.15491 AT (482693.25, 3733718.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 23.21851 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 19.95005 AT (482793.25, 3733668.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 19.94831 AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 19.90836 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 18.87750 AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC

STCK3 1ST HIGHEST VALUE IS 44.03235 AT (482593.25, 3733768.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 40.49208 AT (482643.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 33.74592 AT (482643.25, 3733718.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 28.69193 AT (482593.25, 3733868.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 24.68771 AT (482593.25, 3733718.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 23.09974 AT (482643.25, 3733668.02, 499.60, 499.60, 0.00) DC

7TH HIGHEST VALUE IS 20.21992 AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 20.05276 AT (482693.25, 3733668.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 19.73167 AT (482543.25, 3733818.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 19.14585 AT (482693.25, 3733718.02, 499.60, 499.60, 0.00) DC

STCK4 1ST HIGHEST VALUE IS 40.66398 AT (482693.25, 3733668.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 40.64555 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 31.14866 AT (482743.25, 3733618.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 30.22013 AT (482693.25, 3733768.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 22.70842 AT (482693.25, 3733618.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 21.69692 AT (482743.25, 3733568.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 21.61557 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 20.98080 AT (482643.25, 3733718.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 19.71228 AT (482793.25, 3733568.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 19.51512 AT (482793.25, 3733618.02, 499.60, 499.60, 0.00) DC

STCK5 1ST HIGHEST VALUE IS 1466.38773 AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 906.05596 AT (482793.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 507.08102 AT (482843.25, 3733718.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 430.25464 AT (482793.25, 3733668.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 359.39382 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 357.50073 AT (482843.25, 3733668.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 346.58161 AT (482843.25, 3733768.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 305.11803 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 260.92894 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 203.80441 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

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

STCK6 1ST HIGHEST VALUE IS 1556.00550 AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 940.12579 AT (482793.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 507.21834 AT (482843.25, 3733718.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 418.57670 AT (482793.25, 3733668.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 357.42772 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 352.30903 AT (482843.25, 3733668.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 351.57020 AT (482843.25, 3733768.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 307.56001 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 266.08015 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 200.79822 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC

VOL1 1ST HIGHEST VALUE IS 2195.15769 AT (482793.25, 3733868.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 1191.23176 AT (482843.25, 3733868.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 684.05976 AT (482793.25, 3733918.02, 499.60, 499.60, 0.00) DC

4TH HIGHEST VALUE IS 615.52993 AT (482843.25, 3733818.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 474.66927 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 459.27289 AT (482843.25, 3733918.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 263.82269 AT (482743.25, 3733868.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 234.58553 AT (482793.25, 3733968.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 220.01533 AT (482843.25, 3733768.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 211.89141 AT (482743.25, 3733918.02, 499.60, 499.60, 0.00) DC

VOL10 1ST HIGHEST VALUE IS 1539.61320 AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 680.77757 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 618.27552 AT (482793.25, 3733768.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 508.34044 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 460.98436 AT (482793.25, 3733668.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 275.69516 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 257.02980 AT (482843.25, 3733718.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 231.73849 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 226.54003 AT (482843.25, 3733668.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 221.18584 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00) DC

VOL2 1ST HIGHEST VALUE IS 5274.02889 AT (482743.25, 3733868.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 765.29326 AT (482743.25, 3733918.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 719.27748 AT (482793.25, 3733868.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 571.73847 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 497.25617 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 367.77628 AT (482793.25, 3733918.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 345.40280 AT (482693.25, 3733868.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 263.05974 AT (482693.25, 3733918.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 234.38918 AT (482743.25, 3733968.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 221.93260 AT (482693.25, 3733818.02, 499.60, 499.60, 0.00) DC

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
VOL3	1ST HIGHEST VALUE IS	753.18009 AT (482693.25, 3733918.02, 499.60, 499.60, 0.00) DC
	2ND HIGHEST VALUE IS	670.26188 AT (482693.25, 3733818.02, 499.60, 499.60, 0.00) DC
	3RD HIGHEST VALUE IS	483.75290 AT (482743.25, 3733868.02, 499.60, 499.60, 0.00) DC
	4TH HIGHEST VALUE IS	474.74927 AT (482643.25, 3733868.02, 499.60, 499.60, 0.00) DC
	5TH HIGHEST VALUE IS	389.87275 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC
	6TH HIGHEST VALUE IS	333.76808 AT (482643.25, 3733918.02, 499.60, 499.60, 0.00) DC
	7TH HIGHEST VALUE IS	295.03551 AT (482743.25, 3733918.02, 499.60, 499.60, 0.00) DC
	8TH HIGHEST VALUE IS	266.92501 AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC
	9TH HIGHEST VALUE IS	226.66304 AT (482693.25, 3733968.02, 499.60, 499.60, 0.00) DC
	10TH HIGHEST VALUE IS	202.74749 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC

VOL4 1ST HIGHEST VALUE IS 753.18009 AT (482693.25, 3733868.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 670.26188 AT (482693.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 483.75290 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 474.74927 AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 389.87275 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 333.76808 AT (482643.25, 3733868.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 295.03551 AT (482743.25, 3733868.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 266.92501 AT (482643.25, 3733768.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 226.66304 AT (482693.25, 3733918.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 202.74749 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC

VOL5 1ST HIGHEST VALUE IS 6976.25557 AT (482693.25, 3733718.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 1104.12378 AT (482693.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 488.59163 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 487.19172 AT (482693.25, 3733668.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 456.74806 AT (482643.25, 3733718.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 367.80621 AT (482643.25, 3733768.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 347.99097 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 338.19414 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 272.08251 AT (482693.25, 3733818.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 227.11710 AT (482643.25, 3733668.02, 499.60, 499.60, 0.00) DC

VOL6 1ST HIGHEST VALUE IS 753.18009 AT (482593.25, 3733868.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 670.26188 AT (482593.25, 3733768.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 483.75290 AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 474.74927 AT (482543.25, 3733818.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 389.87275 AT (482643.25, 3733768.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 333.76808 AT (482543.25, 3733868.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 295.03551 AT (482643.25, 3733868.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 266.92501 AT (482543.25, 3733768.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 226.66304 AT (482593.25, 3733918.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 202.74749 AT (482643.25, 3733718.02, 499.60, 499.60, 0.00) DC

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
VOL7	1ST HIGHEST VALUE IS	753.18009 AT (482593.25, 3733918.02, 499.60, 499.60, 0.00) DC
	2ND HIGHEST VALUE IS	670.26188 AT (482593.25, 3733818.02, 499.60, 499.60, 0.00) DC
	3RD HIGHEST VALUE IS	483.75290 AT (482643.25, 3733868.02, 499.60, 499.60, 0.00) DC
	4TH HIGHEST VALUE IS	474.74927 AT (482543.25, 3733868.02, 499.60, 499.60, 0.00) DC
	5TH HIGHEST VALUE IS	389.87275 AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC
	6TH HIGHEST VALUE IS	333.76808 AT (482543.25, 3733918.02, 499.60, 499.60, 0.00) DC
	7TH HIGHEST VALUE IS	295.03551 AT (482643.25, 3733918.02, 499.60, 499.60, 0.00) DC
	8TH HIGHEST VALUE IS	266.92501 AT (482543.25, 3733818.02, 499.60, 499.60, 0.00) DC

9TH HIGHEST VALUE IS 226.66304 AT (482593.25, 3733968.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 202.74749 AT (482643.25, 3733768.02, 499.60, 499.60, 0.00) DC

VOL8 1ST HIGHEST VALUE IS 753.18009 AT (482593.25, 3733818.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 670.26188 AT (482593.25, 3733718.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 483.75290 AT (482643.25, 3733768.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 474.74927 AT (482543.25, 3733768.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 389.87275 AT (482643.25, 3733718.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 333.76808 AT (482543.25, 3733818.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 295.03551 AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 266.92501 AT (482543.25, 3733718.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 226.66304 AT (482593.25, 3733868.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 202.74749 AT (482643.25, 3733668.02, 499.60, 499.60, 0.00) DC

VOL9 1ST HIGHEST VALUE IS 1539.61320 AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC
2ND HIGHEST VALUE IS 680.77757 AT (482743.25, 3733718.02, 499.60, 499.60, 0.00) DC
3RD HIGHEST VALUE IS 618.27552 AT (482793.25, 3733768.02, 499.60, 499.60, 0.00) DC
4TH HIGHEST VALUE IS 508.34044 AT (482743.25, 3733768.02, 499.60, 499.60, 0.00) DC
5TH HIGHEST VALUE IS 460.98436 AT (482793.25, 3733668.02, 499.60, 499.60, 0.00) DC
6TH HIGHEST VALUE IS 275.69516 AT (482743.25, 3733668.02, 499.60, 499.60, 0.00) DC
7TH HIGHEST VALUE IS 257.02980 AT (482843.25, 3733718.02, 499.60, 499.60, 0.00) DC
8TH HIGHEST VALUE IS 231.73849 AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC
9TH HIGHEST VALUE IS 226.54003 AT (482843.25, 3733668.02, 499.60, 499.60, 0.00) DC
10TH HIGHEST VALUE IS 221.18584 AT (482793.25, 3733818.02, 499.60, 499.60, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 19191 *** *** C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris *** 01/25/23
*** AERMET - VERSION 16216 *** *** *** 15:52:08

