

# Appendix G

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## Greenhouse Gas Emissions Supporting Information

**APPENDIX B – Model Inputs**

PM2.5 and Diesel PM Calculations for Modeling

4056	hrs/yr
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2018 Proposed Project

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	AERMOD		HARP
												Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr	
Grading	GRADE	-	118641.4	1.28E-01	7.73E-03	1.35E-01	6.29E-02	3.81E-03	6.67E-02	6.68E-08	4.05E-09	7.09E-08	15.4600	
Building Construction	Phase1C1	-	6818.2	1.66E-02	1.01E-03	1.76E-02	8.19E-03	4.96E-04	8.70E-03	1.51E-07	9.16E-09	1.61E-07	2.0116	
Building Construction	Phase1C2	-	2266.4	5.52E-03	3.34E-04	5.86E-03	2.72E-03	1.65E-04	2.89E-03	1.51E-07	9.16E-09	1.61E-07	0.6687	
Building Construction	Phase1C3	-	514	1.25E-03	7.58E-05	1.33E-03	6.17E-04	3.74E-05	6.56E-04	1.51E-07	9.16E-09	1.61E-07	0.1516	
Building Construction	Phase1C4	-	2464.8	6.00E-03	3.64E-04	6.38E-03	2.96E-03	1.79E-04	3.14E-03	1.51E-07	9.16E-09	1.61E-07	0.7272	
Building Construction	Phase1C5	-	2343.5	5.71E-03	3.46E-04	6.06E-03	2.82E-03	1.70E-04	2.99E-03	1.51E-07	9.16E-09	1.61E-07	0.6914	
Building Construction	Phase1C6	-	1413.5	3.44E-03	2.09E-04	3.66E-03	1.70E-03	1.03E-04	1.80E-03	1.51E-07	9.16E-09	1.61E-07	0.4170	
Building Construction	Phase1C7	-	766.3	1.87E-03	1.13E-04	1.98E-03	9.21E-04	5.57E-05	9.78E-04	1.51E-07	9.16E-09	1.61E-07	0.2261	
Building Construction	Phase1C8	-	734.6	1.79E-03	1.08E-04	1.90E-03	8.82E-04	5.34E-05	9.37E-04	1.51E-07	9.16E-09	1.61E-07	0.2167	
Building Construction	Phase1C9	-	575.2	1.40E-03	8.49E-05	1.49E-03	6.91E-04	4.18E-05	7.34E-04	1.51E-07	9.16E-09	1.61E-07	0.1697	
Road	Trucks	88	-	1.14E-01	3.43E-02	1.48E-01	5.63E-02	1.69E-02	7.32E-02	8.05E-05	2.42E-05	1.05E-04	68.6200	
Road	Worker Vehicles	88	-	3.63E-03	1.20E-04	3.75E-03	1.79E-03	5.92E-05	1.85E-03	2.56E-06	8.47E-08	2.65E-06	15.40	
Road	SUM											1.07E-04		

Speciate

2019 Proposed Project

AERMOD HARP

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Paving	GRADE	-	118641.4	1.27E-01	2.59E-03	1.29E-01	6.24E-02	1.28E-03	6.37E-02	6.62E-08	1.36E-09	6.76E-08	5.1800
Building Construction	Phase1C1	-	6818.2	1.66E-02	2.71E-03	1.93E-02	8.19E-03	1.34E-03	9.53E-03	1.51E-07	2.47E-08	1.76E-07	5.4175
Building Construction	Phase1C2	-	2266.4	5.52E-03	9.00E-04	6.42E-03	2.72E-03	4.44E-04	3.17E-03	1.51E-07	2.47E-08	1.76E-07	1.8008
Building Construction	Phase1C3	-	514	1.25E-03	2.04E-04	1.46E-03	6.17E-04	1.01E-04	7.18E-04	1.51E-07	2.47E-08	1.76E-07	0.4084
Building Construction	Phase1C4	-	2464.8	6.00E-03	9.79E-04	6.98E-03	2.96E-03	4.83E-04	3.44E-03	1.51E-07	2.47E-08	1.76E-07	1.9585
Building Construction	Phase1C5	-	2343.5	5.71E-03	9.31E-04	6.64E-03	2.82E-03	4.59E-04	3.27E-03	1.51E-07	2.47E-08	1.76E-07	1.8621
Building Construction	Phase1C6	-	1413.5	3.44E-03	5.62E-04	4.01E-03	1.70E-03	2.77E-04	1.97E-03	1.51E-07	2.47E-08	1.76E-07	1.1231
Building Construction	Phase1C7	-	766.3	1.87E-03	3.04E-04	2.17E-03	9.21E-04	1.50E-04	1.07E-03	1.51E-07	2.47E-08	1.76E-07	0.6089
Building Construction	Phase1C8	-	734.6	1.79E-03	2.92E-04	2.08E-03	8.82E-04	1.44E-04	1.03E-03	1.51E-07	2.47E-08	1.76E-07	0.5837
Building Construction	Phase1C9	-	575.2	1.40E-03	2.29E-04	1.63E-03	6.91E-04	1.13E-04	8.04E-04	1.51E-07	2.47E-08	1.76E-07	0.4570
900 Innes	RPD1	-	9243	4.10E-03	9.38E-03	1.35E-02	2.02E-03	4.62E-03	6.65E-03	2.76E-08	6.30E-08	9.06E-08	18.7523
900 Innes Offshore	PILE	-	31729	0.00E+00	2.79E-04	2.79E-04	0.00E+00	1.38E-04	1.38E-04	0.00E+00	5.47E-10	5.47E-10	0.5590
Road	Trucks	88	-	1.52E-01	4.31E-02	1.95E-01	7.48E-02	2.13E-02	9.61E-02	1.07E-04	3.04E-05	1.38E-04	86.2200
Road	Worker Vehicles	88	-	2.85E-01	9.54E-03	2.95E-01	1.41E-01	4.70E-03	1.45E-01	2.02E-04	6.74E-06	2.08E-04	1111.42
Road	SUM											3.46E-04	

Speciate

2020 Residential Project

AERMOD HARP

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6818.2	0.00E+00	2.62E-03	2.62E-03	0.00E+00	1.29E-03	1.29E-03	0.00E+00	2.39E-08	2.39E-08	5.2499
Building Construction	Phase1C2	-	2266.4	0.00E+00	8.73E-04	8.73E-04	0.00E+00	4.30E-04	4.30E-04	0.00E+00	2.39E-08	2.39E-08	1.7451
Building Construction	Phase1C3	-	514	0.00E+00	1.98E-04	1.98E-04	0.00E+00	9.76E-05	9.76E-05	0.00E+00	2.39E-08	2.39E-08	0.3958
Building Construction	Phase1C4	-	2464.8	0.00E+00	9.49E-04	9.49E-04	0.00E+00	4.68E-04	4.68E-04	0.00E+00	2.39E-08	2.39E-08	1.8979
Building Construction	Phase1C5	-	2343.5	0.00E+00	9.02E-04	9.02E-04	0.00E+00	4.45E-04	4.45E-04	0.00E+00	2.39E-08	2.39E-08	1.8045
Building Construction	Phase1C6	-	1413.5	0.00E+00	5.44E-04	5.44E-04	0.00E+00	2.68E-04	2.68E-04	0.00E+00	2.39E-08	2.39E-08	1.0884
Building Construction	Phase1C7	-	766.3	0.00E+00	2.95E-04	2.95E-04	0.00E+00	1.45E-04	1.45E-04	0.00E+00	2.39E-08	2.39E-08	0.5900
Building Construction	Phase1C8	-	734.6	0.00E+00	2.83E-04	2.83E-04	0.00E+00	1.39E-04	1.39E-04	0.00E+00	2.39E-08	2.39E-08	0.5656
Building Construction	Phase1C9	-	575.2	0.00E+00	2.21E-04	2.21E-04	0.00E+00	1.09E-04	1.09E-04	0.00E+00	2.39E-08	2.39E-08	0.4429
Big Green	BIGGRN	-	23683.5	5.32E-03	3.25E-03	8.57E-03	2.62E-03	1.60E-03	4.23E-03	1.40E-08	8.53E-09	2.25E-08	6.5000
Shoreline Wetlands/IBOS	SHORE	-	21869.2	1.66E-02	1.73E-03	1.84E-02	8.19E-03	8.51E-04	9.07E-03	4.72E-08	4.90E-09	5.21E-08	3.4517
Shoreline Park	RPD2	-	29685.8	2.04E-02	6.96E-03	2.73E-02	1.01E-02	3.43E-03	1.35E-02	4.27E-08	1.46E-08	5.73E-08	13.9200
Shoreline Park Offshore	PILE	-	31729	0.00E+00	1.27E-03	1.27E-03	0.00E+00	6.26E-04	6.26E-04	0.00E+00	2.48E-09	2.48E-09	2.5374
Building Construction	Phase2C1	-	1298.9	3.72E-03	1.73E-04	3.89E-03	1.83E-03	8.51E-05	1.92E-03	1.78E-07	8.26E-09	1.86E-07	0.3453
Building Construction	Phase2C2	-	828.5	2.37E-03	1.10E-04	2.48E-03	1.17E-03	5.43E-05	1.22E-03	1.78E-07	8.26E-09	1.86E-07	0.2202
Building Construction	Phase2C3	-	3116.8	8.92E-03	4.14E-04	9.33E-03	4.40E-03	2.04E-04	4.60E-03	1.78E-07	8.26E-09	1.86E-07	0.8285
Building Construction	Phase2C4	-	1038.9	2.97E-03	1.38E-04	3.11E-03	1.47E-03	6.81E-05	1.53E-03	1.78E-07	8.26E-09	1.86E-07	0.2761
Building Construction	Phase2C5	-	1217.5	3.49E-03	1.62E-04	3.64E-03	1.72E-03	7.98E-05	1.80E-03	1.78E-07	8.26E-09	1.86E-07	0.3236
Building Construction	Phase2C6	-	1086.4	3.11E-03	1.44E-04	3.25E-03	1.53E-03	7.12E-05	1.60E-03	1.78E-07	8.26E-09	1.86E-07	0.2888
Building Construction	Phase2C7	-	2172.6	6.22E-03	2.89E-04	6.50E-03	3.07E-03	1.42E-04	3.21E-03	1.78E-07	8.26E-09	1.86E-07	0.5775
Road	Trucks	88	-	6.24E-02	1.96E-02	8.21E-02	3.08E-02	9.67E-03	4.05E-02	4.40E-05	1.39E-05	5.79E-05	39.2400
Road	Worker Vehicles	88	-	2.68E-01	8.91E-03	2.77E-01	1.32E-01	4.39E-03	1.37E-01	1.89E-04	6.29E-06	1.95E-04	967.48
Road	SUM											2.53E-04	

Speciate

2021 Residential Project

AERMOD HARP

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6818.2	0.00E+00	1.90E-05	1.90E-05	0.00E+00	9.39E-06	9.39E-06	0.00E+00	1.74E-10	1.74E-10	0.0381
Building Construction	Phase1C2	-	2266.4	0.00E+00	6.33E-06	6.33E-06	0.00E+00	3.12E-06	3.12E-06	0.00E+00	1.74E-10	1.74E-10	0.0127
Building Construction	Phase1C3	-	514	0.00E+00	1.44E-06	1.44E-06	0.00E+00	7.08E-07	7.08E-07	0.00E+00	1.74E-10	1.74E-10	0.0029
Building Construction	Phase1C4	-	2464.8	0.00E+00	6.89E-06	6.89E-06	0.00E+00	3.40E-06	3.40E-06	0.00E+00	1.74E-10	1.74E-10	0.0138
Building Construction	Phase1C5	-	2343.5	0.00E+00	6.55E-06	6.55E-06	0.00E+00	3.23E-06	3.23E-06	0.00E+00	1.74E-10	1.74E-10	0.0131
Building Construction	Phase1C6	-	1413.5	0.00E+00	3.95E-06	3.95E-06	0.00E+00	1.95E-06	1.95E-06	0.00E+00	1.74E-10	1.74E-10	0.0079
Building Construction	Phase1C7	-	766.3	0.00E+00	2.14E-06	2.14E-06	0.00E+00	1.06E-06	1.06E-06	0.00E+00	1.74E-10	1.74E-10	0.0043
Building Construction	Phase1C8	-	734.6	0.00E+00	2.05E-06	2.05E-06	0.00E+00	1.01E-06	1.01E-06	0.00E+00	1.74E-10	1.74E-10	0.0041
Building Construction	Phase1C9	-	575.2	0.00E+00	1.61E-06	1.61E-06	0.00E+00	7.92E-07	7.92E-07	0.00E+00	1.74E-10	1.74E-10	0.0032
Big Green	BIGGRN	-	23683.5	0.00E+00	1.67E-03	1.67E-03	0.00E+00	8.23E-04	8.23E-04	0.00E+00	4.38E-09	4.38E-09	3.3400
Shoreline Wetlands/IBOS	SHORE	-	21869.2	0.00E+00	4.48E-03	4.48E-03	0.00E+00	2.21E-03	2.21E-03	0.00E+00	1.27E-08	1.27E-08	8.9552
Building Construction	Phase2C1	-	1298.9	3.72E-03	8.49E-04	4.57E-03	1.83E-03	4.18E-04	2.25E-03	1.78E-07	4.06E-08	2.18E-07	1.6973
Building Construction	Phase2C2	-	828.5	2.37E-03	5.41E-04	2.92E-03	1.17E-03	2.67E-04	1.44E-03	1.78E-07	4.06E-08	2.18E-07	1.0826
Building Construction	Phase2C3	-	3116.8	8.92E-03	2.04E-03	1.10E-02	4.40E-03	1.00E-03	5.41E-03	1.78E-07	4.06E-08	2.18E-07	4.0728
Building Construction	Phase2C4	-	1038.9	2.97E-03	6.79E-04	3.66E-03	1.47E-03	3.35E-04	1.80E-03	1.78E-07	4.06E-08	2.18E-07	1.3576
Building Construction	Phase2C5	-	1217.5	3.49E-03	7.95E-04	4.29E-03	1.72E-03	3.92E-04	2.11E-03	1.78E-07	4.06E-08	2.18E-07	1.5910
Building Construction	Phase2C6	-	1086.4	3.11E-03	7.10E-04	3.82E-03	1.53E-03	3.50E-04	1.89E-03	1.78E-07	4.06E-08	2.18E-07	1.4196
Building Construction	Phase2C7	-	2172.6	6.22E-03	1.42E-03	7.65E-03	3.07E-03	7.00E-04	3.77E-03	1.78E-07	4.06E-08	2.18E-07	2.8390
Beach Pier	BEACH	-	5190.4	1.72E-02	9.20E-04	1.81E-02	8.48E-03	4.54E-04	8.94E-03	2.06E-07	1.10E-08	2.17E-07	1.8400
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.70E-02	0.003	0.020	8.38E-03	1.28E-03	9.66E-03	1.20E-05	1.84E-06	1.38E-05	5.2000
Road	Worker Vehicles	88	-	1.25E-01	0.004	0.129	6.15E-02	2.01E-03	6.34E-02	8.80E-05	2.87E-06	9.09E-05	420.68
Road	SUM				0.007	0.148						1.05E-04	

Speciate

2022 Residential Project

AERMOD HARP

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Building Construction	Phase2C1	-	1298.9	0.00E+00	5.92E-04	5.92E-04	0.00E+00	2.92E-04	2.92E-04	0.00E+00	2.83E-08	2.83E-08	1.1831
Building Construction	Phase2C2	-	828.5	0.00E+00	3.77E-04	3.77E-04	0.00E+00	1.86E-04	1.86E-04	0.00E+00	2.83E-08	2.83E-08	0.7546
Building Construction	Phase2C3	-	3116.8	0.00E+00	1.42E-03	1.42E-03	0.00E+00	7.00E-04	7.00E-04	0.00E+00	2.83E-08	2.83E-08	2.8388
Building Construction	Phase2C4	-	1038.9	0.00E+00	4.73E-04	4.73E-04	0.00E+00	2.33E-04	2.33E-04	0.00E+00	2.83E-08	2.83E-08	0.9462
Building Construction	Phase2C5	-	1217.5	0.00E+00	5.54E-04	5.54E-04	0.00E+00	2.73E-04	2.73E-04	0.00E+00	2.83E-08	2.83E-08	1.1089
Building Construction	Phase2C6	-	1086.4	0.00E+00	4.95E-04	4.95E-04	0.00E+00	2.44E-04	2.44E-04	0.00E+00	2.83E-08	2.83E-08	0.9895
Building Construction	Phase2C7	-	2172.6	0.00E+00	9.89E-04	9.89E-04	0.00E+00	4.88E-04	4.88E-04	0.00E+00	2.83E-08	2.83E-08	1.9788
Beach Pier	BEACH	-	5190.4	0.00E+00	4.34E-03	4.34E-03	0.00E+00	2.14E-03	2.14E-03	0.00E+00	5.19E-08	5.19E-08	8.6800
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.01E-02	1.37E-03	1.15E-02	4.98E-03	6.76E-04	5.67E-03	7.13E-06	9.67E-07	8.10E-06	2.7400
Road	Worker Vehicles	88	-	7.90E-02	2.50E-03	8.01E-02	3.89E-02	1.23E-03	3.95E-02	5.58E-05	1.77E-06	5.75E-05	247.54
Road	SUM											6.56E-05	

Speciate

**Operations - Residential Project**

												AERMOD	HARP
Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
300 hp Emergency Engine at Flats & Earl	EMGEN4	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
500 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	6.89E-05	6.89E-05	-	8.68E-06	8.68E-06	0.6035
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
300 hp Emergency Engine at Flats & Earl	EMGEN8	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621



Innes Avenue (North of Donahue Street)	INNESN	74	Cars	8.60E-02	4.21E-03	9.03E-02	1.96E-02	9.61E-04	2.06E-02	3.35E-05	1.64E-06	3.51E-05	294.04	Speciate
Hunter's Point Boulevard	HUNT	32	Cars	5.06E-02	2.47E-03	5.30E-02	1.15E-02	5.64E-04	1.21E-02	4.55E-05	2.22E-06	4.77E-05	172.77	Speciate
Evans Avenue	EVANS	14	Cars	2.21E-02	1.08E-03	2.32E-02	5.05E-03	2.47E-04	5.30E-03	4.55E-05	2.22E-06	4.77E-05	75.59	Speciate
New Griffith Street	GRIFF	3	Cars	1.79E-02	8.77E-04	1.88E-02	4.09E-03	2.00E-04	4.29E-03	1.72E-04	8.41E-06	1.80E-04	61.26	Speciate
New Hudson Street (Avenue?)	NHUD	43	Cars	3.23E-02	1.58E-03	3.39E-02	7.38E-03	3.61E-04	7.74E-03	2.16E-05	1.06E-06	2.27E-05	110.44	Speciate
Arelious Walker Drive	ARELI	6	Cars	3.72E-02	1.82E-03	3.90E-02	8.49E-03	4.15E-04	8.91E-03	1.78E-04	8.72E-06	1.87E-04	127.07	Speciate
Earl Street (North of Innes Avenue)	EARLN	39	Cars	3.23E-02	1.58E-03	3.39E-02	7.38E-03	3.61E-04	7.74E-03	2.38E-05	1.17E-06	2.50E-05	110.44	Speciate
Donahue Street (South of Galvez Avenue)	DONS	27	Cars	6.47E-04	3.16E-05	6.79E-04	1.48E-04	7.22E-06	1.55E-04	6.89E-07	3.37E-08	7.23E-07	2.21	Speciate
Galvez Avenue	GALVEZ	6	Cars	1.44E-04	7.03E-06	1.51E-04	3.28E-05	1.61E-06	3.44E-05	6.89E-07	3.37E-08	7.23E-07	0.49	Speciate
Innes Avenue (South of Donahue Street)	INNESS	14	Cars	3.36E-04	1.64E-05	3.52E-04	7.66E-05	3.75E-06	8.03E-05	6.89E-07	3.37E-08	7.23E-07	1.15	Speciate
Hudson Avenue	HUDSON	17	Cars	4.07E-04	1.99E-05	4.27E-04	9.30E-05	4.55E-06	9.76E-05	6.89E-07	3.37E-08	7.23E-07	1.39	Speciate
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Cars	3.12E-04	1.52E-05	3.27E-04	7.11E-05	3.48E-06	7.46E-05	6.89E-07	3.37E-08	7.23E-07	1.06	Speciate
Friedell Street	FRIED	25	Cars	5.99E-04	2.93E-05	6.28E-04	1.37E-04	6.69E-06	1.43E-04	6.89E-07	3.37E-08	7.23E-07	2.05	Speciate
Jerrold Avenue	JERR	20	Cars	4.79E-04	2.34E-05	5.03E-04	1.09E-04	5.35E-06	1.15E-04	6.89E-07	3.37E-08	7.23E-07	1.64	Speciate
Northridge Road	NORTH	68	Cars	1.63E-03	7.97E-05	1.71E-03	3.72E-04	1.82E-05	3.90E-04	6.89E-07	3.37E-08	7.23E-07	5.57	Speciate
Earl Street (South of Innes Avenue)	EARLS	8	Cars	1.92E-04	9.37E-06	2.01E-04	4.38E-05	2.14E-06	4.59E-05	6.89E-07	3.37E-08	7.23E-07	0.66	Speciate
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Cars	1.61E-03	7.85E-05	1.68E-03	3.67E-04	1.79E-05	3.85E-04	6.89E-07	3.37E-08	7.23E-07	5.49	Speciate
Ingalls Street	INGALLS	33	Cars	7.91E-04	3.87E-05	8.30E-04	1.81E-04	8.83E-06	1.89E-04	6.89E-07	3.37E-08	7.23E-07	2.70	Speciate
Jennings Street	JENN	8	Cars	6.15E-04	3.01E-05	6.45E-04	1.40E-04	6.86E-06	1.47E-04	2.21E-06	1.08E-07	2.32E-06	2.10	Speciate
Middle Point Road	MIDDLE	29	Cars	6.95E-04	3.40E-05	7.29E-04	1.59E-04	7.76E-06	1.66E-04	6.89E-07	3.37E-08	7.23E-07	2.37	Speciate
Hawes Street	HAWES	4	Cars	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	Speciate

Innes Avenue (North of Donahue Street)	INNESN	74	Trucks	6.08E-03	2.97E-04	6.37E-03	-	6.78E-05	6.78E-05	-	1.15E-07	1.15E-07	0.5942
Hunter's Point Boulevard	HUNT	32	Trucks	3.57E-03	1.75E-04	3.74E-03	-	3.99E-05	3.99E-05	-	1.57E-07	1.57E-07	0.3492
Evans Avenue	EVANS	14	Trucks	1.56E-03	7.64E-05	1.64E-03	-	1.74E-05	1.74E-05	-	1.57E-07	1.57E-07	0.1528
New Griffith Street	GRIFF	3	Trucks	1.27E-03	6.19E-05	1.33E-03	-	1.41E-05	1.41E-05	-	5.94E-07	5.94E-07	0.1238
New Hudson Street (Avenue?)	NHUD	43	Trucks	2.28E-03	1.12E-04	2.39E-03	-	2.55E-05	2.55E-05	-	7.47E-08	7.47E-08	0.2232
Arelious Walker Drive	ARELI	6	Trucks	2.63E-03	1.28E-04	2.75E-03	-	2.93E-05	2.93E-05	-	6.16E-07	6.16E-07	0.2568
Earl Street (North of Innes Avenue)	EARLN	39	Trucks	2.28E-03	1.12E-04	2.39E-03	-	2.55E-05	2.55E-05	-	8.23E-08	8.23E-08	0.2232
Donahue Street (South of Galvez Avenue)	DONS	27	Trucks	4.57E-05	2.23E-06	4.79E-05	-	5.10E-07	5.10E-07	-	2.38E-09	2.38E-09	0.0045
Galvez Avenue	GALVEZ	6	Trucks	1.02E-05	4.96E-07	1.07E-05	-	1.13E-07	1.13E-07	-	2.38E-09	2.38E-09	0.0010
Innes Avenue (South of Donahue Street)	INNESS	14	Trucks	2.37E-05	1.16E-06	2.49E-05	-	2.64E-07	2.64E-07	-	2.38E-09	2.38E-09	0.0023
Hudson Avenue	HUDSON	17	Trucks	2.88E-05	1.41E-06	3.02E-05	-	3.21E-07	3.21E-07	-	2.38E-09	2.38E-09	0.0028
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Trucks	2.20E-05	1.08E-06	2.31E-05	-	2.46E-07	2.46E-07	-	2.38E-09	2.38E-09	0.0022
Friedell Street	FRIED	25	Trucks	4.23E-05	2.07E-06	4.44E-05	-	4.72E-07	4.72E-07	-	2.38E-09	2.38E-09	0.0041
Jerrold Avenue	JERR	20	Trucks	3.38E-05	1.65E-06	3.55E-05	-	3.78E-07	3.78E-07	-	2.38E-09	2.38E-09	0.0033
Northridge Road	NORTH	68	Trucks	1.15E-04	5.63E-06	1.21E-04	-	1.28E-06	1.28E-06	-	2.38E-09	2.38E-09	0.0113
Earl Street (South of Innes Avenue)	EARLS	8	Trucks	1.35E-05	6.62E-07	1.42E-05	-	1.51E-07	1.51E-07	-	2.38E-09	2.38E-09	0.0013
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Trucks	1.13E-04	5.54E-06	1.19E-04	-	1.27E-06	1.27E-06	-	2.38E-09	2.38E-09	0.0111
Ingalls Street	INGALLS	33	Trucks	5.58E-05	2.73E-06	5.86E-05	-	6.23E-07	6.23E-07	-	2.38E-09	2.38E-09	0.0055
Jennings Street	JENN	8	Trucks	4.34E-05	2.12E-06	4.55E-05	-	4.85E-07	4.85E-07	-	7.63E-09	7.63E-09	0.0042
Middle Point Road	MIDDLE	29	Trucks	4.91E-05	2.40E-06	5.15E-05	-	5.48E-07	5.48E-07	-	2.38E-09	2.38E-09	0.0048
Hawes Street	HAWES	4	Trucks	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.0000

Innes Avenue (North of Donahue Street)	INNESN	74	Total			9.66E-02			2.07E-02			3.52E-05	N/A
Hunter's Point Boulevard	HUNT	32	Total			5.68E-02			1.21E-02			4.78E-05	N/A
Evans Avenue	EVANS	14	Total			2.48E-02			5.31E-03			4.78E-05	N/A
New Griffith Street	GRIFF	3	Total			2.01E-02			4.31E-03			1.81E-04	N/A
New Hudson Street (Avenue?)	NHUD	43	Total			3.63E-02			7.77E-03			2.28E-05	N/A
Arelious Walker Drive	ARELI	6	Total			4.18E-02			8.93E-03			1.88E-04	N/A
Earl Street (North of Innes Avenue)	EARLN	39	Total			3.63E-02			7.77E-03			2.51E-05	N/A
Donahue Street (South of Galvez Avenue)	DONS	27	Total			7.27E-04			1.55E-04			7.25E-07	N/A
Galvez Avenue	GALVEZ	6	Total			1.61E-04			3.45E-05			7.25E-07	N/A
Innes Avenue (South of Donahue Street)	INNESS	14	Total			3.77E-04			8.06E-05			7.25E-07	N/A
Hudson Avenue	HUDSON	17	Total			4.57E-04			9.79E-05			7.25E-07	N/A
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Total			3.50E-04			7.49E-05			7.25E-07	N/A
Friedell Street	FRIED	25	Total			6.73E-04			1.44E-04			7.25E-07	N/A
Jerrold Avenue	JERR	20	Total			5.38E-04			1.15E-04			7.25E-07	N/A
Northridge Road	NORTH	68	Total			1.83E-03			3.92E-04			7.25E-07	N/A
Earl Street (South of Innes Avenue)	EARLS	8	Total			2.15E-04			4.61E-05			7.25E-07	N/A
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Total			1.80E-03			3.86E-04			7.25E-07	N/A
Ingalls Street	INGALLS	33	Total			8.88E-04			1.90E-04			7.25E-07	N/A
Jennings Street	JENN	8	Total			6.90E-04			1.48E-04			2.33E-06	N/A
Middle Point Road	MIDDLE	29	Total			7.80E-04			1.67E-04			7.25E-07	N/A
Hawes Street	HAWES	4	Total			0.00E+00			0.00E+00			0.00E+00	N/A

0.307 0.015 0.322

**Proposed Project**

Construction Phase	Area Source	Area (m2)	g/s/m2 (1 g/s)
Phase 1	Grade	118641.4	8.4288E-06
	Phase1C1	6818.2	1.4667E-04
	Phase1C2	2266.4	4.4123E-04
	Phase1C3	514	1.9455E-03
	Phase1C4	2464.8	4.0571E-04
	Phase1C5	2343.5	4.2671E-04
	Phase1C6	1413.5	7.0746E-04
	Phase1C7	766.3	1.3050E-03
	Phase1C8	734.6	1.3613E-03
Phase 2	Phase1C9	575.2	1.7385E-03
	BIGGRN	23683.5	4.2223E-05
	SHORE	21869.2	4.5726E-05
	BEACH	5190.4	1.92663E-04
	Phase2C1	1298.9	7.69882E-04
	Phase2C2	828.5	1.20700E-03
	Phase2C3	3116.8	3.20842E-04
	Phase2C4	1038.9	9.62557E-04
	Phase2C5	1217.5	8.21355E-04
Phase2C6	1086.4	9.20471E-04	
Phase2C7	2172.6	4.60278E-04	

	Area Source	Area (m2)	g/s/m2 (1 g/s)
	RPD1	9243	1.08190E-04
	RPD2	29685.8	3.36861E-05

	Area Source	Area (m2)	g/s/m2 (1 g/s)
Offshore	PILE	31729	3.15169E-05

**Maximum Commercial Variant**

Construction Phase	Area Source	Area (m2)	g/s/m2 (1 g/s)	
Phase 1	Grade	118641.4	8.42876E-06	
	Phase1C1	6612.0	1.51240E-04	
	Phase1C2	1468.6	6.80921E-04	
	Phase1C3	514.0	1.94553E-03	
	Phase1C4	4507.7	2.21843E-04	
	Phase1C5	5671.8	1.76311E-04	
	Phase1C6	766.3	1.30497E-03	
	Phase1C7	734.6	1.36129E-03	
	Phase1C8	575.2	1.73853E-03	
	BIGGRN	23683.5	4.22235E-05	
	SHORE	21869.2	4.57264E-05	
	Phase 2	BEACH	5190.4	1.92663E-04
		Phase2C1	1298.9	7.69882E-04
		Phase2C2	828.5	1.20700E-03
		Phase2C3	3116.8	3.20842E-04
Phase2C4		1038.9	9.62557E-04	
Phase2C5		1217.5	8.21355E-04	
Phase2C6		1086.4	9.20471E-04	
Phase2C7	2172.6	4.60278E-04		

	Area Source	Area (m2)	g/s/m2 (1 g/s)
	RPD1	9243	1.08190E-04
	RPD2	29685.8	3.36861E-05

	Area Source	Area (m2)	g/s/m2 (1 g/s)
Offshore	PILE	31729	3.15169E-05

Road Modeling Information for Operations

Road	Road Width (ft)	Road Width (m)	Source	Base Elevation	Model ID	Line Volume Src Type	Plume Height (m)	Plume Width (m)	Release Height (m)	Initial Lateral Dimension (m)	Initial Vertical Dimension (m)	# Volume Sources	Total Length (m)	g/s per vol (1 g/s)
Innes Avenue (North of Donahue Street)	44.00	13.41	Table 3-4,India_Basin_TIS2_9.23.	varies - AERMAP	INNESN	Adjacent	4.00	13.41	2.00	varies - based on plume width	2.30	74	997.8	0.01351351
Hunter's Point Boulevard	44.00	13.41	Table 3-4,India_Basin_TIS2_9.23.	varies - AERMAP	HUNT	Adjacent	4.00	13.41	2.00	varies - based on plume width	2.30	32	428.8	0.03125
Evans Avenue	44.00	13.41	Table 3-4,India_Basin_TIS2_9.23.	varies - AERMAP	EVANS	Adjacent	4.00	13.41	2.00	varies - based on plume width	2.30	14	185.4	0.07142857
New Griffith Street	26.00	7.92	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	GRIFF	Adjacent	4.00	7.92	2.00	varies - based on plume width	2.30	3	23.6	0.33333333
New Hudson Street (Avenue?)	35.00	10.67	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	NHUD	Adjacent	4.00	10.67	2.00	varies - based on plume width	2.30	43	463.8	0.02325581
Arelious Walker Drive	40.00	12.19	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	ARELI	Adjacent	4.00	12.19	2.00	varies - based on plume width	2.30	6	71.2	0.16666667
Earl Street (North of Innes Avenue)	28.00	8.53	Table 1-2,India_Basin_TIS2_9.23.	varies - AERMAP	EARLN	Adjacent	4.00	8.53	2.00	varies - based on plume width	2.30	39	337.1	0.02564103
Donahue Street (South of Galvez Avenue)	40.00	12.19	Google Earth Measurement	varies - AERMAP	DONS	Adjacent	4.00	12.19	2.00	varies - based on plume width	2.30	27	326.6	0.03703704
Galvez Avenue	80.00	24.38	Google Earth Measurement	varies - AERMAP	GALVEZ	Adjacent	4.00	24.38	2.00	varies - based on plume width	2.30	6	155.8	0.16666667
Innes Avenue (South of Donahue Street)	40.00	12.19	Average Google Earth Measurement	varies - AERMAP	INNESS	Adjacent	4.00	12.19	2.00	varies - based on plume width	2.30	14	167.2	0.07142857
Hudson Avenue	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	HUDSON	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	17	168.3	0.05882353
Kirkwood Avenue/La Salle (South of Donahue Street)	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	KIRKS	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	13	129.7	0.07692308
Friedell Street	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	FRIED	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	25	248.1	0.04
Jerrold Avenue	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	JERR	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	20	199.9	0.05
Northridge Road	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	NORTH	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	68	664.5	0.01470588
Earl Street (South of Innes Avenue)	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	EARLS	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	8	82	0.125
Kirkwood Avenue (North of Donahue Street)	32.00	9.75	Average Google Earth Measurement	varies - AERMAP	KIRKN	Adjacent	4.00	9.75	2.00	varies - based on plume width	2.30	67	649.3	0.01492537
Ingalls Street	36.00	10.97	Average Google Earth Measurement	varies - AERMAP	INGALLS	Adjacent	4.00	10.97	2.00	varies - based on plume width	2.30	33	358.7	0.03030303
Jennings Street	42.00	12.80	Average Google Earth Measurement	varies - AERMAP	JENN	Adjacent	4.00	12.80	2.00	varies - based on plume width	2.30	8	96	0.125
Middle Point Road	34.00	10.36	Average Google Earth Measurement	varies - AERMAP	MIDDLE	Adjacent	4.00	10.36	2.00	varies - based on plume width	2.30	29	300.4	0.03448276
Hawes Street	60.00	18.29	Average Google Earth Measurement	varies - AERMAP	HAWES	Adjacent	4.00	18.29	2.00	varies - based on plume width	2.30	4	74.8	0.25

Road Modeling Information for Construction

Road	Road Width (ft)	Source
Innes Ave.	44.00	Table 3-4,India_Basin_TIS2_9.23.16. Circulaiton Subvariant
Hunter's Point Blvd	44.00	Table 3-4,India_Basin_TIS2_9.23.16. Circulaiton Subvariant
Evans Avenue	44.00	Table 3-4,India_Basin_TIS2_9.23.16. Circulaiton Subvariant

Adjacent Line Source Parameters - All Roads		Source
Model ID	CONST	---
Plume Height (m)	4.00	CRRP-HRA - release height = 2m
Plume Width (m)	13.41	Road Widths
Release Height (m)	2.00	CRRP-HRA
Initial Lateral Dimension (m)	varies	Based on Road Width
Initial Vertical Dimension (m)	2.30	CRRP-HRA
Base Elevation (m)	varies	AERMAP
# Volume Sources	88	LAKES
Total Length (m)	1182.5	LAKES

g/s per VOL (1 g/s)