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	NETWORK RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
SLINE1	HIGH 1ST HIGH VALUE IS	1244.43585	ON 14020408: AT (482843.25, 3733868.02, 499.60, 499.60, 0.00) DC
SLINE2	HIGH 1ST HIGH VALUE IS	523.61853	ON 15020904: AT (482843.25, 3733668.02, 499.60, 499.60, 0.00) DC
SLINE3	HIGH 1ST HIGH VALUE IS	597.01465	ON 15020904: AT (482843.25, 3733668.02, 499.60, 499.60, 0.00) DC
STCK1	HIGH 1ST HIGH VALUE IS	1038.36175	ON 14042601: AT (482793.25, 3733868.02, 499.60, 499.60,

0.00) DC

STCK2 HIGH 1ST HIGH VALUE IS 994.73487 ON 11070219: AT (482693.25, 3733768.02, 499.60, 499.60, 0.00) DC

STCK3 HIGH 1ST HIGH VALUE IS 989.50979 ON 11070219: AT (482593.25, 3733768.02, 499.60, 499.60, 0.00) DC

STCK4 HIGH 1ST HIGH VALUE IS 1093.35042 ON 10040918: AT (482693.25, 3733768.02, 499.60, 499.60, 0.00) DC

STCK5 HIGH 1ST HIGH VALUE IS 15988.34150 ON 15060906: AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC

STCK6 HIGH 1ST HIGH VALUE IS 17146.62900 ON 15060906: AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC

VOL1 HIGH 1ST HIGH VALUE IS 23802.94594 ON 15012808: AT (482793.25, 3733868.02, 499.60, 499.60, 0.00) DC

VOL10 HIGH 1ST HIGH VALUE IS 6375.25384 ON 14100207: AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC

VOL2 HIGH 1ST HIGH VALUE IS 40372.10329 ON 15012808: AT (482743.25, 3733868.02, 499.60, 499.60, 0.00) DC

VOL3 HIGH 1ST HIGH VALUE IS 7180.66410 ON 15020108: AT (482743.25, 3733868.02, 499.60, 499.60, 0.00) DC

VOL4 HIGH 1ST HIGH VALUE IS 7180.66410 ON 15020108: AT (482743.25, 3733818.02, 499.60, 499.60, 0.00) DC

VOL5 HIGH 1ST HIGH VALUE IS 41621.89972 ON 15053006: AT (482693.25, 3733718.02, 499.60, 499.60, 0.00) DC

VOL6 HIGH 1ST HIGH VALUE IS 7180.66410 ON 15020108: AT (482643.25, 3733818.02, 499.60, 499.60, 0.00) DC

VOL7 HIGH 1ST HIGH VALUE IS 7180.66410 ON 15020108: AT (482643.25, 3733868.02, 499.60, 499.60, 0.00) DC

VOL8 HIGH 1ST HIGH VALUE IS 7180.66410 ON 15020108: AT (482643.25, 3733768.02, 499.60, 499.60, 0.00) DC

VOL9 HIGH 1ST HIGH VALUE IS 6375.25384 ON 14100207: AT (482793.25, 3733718.02, 499.60, 499.60, 0.00) DC

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

*** MODELOPTs: NonDFAULT CONC FLAT RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 16 Warning Message(s)
A Total of 2028 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 978 Calm Hours Identified

A Total of 1050 Missing Hours Identified (2.40 Percent)

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

******** WARNING MESSAGES ********

SO W320	660	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	661	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	662	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	663	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	664	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	665	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	666	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	667	VPARM: Input Parameter May Be Out-of-Range for Parameter	SZINIT
SO W320	1029	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	1030	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	1031	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	1032	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
ME W186	1299	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1299	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	
MX W450	17521	CHKDAT: Record Out of Sequence in Meteorological File at:	14010101
MX W450	17521	CHKDAT: Record Out of Sequence in Meteorological File at:	2 year gap

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

Appendix 4: HARP2 Output File

HARP2 - HRACalc (dated 22118) 1/25/2023 4:55:41 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCAcute
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating acute risk

Acute risk breakdown by pollutant and receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\AcuteNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\AcuteNCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 1/25/2023 4:55:02 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\ChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\ChronicNCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 1/25/2023 4:48:12 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\Residential CancerCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\Residential CancerCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 1/25/2023 4:56:32 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\Workplace CancerCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\Smith\Dropbox\My PC (DESKTOP-977GSBU)\Documents\HRA\Perris Pilot\PERRIS PILOT\hra\Workplace CancerCancerRiskSumByRec.csv
HRA ran successfully