0.011363636

```
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE 2018-2020 Existing Receptors - Residential Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION GRADE AREAPOLY 555042.085 4176328.678 6.096
LOCATION PHASE1C1 AREAPOLY 555026.479 4176281.861 6.096
LOCATION PHASE1C2 AREAPOLY 555222.916 4176198.157 7.620
LOCATION PHASE1C3 AREAPOLY 555289.282 4176118.664 12.192
LOCATION PHASE1C4 AREAPOLY 555231.976 4176205.533 5.182
LOCATION PHASE1C5 AREAPOLY 555317.935 4176185.976 6.096
LOCATION PHASE1C6 AREAPOLY 555317.253 4176112.524 6.096
LOCATION PHASE1C7 AREAPOLY 555172.354 4176309.620 4.572
LOCATION PHASE1C8 AREAPOLY 555097.859 4176300.036 4.572
LOCATION PHASE1C9 AREAPOLY 555465.541 4176252.551 4.572
LOCATION BIGGRN AREAPOLY 555029.810 4176309.841 4.572
LOCATION SHORE AREAPOLY 555121.109 4176331.718 4.572
LOCATION RPD1 AREAPOLY 554905.075 4176422.558 12.380
LOCATION RPD2 AREAPOLY 554918.029 4176546.199 15.180
LOCATION PILE AREAPOLY 555036.003 4176394.153 0.000
LOCATION PHASE2C1 AREAPOLY 555388.531 4176143.749 5.791
LOCATION PHASE2C2 AREAPOLY 555433.844 4176203.876 5.182
LOCATION PHASE2C3 AREAPOLY 555354.546 4176254.417 5.182
LOCATION PHASE2C4 AREAPOLY 555316.578 4176272.940 5.182
LOCATION PHASE2C5 AREAPOLY 555322.465 4176279.362 4.572
LOCATION PHASE2C6 AREAPOLY 555398.992 4176311.471 4.572
LOCATION PHASE2C7 AREAPOLY 555359.658 4176270.532 5.182
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 8
```

\*\* 555339.829, 4176031.731, 18.90, 2.00, 6.24  
\*\* 554903.494, 4176341.253, 12.12, 2.00, 6.24  
\*\* 554890.980, 4176370.453, 12.52, 2.00, 6.24  
\*\* 554890.980, 4176412.167, 12.52, 2.00, 6.24  
\*\* 554897.654, 4176446.373, 12.75, 2.00, 6.24  
\*\* 554913.506, 4176649.941, 14.38, 2.00, 6.24  
\*\* 554849.265, 4176789.267, 10.80, 2.00, 6.24  
\*\* 554702.430, 4176896.057, 9.06, 2.00, 6.24

\*\* -----

LOCATION	L0001430	VOLUME	555334.360	4176035.610	18.82
LOCATION	L0001431	VOLUME	555323.423	4176043.369	18.65
LOCATION	L0001432	VOLUME	555312.485	4176051.128	18.48
LOCATION	L0001433	VOLUME	555301.548	4176058.887	18.31
LOCATION	L0001434	VOLUME	555290.610	4176066.645	18.14
LOCATION	L0001435	VOLUME	555279.672	4176074.404	17.97
LOCATION	L0001436	VOLUME	555268.735	4176082.163	17.80
LOCATION	L0001437	VOLUME	555257.797	4176089.922	17.63
LOCATION	L0001438	VOLUME	555246.860	4176097.680	17.46
LOCATION	L0001439	VOLUME	555235.922	4176105.439	17.29
LOCATION	L0001440	VOLUME	555224.985	4176113.198	17.12
LOCATION	L0001441	VOLUME	555214.047	4176120.957	16.95
LOCATION	L0001442	VOLUME	555203.110	4176128.715	16.78
LOCATION	L0001443	VOLUME	555192.172	4176136.474	16.61
LOCATION	L0001444	VOLUME	555181.235	4176144.233	16.44
LOCATION	L0001445	VOLUME	555170.297	4176151.992	16.27
LOCATION	L0001446	VOLUME	555159.359	4176159.750	16.10
LOCATION	L0001447	VOLUME	555148.422	4176167.509	15.93
LOCATION	L0001448	VOLUME	555137.484	4176175.268	15.76
LOCATION	L0001449	VOLUME	555126.547	4176183.027	15.59
LOCATION	L0001450	VOLUME	555115.609	4176190.785	15.42
LOCATION	L0001451	VOLUME	555104.672	4176198.544	15.25
LOCATION	L0001452	VOLUME	555093.734	4176206.303	15.08
LOCATION	L0001453	VOLUME	555082.797	4176214.062	14.91
LOCATION	L0001454	VOLUME	555071.859	4176221.820	14.74
LOCATION	L0001455	VOLUME	555060.922	4176229.579	14.57
LOCATION	L0001456	VOLUME	555049.984	4176237.338	14.40
LOCATION	L0001457	VOLUME	555039.046	4176245.096	14.23
LOCATION	L0001458	VOLUME	555028.109	4176252.855	14.06
LOCATION	L0001459	VOLUME	555017.171	4176260.614	13.89
LOCATION	L0001460	VOLUME	555006.234	4176268.373	13.72
LOCATION	L0001461	VOLUME	554995.296	4176276.131	13.55
LOCATION	L0001462	VOLUME	554984.359	4176283.890	13.38
LOCATION	L0001463	VOLUME	554973.421	4176291.649	13.21
LOCATION	L0001464	VOLUME	554962.484	4176299.408	13.04
LOCATION	L0001465	VOLUME	554951.546	4176307.166	12.87
LOCATION	L0001466	VOLUME	554940.608	4176314.925	12.70
LOCATION	L0001467	VOLUME	554929.671	4176322.684	12.53
LOCATION	L0001468	VOLUME	554918.733	4176330.443	12.36
LOCATION	L0001469	VOLUME	554907.796	4176338.201	12.19
LOCATION	L0001470	VOLUME	554900.289	4176348.731	12.22
LOCATION	L0001471	VOLUME	554895.007	4176361.057	12.39
LOCATION	L0001472	VOLUME	554890.980	4176373.640	12.52
LOCATION	L0001473	VOLUME	554890.980	4176387.050	12.52
LOCATION	L0001474	VOLUME	554890.980	4176400.460	12.52
LOCATION	L0001475	VOLUME	554891.306	4176413.839	12.53
LOCATION	L0001476	VOLUME	554893.874	4176427.000	12.62
LOCATION	L0001477	VOLUME	554896.442	4176440.162	12.71



LOCATION	L0001478	VOLUME	554898.204	4176453.434	12.81
LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

\*\* End of LINE VOLUME Source ID = CONST

\*\* Source Parameters \*\*

SRCPARAM	GRADE	8.43E-06	2.000	61	1.400
AREAVERT	GRADE	555042.085	4176328.678	555007.327	4176277.605
AREAVERT	GRADE	555037.829	4176257.034	555055.563	4176281.861
AREAVERT	GRADE	555074.006	4176269.093	555054.144	4176242.846
AREAVERT	GRADE	555092.449	4176216.600	555110.893	4176242.846
AREAVERT	GRADE	555130.045	4176229.369	555112.311	4176203.832
AREAVERT	GRADE	555138.557	4176185.389	555154.163	4176212.344
AREAVERT	GRADE	555185.375	4176190.354	555168.350	4176166.946
AREAVERT	GRADE	555259.147	4176102.394	555276.172	4176129.350
AREAVERT	GRADE	555288.940	4176120.128	555272.625	4176092.464
AREAVERT	GRADE	555285.394	4176084.661	555302.418	4176110.197
AREAVERT	GRADE	555352.073	4176074.020	555335.048	4176049.193
AREAVERT	GRADE	555351.363	4176039.262	555547.145	4176317.329
AREAVERT	GRADE	555526.574	4176332.934	555515.224	4176332.934

AREAVERT	GRADE	555506.712	4176342.156	555490.397	4176357.052
AREAVERT	GRADE	555481.884	4176360.599	555469.116	4176370.530
AREAVERT	GRADE	555456.348	4176386.136	555452.092	4176390.392
AREAVERT	GRADE	555440.033	4176392.520	555403.856	4176428.697
AREAVERT	GRADE	555396.053	4176437.209	555387.540	4176441.466
AREAVERT	GRADE	555364.132	4176479.771	555349.945	4176491.830
AREAVERT	GRADE	555337.176	4176506.726	555318.024	4176514.529
AREAVERT	GRADE	555296.743	4176506.726	555271.916	4176484.027
AREAVERT	GRADE	555264.822	4176473.386	555261.985	4176464.874
AREAVERT	GRADE	555249.216	4176442.175	555226.517	4176423.732
AREAVERT	GRADE	555208.783	4176400.323	555191.049	4176374.786
AREAVERT	GRADE	555181.828	4176367.693	555168.350	4176354.924
AREAVERT	GRADE	555158.419	4176347.121	555144.941	4176340.737
AREAVERT	GRADE	555127.917	4176337.191	555120.114	4176329.388
AREAVERT	GRADE	555114.439	4176329.388	555098.834	4176337.191
AREAVERT	GRADE	555086.065	4176328.678	555078.262	4176335.062
AREAVERT	GRADE	555081.100	4176342.865	555074.006	4176347.831
AREAVERT	GRADE	555052.726	4176320.166		
SRCPARAM	PHASE1C1	0.00014667	2.000	29	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555110.129	4176243.865
AREAVERT	PHASE1C1	555129.845	4176230.024	555139.976	4176222.985
AREAVERT	PHASE1C1	555123.661	4176198.157	555135.011	4176189.645
AREAVERT	PHASE1C1	555152.744	4176214.472	555186.084	4176189.645
AREAVERT	PHASE1C1	555198.852	4176208.798	555180.409	4176228.659
AREAVERT	PHASE1C1	555186.111	4176237.453	555180.127	4176244.292
AREAVERT	PHASE1C1	555184.893	4176249.767	555160.948	4176259.925
AREAVERT	PHASE1C1	555152.717	4176248.321	555147.779	4176249.512
AREAVERT	PHASE1C1	555153.454	4176262.708	555133.792	4176267.728
AREAVERT	PHASE1C1	555132.628	4176266.764	555094.523	4176277.886
AREAVERT	PHASE1C1	555094.751	4176280.015	555057.518	4176286.854
AREAVERT	PHASE1C1	555045.150	4176285.034		
SRCPARAM	PHASE1C2	0.00044123	2.000	20	1.400
AREAVERT	PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT	PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT	PHASE1C2	555213.328	4176137.084	555215.375	4176139.813
AREAVERT	PHASE1C2	555216.967	4176138.903	555215.830	4176136.856
AREAVERT	PHASE1C2	555232.885	4176125.031	555234.250	4176126.623
AREAVERT	PHASE1C2	555235.159	4176125.941	555233.567	4176123.439
AREAVERT	PHASE1C2	555248.576	4176112.069	555267.451	4176139.585
AREAVERT	PHASE1C2	555252.442	4176149.591	555244.710	4176138.448
AREAVERT	PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT	PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM	PHASE1C3	0.00195	2.000	4	1.400
AREAVERT	PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT	PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM	PHASE1C4	0.0004057	2.000	12	1.400
AREAVERT	PHASE1C4	555231.976	4176205.533	555251.760	4176172.104
AREAVERT	PHASE1C4	555261.766	4176177.562	555250.850	4176196.664
AREAVERT	PHASE1C4	555275.183	4176211.446	555284.279	4176202.804
AREAVERT	PHASE1C4	555256.763	4176155.731	555272.454	4176145.953
AREAVERT	PHASE1C4	555304.973	4176200.303	555289.964	4176212.583
AREAVERT	PHASE1C4	555284.506	4176218.723	555272.454	4176231.002
SRCPARAM	PHASE1C5	0.0004267	2.000	8	1.400
AREAVERT	PHASE1C5	555317.935	4176185.976	555283.597	4176137.084

AREAVERT PHASE1C5	555299.060	4176125.941	555319.527	4176156.186
AREAVERT PHASE1C5	555338.856	4176137.311	555324.757	4176120.028
AREAVERT PHASE1C5	555339.084	4176109.795	555363.416	4176141.177
SRCPARAM PHASE1C6	0.00070746	2.000	6	1.400
AREAVERT PHASE1C6	555317.253	4176112.524	555310.431	4176103.428
AREAVERT PHASE1C6	555351.136	4176075.229	555388.658	4176114.571
AREAVERT PHASE1C6	555376.151	4176128.442	555343.177	4176094.331
SRCPARAM PHASE1C7	0.00130497	2.000	4	1.400
AREAVERT PHASE1C7	555172.354	4176309.620	555171.918	4176276.511
AREAVERT PHASE1C7	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM PHASE1C8	0.00136	2.000	3	1.400
AREAVERT PHASE1C8	555097.859	4176300.036	555158.413	4176281.303
AREAVERT PHASE1C8	555157.978	4176305.699		
SRCPARAM PHASE1C9	0.00174	2.000	4	1.400
AREAVERT PHASE1C9	555465.541	4176252.551	555485.145	4176238.610
AREAVERT PHASE1C9	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM BIGGRN	0.00004222	2.000	37	1.400
AREAVERT BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT BIGGRN	555310.070	4176426.231	555283.832	4176397.478
AREAVERT BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT BIGGRN	555118.162	4176329.858	555096.816	4176337.700
AREAVERT BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT BIGGRN	555041.488	4176328.551		
SRCPARAM SHORE	0.00004573	2.000	34	1.400
AREAVERT SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM RPD1	0.0001082	2.000	24	1.400
AREAVERT RPD1	554905.075	4176422.558	554980.246	4176369.605
AREAVERT RPD1	554962.471	4176345.536	554982.468	4176331.094

AREAVERT	RPD1	554963.582	4176307.395	555016.535	4176270.365
AREAVERT	RPD1	555052.084	4176320.356	555067.636	4176307.765
AREAVERT	RPD1	555090.965	4176337.389	555081.707	4176343.314
AREAVERT	RPD1	555090.965	4176350.720	555088.373	4176352.942
AREAVERT	RPD1	555091.335	4176355.534	555088.003	4176358.867
AREAVERT	RPD1	555070.599	4176347.387	555049.121	4176367.383
AREAVERT	RPD1	555080.226	4176393.675	555077.264	4176396.637
AREAVERT	RPD1	555027.274	4176351.461	555010.980	4176372.197
AREAVERT	RPD1	555012.462	4176379.603	554994.317	4176375.530
AREAVERT	RPD1	554981.357	4176388.861	554906.927	4176439.221
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		
SRCPARAM	PHASE2C1	0.000076988	2.000	6	1.400
AREAVERT	PHASE2C1	555388.531	4176143.749	555402.038	4176131.985
AREAVERT	PHASE2C1	555419.901	4176159.870	555443.865	4176189.062
AREAVERT	PHASE2C1	555429.051	4176200.826	555407.702	4176174.684
SRCPARAM	PHASE2C2	0.001207	2.000	4	1.400
AREAVERT	PHASE2C2	555433.844	4176203.876	555446.044	4176196.033
AREAVERT	PHASE2C2	555475.672	4176243.525	555462.165	4176250.932
SRCPARAM	PHASE2C3	0.0003208	2.000	15	1.400
AREAVERT	PHASE2C3	555354.546	4176254.417	555332.633	4176202.834
AREAVERT	PHASE2C3	555346.815	4176191.596	555347.885	4176193.737
AREAVERT	PHASE2C3	555368.221	4176180.893	555366.348	4176179.287
AREAVERT	PHASE2C3	555384.008	4176170.190	555420.399	4176215.946
AREAVERT	PHASE2C3	555404.611	4176227.451	555381.065	4176240.295
AREAVERT	PHASE2C3	555373.037	4176223.973	555393.908	4176212.467
AREAVERT	PHASE2C3	555380.529	4176195.610	555354.574	4176209.256
AREAVERT	PHASE2C3	555371.699	4176246.717		
SRCPARAM	PHASE2C4	0.00096256	2.000	6	1.400

AREAVERT	PHASE2C4	555316.578	4176272.940	555289.285	4176245.379
AREAVERT	PHASE2C4	555313.100	4176219.959	555327.816	4176232.000
AREAVERT	PHASE2C4	555314.438	4176245.647	555329.690	4176260.631
SRCPARAM	PHASE2C5	0.0008214	2.000	8	1.400
AREAVERT	PHASE2C5	555322.465	4176279.362	555338.252	4176268.391
AREAVERT	PHASE2C5	555355.377	4176294.881	555361.264	4176298.895
AREAVERT	PHASE2C5	555379.727	4176316.823	555366.883	4176330.737
AREAVERT	PHASE2C5	555348.688	4176312.006	555340.660	4176304.782
SRCPARAM	PHASE2C6	0.00092047	2.000	12	1.400
AREAVERT	PHASE2C6	555398.992	4176311.471	555408.625	4176301.571
AREAVERT	PHASE2C6	555417.188	4176297.022	555437.256	4176286.051
AREAVERT	PHASE2C6	555439.664	4176283.910	555461.873	4176268.123
AREAVERT	PHASE2C6	555469.365	4176280.699	555447.424	4176295.951
AREAVERT	PHASE2C6	555444.213	4176298.627	555423.877	4176309.330
AREAVERT	PHASE2C6	555419.328	4176312.809	555408.893	4176321.907
SRCPARAM	PHASE2C7	0.0004603	2.000	12	1.400
AREAVERT	PHASE2C7	555359.658	4176270.532	555389.092	4176301.035
AREAVERT	PHASE2C7	555401.133	4176288.994	555407.287	4176282.305
AREAVERT	PHASE2C7	555427.356	4176268.658	555444.213	4176261.166
AREAVERT	PHASE2C7	555426.553	4176225.578	555409.963	4176233.873
AREAVERT	PHASE2C7	555419.328	4176252.604	555396.584	4176267.588
AREAVERT	PHASE2C7	555388.557	4176272.940	555373.572	4176256.082
** LINE VOLUME Source ID = CONST					
SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001432	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001444	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001445	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001446	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001447	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001449	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001450	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001451	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001452	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001453	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001454	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001455	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001456	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001457	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001458	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001459	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001460	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001461	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001462	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001463	0.0113636364	2.00	6.24	2.30

SRCPARAM	L0001464	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001465	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001466	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001467	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001468	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001469	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001470	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001471	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001472	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001473	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001474	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001475	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001476	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001477	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001478	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001479	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001480	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001481	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001482	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001483	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001484	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001485	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001486	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001487	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001488	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001489	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001490	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001491	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001492	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001493	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001494	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001495	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001496	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001497	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001498	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001499	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001500	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001501	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001502	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001503	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001504	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001505	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001506	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001507	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001508	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001510	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001511	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001512	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001514	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30

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\*\* Variable Emissions Type: "By Hour / Day (HRDOW)"

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** WeekDays:
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT GRADE      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT GRADE      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C1   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C1   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C2   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C2   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE1C3   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C3   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C3   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C3   HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C3   HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C3   HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

```

EMISFACT PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0



EMISFACT PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT SHORE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT SHORE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT SHORE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							

EMISFACT SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT SHORE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT SHORE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT SHORE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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** WeekDays:
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C5      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C5      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C6      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C6      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE2C7      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE2C7      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT L0001430      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0001430      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001430      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001430      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT L0001431      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0001431      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001431      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001431      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
  EMISFACT L0001432      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0001432      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT L0001432      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  
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EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0



EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0



EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0











EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

SRCGROUP	GRADE	GRADE						
SRCGROUP	PHASE1C1	PHASE1C1						
SRCGROUP	PHASE1C2	PHASE1C2						
SRCGROUP	PHASE1C3	PHASE1C3						
SRCGROUP	PHASE1C4	PHASE1C4						
SRCGROUP	PHASE1C5	PHASE1C5						
SRCGROUP	PHASE1C6	PHASE1C6						
SRCGROUP	PHASE1C7	PHASE1C7						
SRCGROUP	PHASE1C8	PHASE1C8						
SRCGROUP	PHASE1C9	PHASE1C9						
SRCGROUP	BIGGRN	BIGGRN						
SRCGROUP	SHORE	SHORE						
SRCGROUP	RPD1	RPD1						
SRCGROUP	RPD2	RPD2						
SRCGROUP	PILE	PILE						
SRCGROUP	PHASE2C1	PHASE2C1						
SRCGROUP	PHASE2C2	PHASE2C2						
SRCGROUP	PHASE2C3	PHASE2C3						
SRCGROUP	PHASE2C4	PHASE2C4						
SRCGROUP	PHASE2C5	PHASE2C5						
SRCGROUP	PHASE2C6	PHASE2C6						
SRCGROUP	PHASE2C7	PHASE2C7						
SRCGROUP	CONST	L0001430	L0001431	L0001432	L0001433	L0001434	L0001435	
SRCGROUP	CONST	L0001436	L0001437	L0001438	L0001439	L0001440	L0001441	
SRCGROUP	CONST	L0001442	L0001443	L0001444	L0001445	L0001446	L0001447	
SRCGROUP	CONST	L0001448	L0001449	L0001450	L0001451	L0001452	L0001453	
SRCGROUP	CONST	L0001454	L0001455	L0001456	L0001457	L0001458	L0001459	
SRCGROUP	CONST	L0001460	L0001461	L0001462	L0001463	L0001464	L0001465	
SRCGROUP	CONST	L0001466	L0001467	L0001468	L0001469	L0001470	L0001471	
SRCGROUP	CONST	L0001472	L0001473	L0001474	L0001475	L0001476	L0001477	
SRCGROUP	CONST	L0001478	L0001479	L0001480	L0001481	L0001482	L0001483	
SRCGROUP	CONST	L0001484	L0001485	L0001486	L0001487	L0001488	L0001489	
SRCGROUP	CONST	L0001490	L0001491	L0001492	L0001493	L0001494	L0001495	
SRCGROUP	CONST	L0001496	L0001497	L0001498	L0001499	L0001500	L0001501	

SRCGROUP CONST L0001502 L0001503 L0001504 L0001505 L0001506 L0001507  
SRCGROUP CONST L0001508 L0001509 L0001510 L0001511 L0001512 L0001513  
SRCGROUP CONST L0001514 L0001515 L0001516 L0001517

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED PreCon.ROU

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE mission\_bay\_2008.SFC

PROFFILE mission\_bay\_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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OU STARTING

OU RECTABLE ALLAVE 1

PLOTFILE 1 GRADE 1ST Plots\GRADE\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C1 1ST Plots\PHASE1C1\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE1C9 1ST Plots\PHASE1C9\_1hr\_2018-2020EP.PLT

PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN\_1hr\_2018-2020EP.PLT

PLOTFILE 1 SHORE 1ST Plots\SHORE\_1hr\_2018-2020EP.PLT

PLOTFILE 1 RPD1 1ST Plots\RPD1\_1hr\_2018-2020EP.PLT

PLOTFILE 1 RPD2 1ST Plots\RPD2\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PILE 1ST Plots\PILE\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6\_1hr\_2018-2020EP.PLT

PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7\_1hr\_2018-2020EP.PLT

PLOTFILE 1 CONST 1ST Plots\CONST\_1hr\_2018-2020EP.PLT



PLOTFILE PERIOD GRADE Plots\GRADE\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C1 Plots\PHASE1C1\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C3 Plots\PHASE1C3\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE1C9 Plots\PHASE1C9\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD BIGGRN Plots\BIGGRN\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD SHORE Plots\SHORE\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD RPD1 Plots\RPD1\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD RPD2 Plots\RPD2\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PILE Plots\PILE\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE2C2 Plots\PHASE2C2\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE2C4 Plots\PHASE2C4\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE2C5 Plots\PHASE2C5\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE2C6 Plots\PHASE2C6\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD PHASE2C7 Plots\PHASE2C7\_Ann\_2018-2020EP.PLT  
PLOTFILE PERIOD CONST Plots\CONST\_Ann\_2018-2020EP.PLT

OU FINISHED

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\*\* Project Parameters

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\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM North American Datum 1983  
\*\* DTMRGN CONUS  
\*\* UNITS m  
\*\* ZONE 10  
\*\* ZONEINX 0  
\*\*

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**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE 2020-2021 Existing Receptors - Residential Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION PHASE1C1      AREAPOLY  555026.479  4176281.861      6.096
LOCATION PHASE1C2      AREAPOLY  555222.916  4176198.157      7.620
LOCATION PHASE1C3      AREAPOLY  555289.282  4176118.664     12.192
LOCATION PHASE1C4      AREAPOLY  555231.976  4176205.533      5.182
LOCATION PHASE1C5      AREAPOLY  555317.935  4176185.976      6.096
LOCATION PHASE1C6      AREAPOLY  555317.253  4176112.524      6.096
LOCATION PHASE1C7      AREAPOLY  555172.354  4176309.620      4.572
LOCATION PHASE1C8      AREAPOLY  555097.859  4176300.036      4.572
LOCATION PHASE1C9      AREAPOLY  555465.541  4176252.551      4.572
LOCATION BIGGRN        AREAPOLY  555029.810  4176309.841      4.572
LOCATION SHORE         AREAPOLY  555121.109  4176331.718      4.572
LOCATION RPD2          AREAPOLY  554918.029  4176546.199     15.180
LOCATION PILE          AREAPOLY  555036.003  4176394.153      0.000
LOCATION PHASE2C1      AREAPOLY  555388.531  4176143.749      5.791
LOCATION PHASE2C2      AREAPOLY  555433.844  4176203.876      5.182
LOCATION PHASE2C3      AREAPOLY  555354.546  4176254.417      5.182
LOCATION PHASE2C4      AREAPOLY  555316.578  4176272.940      5.182
LOCATION PHASE2C5      AREAPOLY  555322.465  4176279.362      4.572
LOCATION PHASE2C6      AREAPOLY  555398.992  4176311.471      4.572
LOCATION PHASE2C7      AREAPOLY  555359.658  4176270.532      5.182
LOCATION BEACH         AREAPOLY  555456.986  4176385.345      4.572
LOCATION EMGEN1        POINT     555132.289  4176268.496      4.572
LOCATION EMGEN2        POINT     555244.723  4176214.288      5.182
LOCATION EMGEN3        POINT     555244.697  4176254.889      4.572
LOCATION EMGEN5        POINT     555130.892  4176268.960      4.572
LOCATION EMGEN6        POINT     555246.510  4176214.828      5.182
LOCATION EMGEN7        POINT     555246.148  4176255.337      4.572
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41

```

\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 8  
\*\* 555339.829, 4176031.731, 18.90, 2.00, 6.24  
\*\* 554903.494, 4176341.253, 12.12, 2.00, 6.24  
\*\* 554890.980, 4176370.453, 12.52, 2.00, 6.24  
\*\* 554890.980, 4176412.167, 12.52, 2.00, 6.24  
\*\* 554897.654, 4176446.373, 12.75, 2.00, 6.24  
\*\* 554913.506, 4176649.941, 14.38, 2.00, 6.24  
\*\* 554849.265, 4176789.267, 10.80, 2.00, 6.24  
\*\* 554702.430, 4176896.057, 9.06, 2.00, 6.24  
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LOCATION	L0001430	VOLUME	555334.360	4176035.610	18.82
LOCATION	L0001431	VOLUME	555323.423	4176043.369	18.65
LOCATION	L0001432	VOLUME	555312.485	4176051.128	18.48
LOCATION	L0001433	VOLUME	555301.548	4176058.887	18.31
LOCATION	L0001434	VOLUME	555290.610	4176066.645	18.14
LOCATION	L0001435	VOLUME	555279.672	4176074.404	17.97
LOCATION	L0001436	VOLUME	555268.735	4176082.163	17.80
LOCATION	L0001437	VOLUME	555257.797	4176089.922	17.63
LOCATION	L0001438	VOLUME	555246.860	4176097.680	17.46
LOCATION	L0001439	VOLUME	555235.922	4176105.439	17.29
LOCATION	L0001440	VOLUME	555224.985	4176113.198	17.12
LOCATION	L0001441	VOLUME	555214.047	4176120.957	16.95
LOCATION	L0001442	VOLUME	555203.110	4176128.715	16.78
LOCATION	L0001443	VOLUME	555192.172	4176136.474	16.61
LOCATION	L0001444	VOLUME	555181.235	4176144.233	16.44
LOCATION	L0001445	VOLUME	555170.297	4176151.992	16.27
LOCATION	L0001446	VOLUME	555159.359	4176159.750	16.10
LOCATION	L0001447	VOLUME	555148.422	4176167.509	15.93
LOCATION	L0001448	VOLUME	555137.484	4176175.268	15.76
LOCATION	L0001449	VOLUME	555126.547	4176183.027	15.59
LOCATION	L0001450	VOLUME	555115.609	4176190.785	15.42
LOCATION	L0001451	VOLUME	555104.672	4176198.544	15.25
LOCATION	L0001452	VOLUME	555093.734	4176206.303	15.08
LOCATION	L0001453	VOLUME	555082.797	4176214.062	14.91
LOCATION	L0001454	VOLUME	555071.859	4176221.820	14.74
LOCATION	L0001455	VOLUME	555060.922	4176229.579	14.57
LOCATION	L0001456	VOLUME	555049.984	4176237.338	14.40
LOCATION	L0001457	VOLUME	555039.046	4176245.096	14.23
LOCATION	L0001458	VOLUME	555028.109	4176252.855	14.06
LOCATION	L0001459	VOLUME	555017.171	4176260.614	13.89
LOCATION	L0001460	VOLUME	555006.234	4176268.373	13.72
LOCATION	L0001461	VOLUME	554995.296	4176276.131	13.55
LOCATION	L0001462	VOLUME	554984.359	4176283.890	13.38
LOCATION	L0001463	VOLUME	554973.421	4176291.649	13.21
LOCATION	L0001464	VOLUME	554962.484	4176299.408	13.04
LOCATION	L0001465	VOLUME	554951.546	4176307.166	12.87
LOCATION	L0001466	VOLUME	554940.608	4176314.925	12.70
LOCATION	L0001467	VOLUME	554929.671	4176322.684	12.53
LOCATION	L0001468	VOLUME	554918.733	4176330.443	12.36
LOCATION	L0001469	VOLUME	554907.796	4176338.201	12.19
LOCATION	L0001470	VOLUME	554900.289	4176348.731	12.22
LOCATION	L0001471	VOLUME	554895.007	4176361.057	12.39
LOCATION	L0001472	VOLUME	554890.980	4176373.640	12.52

LOCATION	L0001473	VOLUME	554890.980	4176387.050	12.52
LOCATION	L0001474	VOLUME	554890.980	4176400.460	12.52
LOCATION	L0001475	VOLUME	554891.306	4176413.839	12.53
LOCATION	L0001476	VOLUME	554893.874	4176427.000	12.62
LOCATION	L0001477	VOLUME	554896.442	4176440.162	12.71
LOCATION	L0001478	VOLUME	554898.204	4176453.434	12.81
LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

\*\* End of LINE VOLUME Source ID = CONST

\*\* Source Parameters \*\*

SRCPARAM	PHASE1C1	0.00014667	2.000	29	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555110.129	4176243.865
AREAVERT	PHASE1C1	555129.845	4176230.024	555139.976	4176222.985
AREAVERT	PHASE1C1	555123.661	4176198.157	555135.011	4176189.645
AREAVERT	PHASE1C1	555152.744	4176214.472	555186.084	4176189.645
AREAVERT	PHASE1C1	555198.852	4176208.798	555180.409	4176228.659

AREAVERT PHASE1C1	555186.111	4176237.453	555180.127	4176244.292
AREAVERT PHASE1C1	555184.893	4176249.767	555160.948	4176259.925
AREAVERT PHASE1C1	555152.717	4176248.321	555147.779	4176249.512
AREAVERT PHASE1C1	555153.454	4176262.708	555133.792	4176267.728
AREAVERT PHASE1C1	555132.628	4176266.764	555094.523	4176277.886
AREAVERT PHASE1C1	555094.751	4176280.015	555057.518	4176286.854
AREAVERT PHASE1C1	555045.150	4176285.034		
SRCPARAM PHASE1C2	0.00044123	2.000	20	1.400
AREAVERT PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT PHASE1C2	555213.328	4176137.084	555215.375	4176139.813
AREAVERT PHASE1C2	555216.967	4176138.903	555215.830	4176136.856
AREAVERT PHASE1C2	555232.885	4176125.031	555234.250	4176126.623
AREAVERT PHASE1C2	555235.159	4176125.941	555233.567	4176123.439
AREAVERT PHASE1C2	555248.576	4176112.069	555267.451	4176139.585
AREAVERT PHASE1C2	555252.442	4176149.591	555244.710	4176138.448
AREAVERT PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM PHASE1C3	0.00195	2.000	4	1.400
AREAVERT PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM PHASE1C4	0.0004057	2.000	12	1.400
AREAVERT PHASE1C4	555231.976	4176205.533	555251.760	4176172.104
AREAVERT PHASE1C4	555261.766	4176177.562	555250.850	4176196.664
AREAVERT PHASE1C4	555275.183	4176211.446	555284.279	4176202.804
AREAVERT PHASE1C4	555256.763	4176155.731	555272.454	4176145.953
AREAVERT PHASE1C4	555304.973	4176200.303	555289.964	4176212.583
AREAVERT PHASE1C4	555284.506	4176218.723	555272.454	4176231.002
SRCPARAM PHASE1C5	0.0004267	2.000	8	1.400
AREAVERT PHASE1C5	555317.935	4176185.976	555283.597	4176137.084
AREAVERT PHASE1C5	555299.060	4176125.941	555319.527	4176156.186
AREAVERT PHASE1C5	555338.856	4176137.311	555324.757	4176120.028
AREAVERT PHASE1C5	555339.084	4176109.795	555363.416	4176141.177
SRCPARAM PHASE1C6	0.00070746	2.000	6	1.400
AREAVERT PHASE1C6	555317.253	4176112.524	555310.431	4176103.428
AREAVERT PHASE1C6	555351.136	4176075.229	555388.658	4176114.571
AREAVERT PHASE1C6	555376.151	4176128.442	555343.177	4176094.331
SRCPARAM PHASE1C7	0.00130497	2.000	4	1.400
AREAVERT PHASE1C7	555172.354	4176309.620	555171.918	4176276.511
AREAVERT PHASE1C7	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM PHASE1C8	0.00136	2.000	3	1.400
AREAVERT PHASE1C8	555097.859	4176300.036	555158.413	4176281.303
AREAVERT PHASE1C8	555157.978	4176305.699		
SRCPARAM PHASE1C9	0.00174	2.000	4	1.400
AREAVERT PHASE1C9	555465.541	4176252.551	555485.145	4176238.610
AREAVERT PHASE1C9	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM BIGGRN	0.00004222	2.000	37	1.400
AREAVERT BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT BIGGRN	555310.070	4176426.231	555283.832	4176397.478

AREAVERT	BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT	BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT	BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT	BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT	BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT	BIGGRN	555118.162	4176329.858	555096.816	4176337.700
AREAVERT	BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT	BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT	BIGGRN	555041.488	4176328.551		
SRCPARAM	SHORE	0.00004573	2.000	34	1.400
AREAVERT	SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT	SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT	SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT	SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT	SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT	SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT	SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT	SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT	SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT	SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT	SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT	SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT	SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT	SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT	SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT	SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT	SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		

SRCPARAM PHASE2C1	0.00076988	2.000	6	1.400	
AREAVERT PHASE2C1	555388.531	4176143.749	555402.038	4176131.985	
AREAVERT PHASE2C1	555419.901	4176159.870	555443.865	4176189.062	
AREAVERT PHASE2C1	555429.051	4176200.826	555407.702	4176174.684	
SRCPARAM PHASE2C2	0.001207	2.000	4	1.400	
AREAVERT PHASE2C2	555433.844	4176203.876	555446.044	4176196.033	
AREAVERT PHASE2C2	555475.672	4176243.525	555462.165	4176250.932	
SRCPARAM PHASE2C3	0.0003208	2.000	15	1.400	
AREAVERT PHASE2C3	555354.546	4176254.417	555332.633	4176202.834	
AREAVERT PHASE2C3	555346.815	4176191.596	555347.885	4176193.737	
AREAVERT PHASE2C3	555368.221	4176180.893	555366.348	4176179.287	
AREAVERT PHASE2C3	555384.008	4176170.190	555420.399	4176215.946	
AREAVERT PHASE2C3	555404.611	4176227.451	555381.065	4176240.295	
AREAVERT PHASE2C3	555373.037	4176223.973	555393.908	4176212.467	
AREAVERT PHASE2C3	555380.529	4176195.610	555354.574	4176209.256	
AREAVERT PHASE2C3	555371.699	4176246.717			
SRCPARAM PHASE2C4	0.00096256	2.000	6	1.400	
AREAVERT PHASE2C4	555316.578	4176272.940	555289.285	4176245.379	
AREAVERT PHASE2C4	555313.100	4176219.959	555327.816	4176232.000	
AREAVERT PHASE2C4	555314.438	4176245.647	555329.690	4176260.631	
SRCPARAM PHASE2C5	0.0008214	2.000	8	1.400	
AREAVERT PHASE2C5	555322.465	4176279.362	555338.252	4176268.391	
AREAVERT PHASE2C5	555355.377	4176294.881	555361.264	4176298.895	
AREAVERT PHASE2C5	555379.727	4176316.823	555366.883	4176330.737	
AREAVERT PHASE2C5	555348.688	4176312.006	555340.660	4176304.782	
SRCPARAM PHASE2C6	0.00092047	2.000	12	1.400	
AREAVERT PHASE2C6	555398.992	4176311.471	555408.625	4176301.571	
AREAVERT PHASE2C6	555417.188	4176297.022	555437.256	4176286.051	
AREAVERT PHASE2C6	555439.664	4176283.910	555461.873	4176268.123	
AREAVERT PHASE2C6	555469.365	4176280.699	555447.424	4176295.951	
AREAVERT PHASE2C6	555444.213	4176298.627	555423.877	4176309.330	
AREAVERT PHASE2C6	555419.328	4176312.809	555408.893	4176321.907	
SRCPARAM PHASE2C7	0.0004603	2.000	12	1.400	
AREAVERT PHASE2C7	555359.658	4176270.532	555389.092	4176301.035	
AREAVERT PHASE2C7	555401.133	4176288.994	555407.287	4176282.305	
AREAVERT PHASE2C7	555427.356	4176268.658	555444.213	4176261.166	
AREAVERT PHASE2C7	555426.553	4176225.578	555409.963	4176233.873	
AREAVERT PHASE2C7	555419.328	4176252.604	555396.584	4176267.588	
AREAVERT PHASE2C7	555388.557	4176272.940	555373.572	4176256.082	
SRCPARAM BEACH	0.00019266	2.000	17	1.400	
AREAVERT BEACH	555456.986	4176385.345	555447.940	4176369.666	
AREAVERT BEACH	555449.749	4176366.048	555432.864	4176355.193	
AREAVERT BEACH	555422.009	4176344.338	555431.055	4176326.850	
AREAVERT BEACH	555456.986	4176306.346	555493.169	4176309.965	
AREAVERT BEACH	555517.894	4176303.934	555531.764	4176294.285	
AREAVERT BEACH	555548.046	4176317.201	555527.542	4176332.277	
AREAVERT BEACH	555514.878	4176334.689	555501.008	4176349.765	
AREAVERT BEACH	555487.138	4176358.811	555470.253	4176367.857	
AREAVERT BEACH	555459.398	4176381.124			
SRCPARAM EMGEN1	1.0	25.384	739.817	45.30000	0.183
SRCPARAM EMGEN2	1.0	19.593	739.817	45.30000	0.183
SRCPARAM EMGEN3	1.0	5.572	739.817	45.30000	0.183
SRCPARAM EMGEN5	1.0	25.384	739.817	45.30000	0.183
SRCPARAM EMGEN6	1.0	19.593	739.817	45.30000	0.183
SRCPARAM EMGEN7	1.0	5.572	739.817	45.30000	0.183

\*\* LINE VOLUME Source ID = CONST

SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001432	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001444	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001445	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001446	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001447	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001449	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001450	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001451	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001452	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001453	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001454	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001455	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001456	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001457	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001458	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001459	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001460	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001461	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001462	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001463	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001464	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001465	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001466	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001467	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001468	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001469	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001470	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001471	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001472	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001473	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001474	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001475	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001476	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001477	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001478	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001479	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001480	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001481	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001482	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001483	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001484	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001485	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001486	0.0113636364	2.00	6.24	2.30



SRCPARAM	L0001487	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001488	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001489	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001490	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001491	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001492	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001493	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001494	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001495	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001496	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001497	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001498	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001499	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001500	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001501	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001502	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001503	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001504	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001505	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001506	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001507	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001508	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001510	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001511	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001512	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001514	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30

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\*\* Building Downwash \*\*

BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	20.73	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	18.29	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN3	18.59	18.59	4.57	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN3	22.86	22.86	21.64	18.29	20.73	42.67
BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72

BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	20.73	20.73	42.67
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	18.29	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN7	18.59	18.59	13.72	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN7	22.86	22.86	21.64	18.29	20.73	42.67
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	103.36	99.97	68.37	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	25.95	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	76.66	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN3	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN3	30.02	28.94	8.18	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN3	103.61	103.36	23.58	103.89	73.76	42.72
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	103.36	99.97	68.37	73.76	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	21.17	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	76.66	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN7	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN7	30.02	28.94	45.61	7.68	35.66	40.43

BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN7	103.61	103.36	23.58	103.89	73.76	42.72
BUILDLEN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	70.66	81.29	75.56	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	32.07	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	51.26	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN3	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN3	29.41	30.15	8.22	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN3	60.89	70.66	26.12	71.03	71.93	41.49
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	70.66	81.29	75.56	71.93	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	20.09	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	51.26	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN7	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN7	29.41	30.15	77.19	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN7	60.89	70.66	26.12	71.03	71.93	41.49
XBADJ	EMGEN1	-50.56	-42.27	-32.69	-27.79	-26.50	-24.41
XBADJ	EMGEN1	-21.58	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	0.63	-2.07	-10.00	-19.29	-27.99	-35.84
XBADJ	EMGEN1	-42.60	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-31.55	-93.15	-97.43	-98.75	-97.06	-92.43
XBADJ	EMGEN2	-87.96	-118.76	-117.86	21.75	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-130.12	53.24	58.63	61.71	62.92	62.22

XBADJ	EMGEN2	58.16	-125.27	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-115.11	-104.08
XBADJ	EMGEN3	-92.94	-87.65	34.90	32.24	28.59	76.63
XBADJ	EMGEN3	34.76	31.69	-1.81	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-122.34	41.90
XBADJ	EMGEN3	32.05	16.98	-122.78	-139.36	-141.26	-118.12
XBADJ	EMGEN5	-50.77	-42.22	-32.39	-27.24	-25.73	-23.43
XBADJ	EMGEN5	-20.42	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	0.84	-2.11	-10.30	-19.84	-28.77	-36.83
XBADJ	EMGEN5	-43.76	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-33.41	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-119.50	-118.29	21.65	29.56	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-121.58	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-124.54	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-116.32	-105.11
XBADJ	EMGEN7	-93.76	-88.23	34.57	32.17	28.79	77.08
XBADJ	EMGEN7	35.45	32.61	7.92	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-121.13	42.93
XBADJ	EMGEN7	32.87	17.57	-122.44	-139.29	-141.45	-118.57
YBADJ	EMGEN1	-24.42	-28.22	-31.16	-32.37	-33.76	-34.13
YBADJ	EMGEN1	-33.46	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	24.42	28.22	31.16	32.37	33.76	34.13
YBADJ	EMGEN1	33.46	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-47.64	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-26.11	-44.69	-38.34	-42.39	-33.02
YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	20.24	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	18.54	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-13.32	-24.52
YBADJ	EMGEN3	-37.82	-52.19	-15.21	3.94	22.96	-33.00
YBADJ	EMGEN3	11.28	19.65	3.47	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	-21.62	24.52
YBADJ	EMGEN3	37.82	52.19	-22.18	15.59	34.43	33.00
YBADJ	EMGEN5	-25.88	-29.69	-32.61	-33.74	-35.02	-35.23
YBADJ	EMGEN5	-34.38	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	25.88	29.69	32.61	33.74	35.02	35.23
YBADJ	EMGEN5	34.38	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94

YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-47.54	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-27.82	-46.51	-40.21	-29.26	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	11.17	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	20.26	21.43	0.49	-20.48	34.81
YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-25.64
YBADJ	EMGEN7	-39.09	-53.59	-16.69	2.42	21.45	-34.45
YBADJ	EMGEN7	9.93	18.45	29.51	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	-20.71	25.64
YBADJ	EMGEN7	39.09	53.59	-20.70	17.11	35.94	34.45

\*\* Variable Emissions Type: "By Hour / Day (HRDOW)"

\*\* WeekDays:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Sunday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

\*\* WeekDays:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Sunday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

\*\* WeekDays:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Sunday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C8	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C9	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BIGGRN	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BIGGRN	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT SHORE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT SHORE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT SHORE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT SHORE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

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** Saturday:
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT RPD2 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT RPD2 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT PILE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PILE HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PILE HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PILE HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT PILE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PILE HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PILE HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PILE HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT PILE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PILE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PILE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PILE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT PHASE2C1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C1 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C1 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C1 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT PHASE2C1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C1 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C1 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE2C1 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT PHASE2C1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE2C1 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT PHASE2C2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BEACH	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BEACH	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BEACH	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BEACH	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BEACH	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT BEACH	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0



\*\* Saturday:

EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0













EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

SRCGROUP	PHASE1C1	PHASE1C1						
SRCGROUP	PHASE1C2	PHASE1C2						
SRCGROUP	PHASE1C3	PHASE1C3						
SRCGROUP	PHASE1C4	PHASE1C4						
SRCGROUP	PHASE1C5	PHASE1C5						
SRCGROUP	PHASE1C6	PHASE1C6						
SRCGROUP	PHASE1C7	PHASE1C7						
SRCGROUP	PHASE1C8	PHASE1C8						
SRCGROUP	PHASE1C9	PHASE1C9						
SRCGROUP	BIGGRN	BIGGRN						
SRCGROUP	SHORE	SHORE						
SRCGROUP	RPD2	RPD2						
SRCGROUP	PILE	PILE						
SRCGROUP	PHASE2C1	PHASE2C1						
SRCGROUP	PHASE2C2	PHASE2C2						
SRCGROUP	PHASE2C3	PHASE2C3						
SRCGROUP	PHASE2C4	PHASE2C4						
SRCGROUP	PHASE2C5	PHASE2C5						
SRCGROUP	PHASE2C6	PHASE2C6						
SRCGROUP	PHASE2C7	PHASE2C7						
SRCGROUP	BEACH	BEACH						
SRCGROUP	EMGEN1	EMGEN1						
SRCGROUP	EMGEN2	EMGEN2						
SRCGROUP	EMGEN3	EMGEN3						
SRCGROUP	EMGEN5	EMGEN5						
SRCGROUP	EMGEN6	EMGEN6						
SRCGROUP	EMGEN7	EMGEN7						
SRCGROUP	CONST	L0001430	L0001431	L0001432	L0001433	L0001434	L0001435	
SRCGROUP	CONST	L0001436	L0001437	L0001438	L0001439	L0001440	L0001441	
SRCGROUP	CONST	L0001442	L0001443	L0001444	L0001445	L0001446	L0001447	
SRCGROUP	CONST	L0001448	L0001449	L0001450	L0001451	L0001452	L0001453	
SRCGROUP	CONST	L0001454	L0001455	L0001456	L0001457	L0001458	L0001459	
SRCGROUP	CONST	L0001460	L0001461	L0001462	L0001463	L0001464	L0001465	

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SRCGROUP CONST      L0001466 L0001467 L0001468 L0001469 L0001470 L0001471
SRCGROUP CONST      L0001472 L0001473 L0001474 L0001475 L0001476 L0001477
SRCGROUP CONST      L0001478 L0001479 L0001480 L0001481 L0001482 L0001483
SRCGROUP CONST      L0001484 L0001485 L0001486 L0001487 L0001488 L0001489
SRCGROUP CONST      L0001490 L0001491 L0001492 L0001493 L0001494 L0001495
SRCGROUP CONST      L0001496 L0001497 L0001498 L0001499 L0001500 L0001501
SRCGROUP CONST      L0001502 L0001503 L0001504 L0001505 L0001506 L0001507
SRCGROUP CONST      L0001508 L0001509 L0001510 L0001511 L0001512 L0001513
SRCGROUP CONST      L0001514 L0001515 L0001516 L0001517
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SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED PreCon.ROU

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE mission\_bay\_2008.SFC

PROFFILE mission\_bay\_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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OU STARTING

OU RECTABLE ALLAVE 1

PLOTFILE 1 PHASE1C1 1ST Plots\PHASE1C1\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE1C9 1ST Plots\PHASE1C9\_1hr\_2021-2022EP.PLT

PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN\_1hr\_2021-2022EP.PLT

PLOTFILE 1 SHORE 1ST Plots\SHORE\_1hr\_2021-2022EP.PLT

PLOTFILE 1 RPD2 1ST Plots\RPD2\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PILE 1ST Plots\PILE\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4\_1hr\_2021-2022EP.PLT

PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 EMGEN1 1ST Plots\EMGEN1\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 EMGEN6 1ST Plots\EMGEN6\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7\_1hr\_2021-2022EP.PLT  
PLOTFILE 1 CONST 1ST Plots\CONST\_1hr\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C1 Plots\PHASE1C1\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C3 Plots\PHASE1C3\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE1C9 Plots\PHASE1C9\_Ann\_2021-2022EP.PLT  
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PLOTFILE PERIOD SHORE Plots\SHORE\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD RPD2 Plots\RPD2\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PILE Plots\PILE\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE2C2 Plots\PHASE2C2\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE2C4 Plots\PHASE2C4\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE2C5 Plots\PHASE2C5\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE2C6 Plots\PHASE2C6\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD PHASE2C7 Plots\PHASE2C7\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD EMGEN1 Plots\EMGEN1\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD EMGEN2 Plots\EMGEN2\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD EMGEN3 Plots\EMGEN3\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD EMGEN5 Plots\EMGEN5\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD EMGEN6 Plots\EMGEN6\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD EMGEN7 Plots\EMGEN7\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD BEACH Plots\BEACH\_Ann\_2021-2022EP.PLT  
PLOTFILE PERIOD CONST Plots\CONST\_Ann\_2021-2022EP.PLT

OU FINISHED

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\*\*\*\*\*

\*\* Project Parameters

\*\*\*\*\*

\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM North American Datum 1983  
\*\* DTMRGN CONUS  
\*\* UNITS m  
\*\* ZONE 10  
\*\* ZONEINX 0  
\*\*

```

**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Operations Existing Receptors - Residential Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION EMGEN1      POINT      555132.289  4176268.496      4.572
LOCATION EMGEN2      POINT      555244.723  4176214.288      5.182
LOCATION EMGEN3      POINT      555244.697  4176254.889      4.572
LOCATION EMGEN4      POINT      555413.890  4176206.195      5.182
LOCATION EMGEN5      POINT      555130.892  4176268.960      4.572
LOCATION EMGEN6      POINT      555246.510  4176214.828      5.182
LOCATION EMGEN7      POINT      555246.148  4176255.337      4.572
LOCATION EMGEN8      POINT      555415.054  4176207.595      5.182
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESN
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554678.517, 4176495.353, 31.97, 2.00, 6.24
** 555496.302, 4175923.596, 19.10, 2.00, 6.24
** -----
LOCATION L0000001    VOLUME    554684.012  4176491.511  31.88
LOCATION L0000002    VOLUME    554695.002  4176483.827  31.71
LOCATION L0000003    VOLUME    554705.993  4176476.143  31.54
LOCATION L0000004    VOLUME    554716.983  4176468.459  31.36
LOCATION L0000005    VOLUME    554727.973  4176460.776  31.19
LOCATION L0000006    VOLUME    554738.963  4176453.092  31.02
LOCATION L0000007    VOLUME    554749.954  4176445.408  30.85
LOCATION L0000008    VOLUME    554760.944  4176437.724  30.67
LOCATION L0000009    VOLUME    554771.934  4176430.040  30.50
LOCATION L0000010    VOLUME    554782.925  4176422.356  30.33
LOCATION L0000011    VOLUME    554793.915  4176414.672  30.15

```



LOCATION	L0000012	VOLUME	554804.905	4176406.988	29.98
LOCATION	L0000013	VOLUME	554815.895	4176399.304	29.81
LOCATION	L0000014	VOLUME	554826.886	4176391.621	29.64
LOCATION	L0000015	VOLUME	554837.876	4176383.937	29.46
LOCATION	L0000016	VOLUME	554848.866	4176376.253	29.29
LOCATION	L0000017	VOLUME	554859.856	4176368.569	29.12
LOCATION	L0000018	VOLUME	554870.847	4176360.885	28.94
LOCATION	L0000019	VOLUME	554881.837	4176353.201	28.77
LOCATION	L0000020	VOLUME	554892.827	4176345.517	28.60
LOCATION	L0000021	VOLUME	554903.818	4176337.833	28.42
LOCATION	L0000022	VOLUME	554914.808	4176330.150	28.25
LOCATION	L0000023	VOLUME	554925.798	4176322.466	28.08
LOCATION	L0000024	VOLUME	554936.788	4176314.782	27.91
LOCATION	L0000025	VOLUME	554947.779	4176307.098	27.73
LOCATION	L0000026	VOLUME	554958.769	4176299.414	27.56
LOCATION	L0000027	VOLUME	554969.759	4176291.730	27.39
LOCATION	L0000028	VOLUME	554980.749	4176284.046	27.21
LOCATION	L0000029	VOLUME	554991.740	4176276.362	27.04
LOCATION	L0000030	VOLUME	555002.730	4176268.678	26.87
LOCATION	L0000031	VOLUME	555013.720	4176260.995	26.69
LOCATION	L0000032	VOLUME	555024.711	4176253.311	26.52
LOCATION	L0000033	VOLUME	555035.701	4176245.627	26.35
LOCATION	L0000034	VOLUME	555046.691	4176237.943	26.18
LOCATION	L0000035	VOLUME	555057.681	4176230.259	26.00
LOCATION	L0000036	VOLUME	555068.672	4176222.575	25.83
LOCATION	L0000037	VOLUME	555079.662	4176214.891	25.66
LOCATION	L0000038	VOLUME	555090.652	4176207.207	25.48
LOCATION	L0000039	VOLUME	555101.642	4176199.524	25.31
LOCATION	L0000040	VOLUME	555112.633	4176191.840	25.14
LOCATION	L0000041	VOLUME	555123.623	4176184.156	24.97
LOCATION	L0000042	VOLUME	555134.613	4176176.472	24.79
LOCATION	L0000043	VOLUME	555145.603	4176168.788	24.62
LOCATION	L0000044	VOLUME	555156.594	4176161.104	24.45
LOCATION	L0000045	VOLUME	555167.584	4176153.420	24.27
LOCATION	L0000046	VOLUME	555178.574	4176145.736	24.10
LOCATION	L0000047	VOLUME	555189.565	4176138.052	23.93
LOCATION	L0000048	VOLUME	555200.555	4176130.369	23.75
LOCATION	L0000049	VOLUME	555211.545	4176122.685	23.58
LOCATION	L0000050	VOLUME	555222.535	4176115.001	23.41
LOCATION	L0000051	VOLUME	555233.526	4176107.317	23.24
LOCATION	L0000052	VOLUME	555244.516	4176099.633	23.06
LOCATION	L0000053	VOLUME	555255.506	4176091.949	22.89
LOCATION	L0000054	VOLUME	555266.496	4176084.265	22.72
LOCATION	L0000055	VOLUME	555277.487	4176076.581	22.54
LOCATION	L0000056	VOLUME	555288.477	4176068.898	22.37
LOCATION	L0000057	VOLUME	555299.467	4176061.214	22.20
LOCATION	L0000058	VOLUME	555310.458	4176053.530	22.02
LOCATION	L0000059	VOLUME	555321.448	4176045.846	21.85
LOCATION	L0000060	VOLUME	555332.438	4176038.162	21.68
LOCATION	L0000061	VOLUME	555343.428	4176030.478	21.51
LOCATION	L0000062	VOLUME	555354.419	4176022.794	21.33
LOCATION	L0000063	VOLUME	555365.409	4176015.110	21.16
LOCATION	L0000064	VOLUME	555376.399	4176007.426	20.99
LOCATION	L0000065	VOLUME	555387.389	4175999.743	20.81
LOCATION	L0000066	VOLUME	555398.380	4175992.059	20.64
LOCATION	L0000067	VOLUME	555409.370	4175984.375	20.47
LOCATION	L0000068	VOLUME	555420.360	4175976.691	20.30

LOCATION L0000069	VOLUME	555431.351	4175969.007	20.12
LOCATION L0000070	VOLUME	555442.341	4175961.323	19.95
LOCATION L0000071	VOLUME	555453.331	4175953.639	19.78
LOCATION L0000072	VOLUME	555464.321	4175945.955	19.60
LOCATION L0000073	VOLUME	555475.312	4175938.271	19.43
LOCATION L0000074	VOLUME	555486.302	4175930.588	19.26

\*\* End of LINE VOLUME Source ID = INNESN  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = HAWES  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 18.29  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 2  
\*\* 554840.757, 4176392.088, 13.29, 2.00, 8.51  
\*\* 554886.921, 4176450.987, 12.78, 2.00, 8.51  
\*\* -----  
LOCATION L0000688 VOLUME 554846.398 4176399.286 13.23  
LOCATION L0000689 VOLUME 554857.681 4176413.681 13.10  
LOCATION L0000690 VOLUME 554868.964 4176428.076 12.98  
LOCATION L0000691 VOLUME 554880.247 4176442.471 12.85  
\*\* End of LINE VOLUME Source ID = HAWES  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = HUNT  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 13.41  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 3  
\*\* 554892.236, 4176367.914, 12.49, 2.00, 6.24  
\*\* 554910.687, 4176653.908, 14.47, 2.00, 6.24  
\*\* 554851.233, 4176783.066, 10.77, 2.00, 6.24  
\*\* -----  
LOCATION L0000692 VOLUME 554892.668 4176374.605 12.54  
LOCATION L0000693 VOLUME 554893.531 4176387.987 12.63  
LOCATION L0000694 VOLUME 554894.394 4176401.369 12.72  
LOCATION L0000695 VOLUME 554895.258 4176414.752 12.81  
LOCATION L0000696 VOLUME 554896.121 4176428.134 12.91  
LOCATION L0000697 VOLUME 554896.984 4176441.516 13.00  
LOCATION L0000698 VOLUME 554897.848 4176454.898 13.09  
LOCATION L0000699 VOLUME 554898.711 4176468.280 13.18  
LOCATION L0000700 VOLUME 554899.575 4176481.663 13.28  
LOCATION L0000701 VOLUME 554900.438 4176495.045 13.37  
LOCATION L0000702 VOLUME 554901.301 4176508.427 13.46  
LOCATION L0000703 VOLUME 554902.165 4176521.809 13.56  
LOCATION L0000704 VOLUME 554903.028 4176535.191 13.65  
LOCATION L0000705 VOLUME 554903.891 4176548.573 13.74  
LOCATION L0000706 VOLUME 554904.755 4176561.956 13.83  
LOCATION L0000707 VOLUME 554905.618 4176575.338 13.93

LOCATION	L0000708	VOLUME	554906.481	4176588.720	14.02
LOCATION	L0000709	VOLUME	554907.345	4176602.102	14.11
LOCATION	L0000710	VOLUME	554908.208	4176615.484	14.20
LOCATION	L0000711	VOLUME	554909.071	4176628.866	14.30
LOCATION	L0000712	VOLUME	554909.935	4176642.249	14.39
LOCATION	L0000713	VOLUME	554909.965	4176655.476	14.43
LOCATION	L0000714	VOLUME	554904.358	4176667.658	14.08
LOCATION	L0000715	VOLUME	554898.750	4176679.839	13.73
LOCATION	L0000716	VOLUME	554893.143	4176692.020	13.38
LOCATION	L0000717	VOLUME	554887.536	4176704.202	13.03
LOCATION	L0000718	VOLUME	554881.928	4176716.383	12.68
LOCATION	L0000719	VOLUME	554876.321	4176728.565	12.33
LOCATION	L0000720	VOLUME	554870.714	4176740.746	11.98
LOCATION	L0000721	VOLUME	554865.106	4176752.927	11.63
LOCATION	L0000722	VOLUME	554859.499	4176765.109	11.28
LOCATION	L0000723	VOLUME	554853.892	4176777.290	10.94

\*\* End of LINE VOLUME Source ID = HUNT  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = EVANS  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 13.41  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 3  
\*\* 554702.207, 4176893.076, 9.07, 2.00, 6.24  
\*\* 554846.014, 4176790.551, 10.61, 2.00, 6.24  
\*\* 554851.050, 4176783.311, 10.77, 2.00, 6.24  
\*\* -----  
LOCATION L0000724 VOLUME 554707.667 4176889.184 9.13  
LOCATION L0000725 VOLUME 554718.586 4176881.399 9.25  
LOCATION L0000726 VOLUME 554729.505 4176873.614 9.36  
LOCATION L0000727 VOLUME 554740.424 4176865.830 9.48  
LOCATION L0000728 VOLUME 554751.343 4176858.045 9.60  
LOCATION L0000729 VOLUME 554762.262 4176850.261 9.71  
LOCATION L0000730 VOLUME 554773.181 4176842.476 9.83  
LOCATION L0000731 VOLUME 554784.101 4176834.691 9.95  
LOCATION L0000732 VOLUME 554795.020 4176826.907 10.06  
LOCATION L0000733 VOLUME 554805.939 4176819.122 10.18  
LOCATION L0000734 VOLUME 554816.858 4176811.337 10.30  
LOCATION L0000735 VOLUME 554827.777 4176803.553 10.41  
LOCATION L0000736 VOLUME 554838.696 4176795.768 10.53  
LOCATION L0000737 VOLUME 554848.540 4176786.920 10.69  
\*\* End of LINE VOLUME Source ID = EVANS  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = JENN  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 12.80  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30

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** Nodes = 3
** 554703.459, 4176892.130, 9.07, 2.00, 5.95
** 554679.111, 4176839.151, 15.25, 2.00, 5.95
** 554678.308, 4176801.424, 18.60, 2.00, 5.95
** -----
LOCATION L0000738      VOLUME  554700.786 4176886.315 9.75
LOCATION L0000739      VOLUME  554695.441 4176874.684 11.11
LOCATION L0000740      VOLUME  554690.096 4176863.054 12.46
LOCATION L0000741      VOLUME  554684.751 4176851.423 13.82
LOCATION L0000742      VOLUME  554679.406 4176839.793 15.18
LOCATION L0000743      VOLUME  554678.854 4176827.060 16.32
LOCATION L0000744      VOLUME  554678.581 4176814.263 17.46
LOCATION L0000745      VOLUME  554678.309 4176801.466 18.60
** End of LINE VOLUME Source ID = JENN
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = MIDDLE
** DESCRSRC
** PREFIX
** Length of Side = 10.36
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554679.208, 4176800.861, 18.59, 2.00, 4.82
** 554682.380, 4176500.519, 32.23, 2.00, 4.82
** -----
LOCATION L0000746      VOLUME  554679.263 4176795.681 18.83
LOCATION L0000747      VOLUME  554679.372 4176785.322 19.30
LOCATION L0000748      VOLUME  554679.482 4176774.962 19.77
LOCATION L0000749      VOLUME  554679.591 4176764.603 20.24
LOCATION L0000750      VOLUME  554679.700 4176754.244 20.71
LOCATION L0000751      VOLUME  554679.810 4176743.884 21.18
LOCATION L0000752      VOLUME  554679.919 4176733.525 21.65
LOCATION L0000753      VOLUME  554680.029 4176723.165 22.12
LOCATION L0000754      VOLUME  554680.138 4176712.806 22.59
LOCATION L0000755      VOLUME  554680.247 4176702.446 23.06
LOCATION L0000756      VOLUME  554680.357 4176692.087 23.53
LOCATION L0000757      VOLUME  554680.466 4176681.728 24.00
LOCATION L0000758      VOLUME  554680.576 4176671.368 24.47
LOCATION L0000759      VOLUME  554680.685 4176661.009 24.94
LOCATION L0000760      VOLUME  554680.794 4176650.649 25.41
LOCATION L0000761      VOLUME  554680.904 4176640.290 25.88
LOCATION L0000762      VOLUME  554681.013 4176629.931 26.35
LOCATION L0000763      VOLUME  554681.123 4176619.571 26.82
LOCATION L0000764      VOLUME  554681.232 4176609.212 27.29
LOCATION L0000765      VOLUME  554681.341 4176598.852 27.76
LOCATION L0000766      VOLUME  554681.451 4176588.493 28.23
LOCATION L0000767      VOLUME  554681.560 4176578.133 28.71
LOCATION L0000768      VOLUME  554681.670 4176567.774 29.18
LOCATION L0000769      VOLUME  554681.779 4176557.415 29.65
LOCATION L0000770      VOLUME  554681.889 4176547.055 30.12
LOCATION L0000771      VOLUME  554681.998 4176536.696 30.59
LOCATION L0000772      VOLUME  554682.107 4176526.336 31.06
LOCATION L0000773      VOLUME  554682.217 4176515.977 31.53
LOCATION L0000774      VOLUME  554682.326 4176505.617 32.00
```

```

** End of LINE VOLUME Source ID = MIDDLE
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GRIFF
** DESCRSRC
** PREFIX
** Length of Side = 7.92
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555009.340, 4176269.854, 10.24, 2.00, 3.69
** 555025.636, 4176286.891, 7.06, 2.00, 3.69
** -----
LOCATION L0000775      VOLUME  555012.077 4176272.716 9.71
LOCATION L0000776      VOLUME  555017.552 4176278.439 8.64
LOCATION L0000777      VOLUME  555023.026 4176284.162 7.57
** End of LINE VOLUME Source ID = GRIFF
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = NHUD
** DESCRSRC
** PREFIX
** Length of Side = 10.67
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 6
** 555024.896, 4176285.780, 7.09, 2.00, 4.96
** 555067.860, 4176291.706, 2.98, 2.00, 4.96
** 555184.531, 4176256.890, 7.45, 2.00, 4.96
** 555217.993, 4176210.317, 9.25, 2.00, 4.96
** 555269.871, 4176241.559, 8.83, 2.00, 4.96
** 555400.834, 4176116.886, 6.11, 2.00, 4.96
** -----
LOCATION L0000778      VOLUME  555030.181 4176286.509 6.58
LOCATION L0000779      VOLUME  555040.751 4176287.967 5.57
LOCATION L0000780      VOLUME  555051.321 4176289.425 4.56
LOCATION L0000781      VOLUME  555061.891 4176290.883 3.55
LOCATION L0000782      VOLUME  555072.310 4176290.378 3.15
LOCATION L0000783      VOLUME  555082.535 4176287.327 3.54
LOCATION L0000784      VOLUME  555092.759 4176284.276 3.93
LOCATION L0000785      VOLUME  555102.984 4176281.225 4.33
LOCATION L0000786      VOLUME  555113.208 4176278.174 4.72
LOCATION L0000787      VOLUME  555123.433 4176275.122 5.11
LOCATION L0000788      VOLUME  555133.657 4176272.071 5.50
LOCATION L0000789      VOLUME  555143.882 4176269.020 5.89
LOCATION L0000790      VOLUME  555154.106 4176265.969 6.28
LOCATION L0000791      VOLUME  555164.331 4176262.918 6.68
LOCATION L0000792      VOLUME  555174.555 4176259.867 7.07
LOCATION L0000793      VOLUME  555184.682 4176256.679 7.46
LOCATION L0000794      VOLUME  555190.908 4176248.014 7.79
LOCATION L0000795      VOLUME  555197.134 4176239.349 8.13
LOCATION L0000796      VOLUME  555203.360 4176230.684 8.46
LOCATION L0000797      VOLUME  555209.586 4176222.018 8.80

```

LOCATION	L0000798	VOLUME	555215.812	4176213.353	9.13
LOCATION	L0000799	VOLUME	555223.931	4176213.893	9.20
LOCATION	L0000800	VOLUME	555233.071	4176219.398	9.13
LOCATION	L0000801	VOLUME	555242.212	4176224.902	9.05
LOCATION	L0000802	VOLUME	555251.352	4176230.407	8.98
LOCATION	L0000803	VOLUME	555260.493	4176235.911	8.91
LOCATION	L0000804	VOLUME	555269.633	4176241.416	8.83
LOCATION	L0000805	VOLUME	555277.398	4176234.393	8.67
LOCATION	L0000806	VOLUME	555285.126	4176227.036	8.51
LOCATION	L0000807	VOLUME	555292.855	4176219.679	8.35
LOCATION	L0000808	VOLUME	555300.583	4176212.322	8.19
LOCATION	L0000809	VOLUME	555308.311	4176204.965	8.03
LOCATION	L0000810	VOLUME	555316.039	4176197.608	7.87
LOCATION	L0000811	VOLUME	555323.767	4176190.252	7.71
LOCATION	L0000812	VOLUME	555331.495	4176182.895	7.55
LOCATION	L0000813	VOLUME	555339.223	4176175.538	7.39
LOCATION	L0000814	VOLUME	555346.951	4176168.181	7.23
LOCATION	L0000815	VOLUME	555354.680	4176160.824	7.07
LOCATION	L0000816	VOLUME	555362.408	4176153.467	6.91
LOCATION	L0000817	VOLUME	555370.136	4176146.110	6.75
LOCATION	L0000818	VOLUME	555377.864	4176138.753	6.59
LOCATION	L0000819	VOLUME	555385.592	4176131.396	6.43
LOCATION	L0000820	VOLUME	555393.320	4176124.039	6.27

\*\* End of LINE VOLUME Source ID = NHUD  
\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = ARELI  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 12.19  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 2  
\*\* 555176.012, 4176155.405, 12.75, 2.00, 5.67  
\*\* 555214.902, 4176215.037, 9.26, 2.00, 5.67  
\*\* -----

LOCATION	L0000821	VOLUME	555179.341	4176160.510	12.45
LOCATION	L0000822	VOLUME	555186.000	4176170.721	11.85
LOCATION	L0000823	VOLUME	555192.659	4176180.931	11.26
LOCATION	L0000824	VOLUME	555199.318	4176191.142	10.66
LOCATION	L0000825	VOLUME	555205.977	4176201.352	10.06
LOCATION	L0000826	VOLUME	555212.636	4176211.563	9.46

\*\* End of LINE VOLUME Source ID = ARELI  
\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = EARLN  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 8.53  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 3  
\*\* 555342.533, 4176040.516, 18.57, 2.00, 3.97

\*\* 555411.287, 4176117.714, 6.22, 2.00, 3.97

\*\* 555543.971, 4176310.106, 1.95, 2.00, 3.97

\*\*

LOCATION	L0000827	VOLUME	555345.370	4176043.701	18.06
LOCATION	L0000828	VOLUME	555351.043	4176050.071	17.04
LOCATION	L0000829	VOLUME	555356.716	4176056.441	16.02
LOCATION	L0000830	VOLUME	555362.389	4176062.811	15.00
LOCATION	L0000831	VOLUME	555368.062	4176069.181	13.98
LOCATION	L0000832	VOLUME	555373.735	4176075.551	12.97
LOCATION	L0000833	VOLUME	555379.409	4176081.921	11.95
LOCATION	L0000834	VOLUME	555385.082	4176088.290	10.93
LOCATION	L0000835	VOLUME	555390.755	4176094.660	9.91
LOCATION	L0000836	VOLUME	555396.428	4176101.030	8.89
LOCATION	L0000837	VOLUME	555402.101	4176107.400	7.87
LOCATION	L0000838	VOLUME	555407.775	4176113.770	6.85
LOCATION	L0000839	VOLUME	555413.131	4176120.388	6.16
LOCATION	L0000840	VOLUME	555417.974	4176127.410	6.00
LOCATION	L0000841	VOLUME	555422.817	4176134.432	5.85
LOCATION	L0000842	VOLUME	555427.660	4176141.454	5.69
LOCATION	L0000843	VOLUME	555432.502	4176148.476	5.54
LOCATION	L0000844	VOLUME	555437.345	4176155.498	5.38
LOCATION	L0000845	VOLUME	555442.188	4176162.520	5.23
LOCATION	L0000846	VOLUME	555447.031	4176169.542	5.07
LOCATION	L0000847	VOLUME	555451.874	4176176.564	4.91
LOCATION	L0000848	VOLUME	555456.716	4176183.587	4.76
LOCATION	L0000849	VOLUME	555461.559	4176190.609	4.60
LOCATION	L0000850	VOLUME	555466.402	4176197.631	4.45
LOCATION	L0000851	VOLUME	555471.245	4176204.653	4.29
LOCATION	L0000852	VOLUME	555476.087	4176211.675	4.13
LOCATION	L0000853	VOLUME	555480.930	4176218.697	3.98
LOCATION	L0000854	VOLUME	555485.773	4176225.719	3.82
LOCATION	L0000855	VOLUME	555490.616	4176232.741	3.67
LOCATION	L0000856	VOLUME	555495.458	4176239.763	3.51
LOCATION	L0000857	VOLUME	555500.301	4176246.785	3.36
LOCATION	L0000858	VOLUME	555505.144	4176253.807	3.20
LOCATION	L0000859	VOLUME	555509.987	4176260.829	3.04
LOCATION	L0000860	VOLUME	555514.829	4176267.851	2.89
LOCATION	L0000861	VOLUME	555519.672	4176274.873	2.73
LOCATION	L0000862	VOLUME	555524.515	4176281.895	2.58
LOCATION	L0000863	VOLUME	555529.358	4176288.917	2.42
LOCATION	L0000864	VOLUME	555534.200	4176295.939	2.26
LOCATION	L0000865	VOLUME	555539.043	4176302.961	2.11
LOCATION	L0000866	VOLUME	555543.886	4176309.983	1.95

\*\* End of LINE VOLUME Source ID = EARLN

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = DONS

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 12.19

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 2

\*\* 555402.422, 4175770.444, 32.36, 2.00, 5.67

\*\* 555590.247, 4176037.573, 14.86, 2.00, 5.67

```
** -----
LOCATION L0000867      VOLUME  555405.928 4175775.430 32.03
LOCATION L0000868      VOLUME  555412.939 4175785.402 31.38
LOCATION L0000869      VOLUME  555419.951 4175795.373 30.73
LOCATION L0000870      VOLUME  555426.962 4175805.345 30.07
LOCATION L0000871      VOLUME  555433.973 4175815.317 29.42
LOCATION L0000872      VOLUME  555440.985 4175825.289 28.77
LOCATION L0000873      VOLUME  555447.996 4175835.261 28.11
LOCATION L0000874      VOLUME  555455.008 4175845.232 27.46
LOCATION L0000875      VOLUME  555462.019 4175855.204 26.81
LOCATION L0000876      VOLUME  555469.030 4175865.176 26.15
LOCATION L0000877      VOLUME  555476.042 4175875.148 25.50
LOCATION L0000878      VOLUME  555483.053 4175885.119 24.85
LOCATION L0000879      VOLUME  555490.065 4175895.091 24.19
LOCATION L0000880      VOLUME  555497.076 4175905.063 23.54
LOCATION L0000881      VOLUME  555504.087 4175915.035 22.89
LOCATION L0000882      VOLUME  555511.099 4175925.007 22.23
LOCATION L0000883      VOLUME  555518.110 4175934.978 21.58
LOCATION L0000884      VOLUME  555525.122 4175944.950 20.93
LOCATION L0000885      VOLUME  555532.133 4175954.922 20.27
LOCATION L0000886      VOLUME  555539.144 4175964.894 19.62
LOCATION L0000887      VOLUME  555546.156 4175974.865 18.97
LOCATION L0000888      VOLUME  555553.167 4175984.837 18.31
LOCATION L0000889      VOLUME  555560.179 4175994.809 17.66
LOCATION L0000890      VOLUME  555567.190 4176004.781 17.01
LOCATION L0000891      VOLUME  555574.201 4176014.753 16.36
LOCATION L0000892      VOLUME  555581.213 4176024.724 15.70
LOCATION L0000893      VOLUME  555588.224 4176034.696 15.05
** End of LINE VOLUME Source ID = DONS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GALVEZ
** DESCRSRC
** PREFIX
** Length of Side = 24.38
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 3
** 555601.934, 4176034.234, 14.56, 2.00, 11.34
** 555624.473, 4176030.060, 14.20, 2.00, 11.34
** 555734.664, 4175955.765, 12.39, 2.00, 11.34
** -----
LOCATION L0000894      VOLUME  555613.920 4176032.014 14.37
LOCATION L0000895      VOLUME  555635.789 4176022.430 14.01
LOCATION L0000896      VOLUME  555656.003 4176008.801 13.68
LOCATION L0000897      VOLUME  555676.218 4175995.172 13.35
LOCATION L0000898      VOLUME  555696.432 4175981.542 13.02
LOCATION L0000899      VOLUME  555716.647 4175967.913 12.69
** End of LINE VOLUME Source ID = GALVEZ
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESS
** DESCRSRC
** PREFIX
** Length of Side = 12.19
```



```
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555510.943, 4175906.513, 19.57, 2.00, 5.67
** 555647.847, 4175810.513, 32.11, 2.00, 5.67
** -----
LOCATION L0000900      VOLUME  555515.933 4175903.014 20.03
LOCATION L0000901      VOLUME  555525.914 4175896.015 20.94
LOCATION L0000902      VOLUME  555535.895 4175889.016 21.86
LOCATION L0000903      VOLUME  555545.875 4175882.018 22.77
LOCATION L0000904      VOLUME  555555.856 4175875.019 23.68
LOCATION L0000905      VOLUME  555565.837 4175868.020 24.60
LOCATION L0000906      VOLUME  555575.818 4175861.022 25.51
LOCATION L0000907      VOLUME  555585.798 4175854.023 26.43
LOCATION L0000908      VOLUME  555595.779 4175847.024 27.34
LOCATION L0000909      VOLUME  555605.760 4175840.025 28.25
LOCATION L0000910      VOLUME  555615.740 4175833.027 29.17
LOCATION L0000911      VOLUME  555625.721 4175826.028 30.08
LOCATION L0000912      VOLUME  555635.702 4175819.029 31.00
LOCATION L0000913      VOLUME  555645.683 4175812.031 31.91
** End of LINE VOLUME Source ID = INNESS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HUDSON
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555556.856, 4175974.965, 17.00, 2.00, 4.54
** 555696.264, 4175880.635, 24.77, 2.00, 4.54
** -----
LOCATION L0000914      VOLUME  555560.894 4175972.233 17.23
LOCATION L0000915      VOLUME  555568.969 4175966.769 17.68
LOCATION L0000916      VOLUME  555577.044 4175961.305 18.13
LOCATION L0000917      VOLUME  555585.119 4175955.841 18.58
LOCATION L0000918      VOLUME  555593.194 4175950.377 19.03
LOCATION L0000919      VOLUME  555601.269 4175944.913 19.48
LOCATION L0000920      VOLUME  555609.344 4175939.449 19.93
LOCATION L0000921      VOLUME  555617.419 4175933.985 20.38
LOCATION L0000922      VOLUME  555625.494 4175928.521 20.83
LOCATION L0000923      VOLUME  555633.569 4175923.057 21.28
LOCATION L0000924      VOLUME  555641.645 4175917.593 21.73
LOCATION L0000925      VOLUME  555649.720 4175912.129 22.18
LOCATION L0000926      VOLUME  555657.795 4175906.665 22.63
LOCATION L0000927      VOLUME  555665.870 4175901.201 23.08
LOCATION L0000928      VOLUME  555673.945 4175895.737 23.53
LOCATION L0000929      VOLUME  555682.020 4175890.273 23.98
LOCATION L0000930      VOLUME  555690.095 4175884.809 24.43
** End of LINE VOLUME Source ID = HUDSON
** -----
** Line Source Represented by Adjacent Volume Sources
```

\*\* LINE VOLUME Source ID = KIRKS  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 9.75  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 2  
\*\* 555411.604, 4175769.609, 32.06, 2.00, 4.54  
\*\* 555518.456, 4175696.148, 32.61, 2.00, 4.54

-----  
LOCATION L0000931 VOLUME 555415.621 4175766.847 32.08  
LOCATION L0000932 VOLUME 555423.656 4175761.323 32.12  
LOCATION L0000933 VOLUME 555431.690 4175755.800 32.16  
LOCATION L0000934 VOLUME 555439.724 4175750.276 32.20  
LOCATION L0000935 VOLUME 555447.759 4175744.752 32.25  
LOCATION L0000936 VOLUME 555455.793 4175739.229 32.29  
LOCATION L0000937 VOLUME 555463.828 4175733.705 32.33  
LOCATION L0000938 VOLUME 555471.862 4175728.181 32.37  
LOCATION L0000939 VOLUME 555479.896 4175722.658 32.41  
LOCATION L0000940 VOLUME 555487.931 4175717.134 32.45  
LOCATION L0000941 VOLUME 555495.965 4175711.610 32.49  
LOCATION L0000942 VOLUME 555504.000 4175706.087 32.54  
LOCATION L0000943 VOLUME 555512.034 4175700.563 32.58

\*\* End of LINE VOLUME Source ID = KIRKS

-----  
\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = FRIED  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 9.75  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 2  
\*\* 555442.491, 4175752.078, 30.40, 2.00, 4.54  
\*\* 555587.743, 4175953.260, 21.52, 2.00, 4.54

-----  
LOCATION L0000944 VOLUME 555445.345 4175756.030 30.23  
LOCATION L0000945 VOLUME 555451.052 4175763.935 29.88  
LOCATION L0000946 VOLUME 555456.759 4175771.840 29.53  
LOCATION L0000947 VOLUME 555462.467 4175779.745 29.18  
LOCATION L0000948 VOLUME 555468.174 4175787.650 28.83  
LOCATION L0000949 VOLUME 555473.881 4175795.555 28.48  
LOCATION L0000950 VOLUME 555479.589 4175803.460 28.13  
LOCATION L0000951 VOLUME 555485.296 4175811.365 27.78  
LOCATION L0000952 VOLUME 555491.003 4175819.270 27.43  
LOCATION L0000953 VOLUME 555496.711 4175827.175 27.09  
LOCATION L0000954 VOLUME 555502.418 4175835.080 26.74  
LOCATION L0000955 VOLUME 555508.125 4175842.985 26.39  
LOCATION L0000956 VOLUME 555513.833 4175850.890 26.04  
LOCATION L0000957 VOLUME 555519.540 4175858.795 25.69  
LOCATION L0000958 VOLUME 555525.247 4175866.700 25.34  
LOCATION L0000959 VOLUME 555530.955 4175874.605 24.99  
LOCATION L0000960 VOLUME 555536.662 4175882.510 24.64

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LOCATION L0000961      VOLUME  555542.369 4175890.415 24.29
LOCATION L0000962      VOLUME  555548.077 4175898.320 23.94
LOCATION L0000963      VOLUME  555553.784 4175906.225 23.60
LOCATION L0000964      VOLUME  555559.492 4175914.130 23.25
LOCATION L0000965      VOLUME  555565.199 4175922.035 22.90
LOCATION L0000966      VOLUME  555570.906 4175929.940 22.55
LOCATION L0000967      VOLUME  555576.614 4175937.845 22.20
LOCATION L0000968      VOLUME  555582.321 4175945.750 21.85
** End of LINE VOLUME Source ID = FRIED
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = JERR
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555287.767, 4175961.265, 41.61, 2.00, 4.54
** 555450.550, 4175845.229, 30.22, 2.00, 4.54
** -----
LOCATION L0000969      VOLUME  555291.737 4175958.435 41.33
LOCATION L0000970      VOLUME  555299.676 4175952.776 40.78
LOCATION L0000971      VOLUME  555307.615 4175947.117 40.22
LOCATION L0000972      VOLUME  555315.555 4175941.457 39.67
LOCATION L0000973      VOLUME  555323.494 4175935.798 39.11
LOCATION L0000974      VOLUME  555331.434 4175930.138 38.55
LOCATION L0000975      VOLUME  555339.373 4175924.479 38.00
LOCATION L0000976      VOLUME  555347.312 4175918.820 37.44
LOCATION L0000977      VOLUME  555355.252 4175913.160 36.89
LOCATION L0000978      VOLUME  555363.191 4175907.501 36.33
LOCATION L0000979      VOLUME  555371.130 4175901.841 35.78
LOCATION L0000980      VOLUME  555379.070 4175896.182 35.22
LOCATION L0000981      VOLUME  555387.009 4175890.523 34.67
LOCATION L0000982      VOLUME  555394.949 4175884.863 34.11
LOCATION L0000983      VOLUME  555402.888 4175879.204 33.55
LOCATION L0000984      VOLUME  555410.827 4175873.544 33.00
LOCATION L0000985      VOLUME  555418.767 4175867.885 32.44
LOCATION L0000986      VOLUME  555426.706 4175862.226 31.89
LOCATION L0000987      VOLUME  555434.645 4175856.566 31.33
LOCATION L0000988      VOLUME  555442.585 4175850.907 30.78
LOCATION L0000989      VOLUME  555450.524 4175845.247 30.22
** End of LINE VOLUME Source ID = JERR
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = NORTH
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 8
** 554694.670, 4176228.420, 66.09, 2.00, 4.54
```

\*\* 554735.110, 4176222.643, 63.04, 2.00, 4.54  
\*\* 554757.063, 4176203.001, 60.06, 2.00, 4.54  
\*\* 554780.171, 4176197.224, 56.43, 2.00, 4.54  
\*\* 554837.942, 4176153.318, 48.66, 2.00, 4.54  
\*\* 554991.613, 4176148.696, 33.60, 2.00, 4.54  
\*\* 555144.128, 4176065.506, 36.75, 2.00, 4.54  
\*\* 555281.623, 4175964.985, 41.72, 2.00, 4.54  
\*\*

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LOCATION	L0000990	VOLUME	554699.496	4176227.731	65.73
LOCATION	L0000991	VOLUME	554709.148	4176226.352	65.00
LOCATION	L0000992	VOLUME	554718.800	4176224.973	64.27
LOCATION	L0000993	VOLUME	554728.452	4176223.594	63.54
LOCATION	L0000994	VOLUME	554737.364	4176220.626	62.73
LOCATION	L0000995	VOLUME	554744.630	4176214.125	61.75
LOCATION	L0000996	VOLUME	554751.896	4176207.624	60.76
LOCATION	L0000997	VOLUME	554759.796	4176202.318	59.63
LOCATION	L0000998	VOLUME	554769.255	4176199.953	58.14
LOCATION	L0000999	VOLUME	554778.714	4176197.588	56.66
LOCATION	L0001000	VOLUME	554786.738	4176192.233	55.55
LOCATION	L0001001	VOLUME	554794.500	4176186.334	54.50
LOCATION	L0001002	VOLUME	554802.263	4176180.434	53.46
LOCATION	L0001003	VOLUME	554810.025	4176174.535	52.41
LOCATION	L0001004	VOLUME	554817.788	4176168.635	51.37
LOCATION	L0001005	VOLUME	554825.550	4176162.736	50.33
LOCATION	L0001006	VOLUME	554833.313	4176156.836	49.28
LOCATION	L0001007	VOLUME	554841.876	4176153.200	48.27
LOCATION	L0001008	VOLUME	554851.622	4176152.907	47.32
LOCATION	L0001009	VOLUME	554861.367	4176152.613	46.36
LOCATION	L0001010	VOLUME	554871.113	4176152.320	45.41
LOCATION	L0001011	VOLUME	554880.859	4176152.027	44.45
LOCATION	L0001012	VOLUME	554890.604	4176151.734	43.50
LOCATION	L0001013	VOLUME	554900.350	4176151.441	42.54
LOCATION	L0001014	VOLUME	554910.095	4176151.148	41.59
LOCATION	L0001015	VOLUME	554919.841	4176150.855	40.63
LOCATION	L0001016	VOLUME	554929.586	4176150.562	39.68
LOCATION	L0001017	VOLUME	554939.332	4176150.268	38.72
LOCATION	L0001018	VOLUME	554949.078	4176149.975	37.77
LOCATION	L0001019	VOLUME	554958.823	4176149.682	36.81
LOCATION	L0001020	VOLUME	554968.569	4176149.389	35.86
LOCATION	L0001021	VOLUME	554978.314	4176149.096	34.90
LOCATION	L0001022	VOLUME	554988.060	4176148.803	33.95
LOCATION	L0001023	VOLUME	554997.052	4176145.729	33.71
LOCATION	L0001024	VOLUME	555005.611	4176141.060	33.89
LOCATION	L0001025	VOLUME	555014.171	4176136.392	34.07
LOCATION	L0001026	VOLUME	555022.730	4176131.723	34.24
LOCATION	L0001027	VOLUME	555031.290	4176127.054	34.42
LOCATION	L0001028	VOLUME	555039.849	4176122.385	34.60
LOCATION	L0001029	VOLUME	555048.409	4176117.716	34.77
LOCATION	L0001030	VOLUME	555056.968	4176113.048	34.95
LOCATION	L0001031	VOLUME	555065.528	4176108.379	35.13
LOCATION	L0001032	VOLUME	555074.087	4176103.710	35.30
LOCATION	L0001033	VOLUME	555082.647	4176099.041	35.48
LOCATION	L0001034	VOLUME	555091.206	4176094.372	35.66
LOCATION	L0001035	VOLUME	555099.766	4176089.704	35.83
LOCATION	L0001036	VOLUME	555108.325	4176085.035	36.01
LOCATION	L0001037	VOLUME	555116.885	4176080.366	36.19
LOCATION	L0001038	VOLUME	555125.444	4176075.697	36.36

LOCATION L0001039	VOLUME	555134.004	4176071.028	36.54
LOCATION L0001040	VOLUME	555142.563	4176066.360	36.72
LOCATION L0001041	VOLUME	555150.560	4176060.804	36.98
LOCATION L0001042	VOLUME	555158.431	4176055.049	37.27
LOCATION L0001043	VOLUME	555166.302	4176049.295	37.55
LOCATION L0001044	VOLUME	555174.172	4176043.541	37.84
LOCATION L0001045	VOLUME	555182.043	4176037.787	38.12
LOCATION L0001046	VOLUME	555189.914	4176032.032	38.41
LOCATION L0001047	VOLUME	555197.785	4176026.278	38.69
LOCATION L0001048	VOLUME	555205.656	4176020.524	38.97
LOCATION L0001049	VOLUME	555213.527	4176014.769	39.26
LOCATION L0001050	VOLUME	555221.398	4176009.015	39.54
LOCATION L0001051	VOLUME	555229.269	4176003.261	39.83
LOCATION L0001052	VOLUME	555237.139	4175997.506	40.11
LOCATION L0001053	VOLUME	555245.010	4175991.752	40.40
LOCATION L0001054	VOLUME	555252.881	4175985.998	40.68
LOCATION L0001055	VOLUME	555260.752	4175980.244	40.97
LOCATION L0001056	VOLUME	555268.623	4175974.489	41.25
LOCATION L0001057	VOLUME	555276.494	4175968.735	41.53

\*\* End of LINE VOLUME Source ID = NORTH

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = EARLS

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 9.75

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 2

\*\* 555286.540, 4175961.335, 41.69, 2.00, 4.54

\*\* 555238.289, 4175894.990, 50.09, 2.00, 4.54

\*\*

LOCATION L0001058	VOLUME	555283.673	4175957.392	42.19
LOCATION L0001059	VOLUME	555277.938	4175949.507	43.19
LOCATION L0001060	VOLUME	555272.203	4175941.622	44.19
LOCATION L0001061	VOLUME	555266.469	4175933.737	45.18
LOCATION L0001062	VOLUME	555260.734	4175925.852	46.18
LOCATION L0001063	VOLUME	555254.999	4175917.967	47.18
LOCATION L0001064	VOLUME	555249.265	4175910.081	48.18
LOCATION L0001065	VOLUME	555243.530	4175902.196	49.18

\*\* End of LINE VOLUME Source ID = EARLS

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = KIRKN

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 9.75

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 9

\*\* 554675.912, 4176161.117, 70.08, 2.00, 4.54

\*\* 554690.813, 4176153.312, 69.81, 2.00, 4.54

\*\* 554751.837, 4176088.740, 67.23, 2.00, 4.54

\*\* 554789.445, 4176063.905, 64.12, 2.00, 4.54  
 \*\* 554851.888, 4176043.327, 58.54, 2.00, 4.54  
 \*\* 554893.043, 4176043.327, 57.02, 2.00, 4.54  
 \*\* 554966.840, 4176058.228, 52.57, 2.00, 4.54  
 \*\* 555012.253, 4176048.294, 51.68, 2.00, 4.54  
 \*\* 555234.351, 4175895.025, 50.12, 2.00, 4.54

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LOCATION	L0001066	VOLUME	554680.230	4176158.855	70.00
LOCATION	L0001067	VOLUME	554688.867	4176154.331	69.85
LOCATION	L0001068	VOLUME	554696.001	4176147.822	69.59
LOCATION	L0001069	VOLUME	554702.698	4176140.736	69.31
LOCATION	L0001070	VOLUME	554709.395	4176133.650	69.02
LOCATION	L0001071	VOLUME	554716.092	4176126.563	68.74
LOCATION	L0001072	VOLUME	554722.789	4176119.477	68.46
LOCATION	L0001073	VOLUME	554729.486	4176112.391	68.17
LOCATION	L0001074	VOLUME	554736.182	4176105.305	67.89
LOCATION	L0001075	VOLUME	554742.879	4176098.219	67.61
LOCATION	L0001076	VOLUME	554749.576	4176091.132	67.33
LOCATION	L0001077	VOLUME	554757.226	4176085.181	66.78
LOCATION	L0001078	VOLUME	554765.362	4176079.808	66.11
LOCATION	L0001079	VOLUME	554773.499	4176074.435	65.44
LOCATION	L0001080	VOLUME	554781.635	4176069.063	64.77
LOCATION	L0001081	VOLUME	554789.816	4176063.783	64.09
LOCATION	L0001082	VOLUME	554799.076	4176060.731	63.26
LOCATION	L0001083	VOLUME	554808.336	4176057.680	62.43
LOCATION	L0001084	VOLUME	554817.596	4176054.628	61.60
LOCATION	L0001085	VOLUME	554826.856	4176051.576	60.78
LOCATION	L0001086	VOLUME	554836.116	4176048.525	59.95
LOCATION	L0001087	VOLUME	554845.376	4176045.473	59.12
LOCATION	L0001088	VOLUME	554854.782	4176043.327	58.43
LOCATION	L0001089	VOLUME	554864.532	4176043.327	58.07
LOCATION	L0001090	VOLUME	554874.282	4176043.327	57.71
LOCATION	L0001091	VOLUME	554884.032	4176043.327	57.35
LOCATION	L0001092	VOLUME	554893.767	4176043.473	56.98
LOCATION	L0001093	VOLUME	554903.324	4176045.403	56.40
LOCATION	L0001094	VOLUME	554912.882	4176047.333	55.82
LOCATION	L0001095	VOLUME	554922.439	4176049.263	55.25
LOCATION	L0001096	VOLUME	554931.996	4176051.192	54.67
LOCATION	L0001097	VOLUME	554941.553	4176053.122	54.09
LOCATION	L0001098	VOLUME	554951.110	4176055.052	53.52
LOCATION	L0001099	VOLUME	554960.667	4176056.982	52.94
LOCATION	L0001100	VOLUME	554970.213	4176057.490	52.50
LOCATION	L0001101	VOLUME	554979.738	4176055.407	52.32
LOCATION	L0001102	VOLUME	554989.262	4176053.323	52.13
LOCATION	L0001103	VOLUME	554998.787	4176051.240	51.94
LOCATION	L0001104	VOLUME	555008.312	4176049.156	51.76
LOCATION	L0001105	VOLUME	555016.957	4176045.048	51.65
LOCATION	L0001106	VOLUME	555024.982	4176039.510	51.59
LOCATION	L0001107	VOLUME	555033.007	4176033.972	51.53
LOCATION	L0001108	VOLUME	555041.031	4176028.434	51.48
LOCATION	L0001109	VOLUME	555049.056	4176022.896	51.42
LOCATION	L0001110	VOLUME	555057.081	4176017.359	51.37
LOCATION	L0001111	VOLUME	555065.105	4176011.821	51.31
LOCATION	L0001112	VOLUME	555073.130	4176006.283	51.25
LOCATION	L0001113	VOLUME	555081.155	4176000.745	51.20
LOCATION	L0001114	VOLUME	555089.179	4175995.207	51.14
LOCATION	L0001115	VOLUME	555097.204	4175989.670	51.08

LOCATION L0001116	VOLUME	555105.229	4175984.132	51.03
LOCATION L0001117	VOLUME	555113.253	4175978.594	50.97
LOCATION L0001118	VOLUME	555121.278	4175973.056	50.91
LOCATION L0001119	VOLUME	555129.303	4175967.518	50.86
LOCATION L0001120	VOLUME	555137.327	4175961.981	50.80
LOCATION L0001121	VOLUME	555145.352	4175956.443	50.75
LOCATION L0001122	VOLUME	555153.377	4175950.905	50.69
LOCATION L0001123	VOLUME	555161.401	4175945.367	50.63
LOCATION L0001124	VOLUME	555169.426	4175939.829	50.58
LOCATION L0001125	VOLUME	555177.451	4175934.292	50.52
LOCATION L0001126	VOLUME	555185.475	4175928.754	50.46
LOCATION L0001127	VOLUME	555193.500	4175923.216	50.41
LOCATION L0001128	VOLUME	555201.525	4175917.678	50.35
LOCATION L0001129	VOLUME	555209.549	4175912.141	50.29
LOCATION L0001130	VOLUME	555217.574	4175906.603	50.24
LOCATION L0001131	VOLUME	555225.599	4175901.065	50.18
LOCATION L0001132	VOLUME	555233.623	4175895.527	50.13

\*\* End of LINE VOLUME Source ID = KIRKN

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 \*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = INGALLS

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 10.97

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 7

\*\* 554671.654, 4176163.956, 70.05, 2.00, 5.10

\*\* 554685.561, 4176197.232, 69.11, 2.00, 5.10

\*\* 554691.523, 4176234.235, 65.57, 2.00, 5.10

\*\* 554669.053, 4176313.322, 53.70, 2.00, 5.10

\*\* 554643.824, 4176384.119, 42.72, 2.00, 5.10

\*\* 554637.579, 4176439.343, 35.20, 2.00, 5.10

\*\* 554682.511, 4176495.884, 31.77, 2.00, 5.10

\*\*

LOCATION L0001133	VOLUME	554673.769	4176169.017	69.91
LOCATION L0001134	VOLUME	554677.999	4176179.138	69.62
LOCATION L0001135	VOLUME	554682.229	4176189.260	69.34
LOCATION L0001136	VOLUME	554685.932	4176199.532	68.89
LOCATION L0001137	VOLUME	554687.677	4176210.362	67.85
LOCATION L0001138	VOLUME	554689.422	4176221.193	66.82
LOCATION L0001139	VOLUME	554691.167	4176232.023	65.78
LOCATION L0001140	VOLUME	554689.137	4176242.632	64.31
LOCATION L0001141	VOLUME	554686.139	4176253.185	62.73
LOCATION L0001142	VOLUME	554683.141	4176263.737	61.14
LOCATION L0001143	VOLUME	554680.143	4176274.289	59.56
LOCATION L0001144	VOLUME	554677.145	4176284.842	57.97
LOCATION L0001145	VOLUME	554674.147	4176295.394	56.39
LOCATION L0001146	VOLUME	554671.149	4176305.946	54.81
LOCATION L0001147	VOLUME	554667.944	4176316.433	53.22
LOCATION L0001148	VOLUME	554664.262	4176326.766	51.61
LOCATION L0001149	VOLUME	554660.580	4176337.100	50.01
LOCATION L0001150	VOLUME	554656.897	4176347.433	48.41
LOCATION L0001151	VOLUME	554653.215	4176357.767	46.81
LOCATION L0001152	VOLUME	554649.532	4176368.100	45.20

LOCATION	L0001153	VOLUME	554645.850	4176378.434	43.60
LOCATION	L0001154	VOLUME	554643.270	4176389.022	42.05
LOCATION	L0001155	VOLUME	554642.037	4176399.923	40.57
LOCATION	L0001156	VOLUME	554640.804	4176410.823	39.08
LOCATION	L0001157	VOLUME	554639.571	4176421.724	37.60
LOCATION	L0001158	VOLUME	554638.339	4176432.624	36.11
LOCATION	L0001159	VOLUME	554640.197	4176442.638	35.00
LOCATION	L0001160	VOLUME	554647.022	4176451.226	34.48
LOCATION	L0001161	VOLUME	554653.847	4176459.815	33.96
LOCATION	L0001162	VOLUME	554660.672	4176468.403	33.44
LOCATION	L0001163	VOLUME	554667.497	4176476.991	32.92
LOCATION	L0001164	VOLUME	554674.322	4176485.580	32.40
LOCATION	L0001165	VOLUME	554681.147	4176494.168	31.87

\*\* End of LINE VOLUME Source ID = INGALLS

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\*\* Source Parameters \*\*

SRCPARAM	EMGEN1	1.0	25.384	739.817	45.30000	0.183
SRCPARAM	EMGEN2	1.0	19.593	739.817	45.30000	0.183
SRCPARAM	EMGEN3	1.0	5.572	739.817	45.30000	0.183
SRCPARAM	EMGEN4	1.0	24.774	739.817	45.30000	0.183
SRCPARAM	EMGEN5	1.0	25.384	739.817	45.30000	0.183
SRCPARAM	EMGEN6	1.0	19.593	739.817	45.30000	0.183
SRCPARAM	EMGEN7	1.0	5.572	739.817	45.30000	0.183
SRCPARAM	EMGEN8	1.0	24.774	739.817	45.30000	0.183

\*\* LINE VOLUME Source ID = INNESN

SRCPARAM	L0000001	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000002	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000003	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000004	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000005	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000006	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000007	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000008	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000009	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000010	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000011	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000012	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000013	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000014	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000015	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000016	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000017	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000018	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000019	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000020	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000021	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000022	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000023	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000024	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000025	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000026	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000027	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000028	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000029	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000030	0.0135135135	2.00	6.24	2.30



SRCPARAM	L0000031	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000032	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000033	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000034	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000035	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000036	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000037	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000038	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000039	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000040	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000041	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000042	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000043	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000044	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000045	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000046	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000047	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000048	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000049	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000050	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000051	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000052	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000053	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000054	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000055	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000056	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000057	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000058	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000059	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000060	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000061	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000062	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000063	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000064	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000065	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000066	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000067	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000068	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000069	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000070	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000071	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000072	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000073	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000074	0.0135135135	2.00	6.24	2.30

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\*\* LINE VOLUME Source ID = HAWES

SRCPARAM	L0000688	0.25	2.00	8.51	2.30
SRCPARAM	L0000689	0.25	2.00	8.51	2.30
SRCPARAM	L0000690	0.25	2.00	8.51	2.30
SRCPARAM	L0000691	0.25	2.00	8.51	2.30

\*\*

\*\* LINE VOLUME Source ID = HUNT

SRCPARAM	L0000692	0.03125	2.00	6.24	2.30
SRCPARAM	L0000693	0.03125	2.00	6.24	2.30
SRCPARAM	L0000694	0.03125	2.00	6.24	2.30
SRCPARAM	L0000695	0.03125	2.00	6.24	2.30
SRCPARAM	L0000696	0.03125	2.00	6.24	2.30

SRCPARAM	L0000697	0.03125	2.00	6.24	2.30
SRCPARAM	L0000698	0.03125	2.00	6.24	2.30
SRCPARAM	L0000699	0.03125	2.00	6.24	2.30
SRCPARAM	L0000700	0.03125	2.00	6.24	2.30
SRCPARAM	L0000701	0.03125	2.00	6.24	2.30
SRCPARAM	L0000702	0.03125	2.00	6.24	2.30
SRCPARAM	L0000703	0.03125	2.00	6.24	2.30
SRCPARAM	L0000704	0.03125	2.00	6.24	2.30
SRCPARAM	L0000705	0.03125	2.00	6.24	2.30
SRCPARAM	L0000706	0.03125	2.00	6.24	2.30
SRCPARAM	L0000707	0.03125	2.00	6.24	2.30
SRCPARAM	L0000708	0.03125	2.00	6.24	2.30
SRCPARAM	L0000709	0.03125	2.00	6.24	2.30
SRCPARAM	L0000710	0.03125	2.00	6.24	2.30
SRCPARAM	L0000711	0.03125	2.00	6.24	2.30
SRCPARAM	L0000712	0.03125	2.00	6.24	2.30
SRCPARAM	L0000713	0.03125	2.00	6.24	2.30
SRCPARAM	L0000714	0.03125	2.00	6.24	2.30
SRCPARAM	L0000715	0.03125	2.00	6.24	2.30
SRCPARAM	L0000716	0.03125	2.00	6.24	2.30
SRCPARAM	L0000717	0.03125	2.00	6.24	2.30
SRCPARAM	L0000718	0.03125	2.00	6.24	2.30
SRCPARAM	L0000719	0.03125	2.00	6.24	2.30
SRCPARAM	L0000720	0.03125	2.00	6.24	2.30
SRCPARAM	L0000721	0.03125	2.00	6.24	2.30
SRCPARAM	L0000722	0.03125	2.00	6.24	2.30
SRCPARAM	L0000723	0.03125	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = EVANS					
SRCPARAM	L0000724	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000725	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000726	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000727	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000728	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000729	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000730	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000731	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000732	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000733	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000734	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000735	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000736	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000737	0.0714285714	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = JENN					
SRCPARAM	L0000738	0.125	2.00	5.95	2.30
SRCPARAM	L0000739	0.125	2.00	5.95	2.30
SRCPARAM	L0000740	0.125	2.00	5.95	2.30
SRCPARAM	L0000741	0.125	2.00	5.95	2.30
SRCPARAM	L0000742	0.125	2.00	5.95	2.30
SRCPARAM	L0000743	0.125	2.00	5.95	2.30
SRCPARAM	L0000744	0.125	2.00	5.95	2.30
SRCPARAM	L0000745	0.125	2.00	5.95	2.30
** -----					
** LINE VOLUME Source ID = MIDDLE					
SRCPARAM	L0000746	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000747	0.0344827586	2.00	4.82	2.30

SRCPARAM	L0000748	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000749	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000750	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000751	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000752	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000753	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000754	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000755	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000756	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000757	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000758	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000759	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000760	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000761	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000762	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000763	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000764	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000765	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000766	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000767	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000768	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000769	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000770	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000771	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000772	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000773	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000774	0.0344827586	2.00	4.82	2.30
** -----					
** LINE VOLUME Source ID = GRIFF					
SRCPARAM	L0000775	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000776	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000777	0.3333333333	2.00	3.69	2.30
** -----					
** LINE VOLUME Source ID = NHUD					
SRCPARAM	L0000778	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000779	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000780	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000781	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000782	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000783	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000784	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000785	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000786	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000787	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000788	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000789	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000790	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000791	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000792	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000793	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000794	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000795	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000796	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000797	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000798	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000799	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000800	0.023255814	2.00	4.96	2.30

SRCPARAM	L0000801	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000802	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000803	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000804	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000805	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000806	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000807	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000808	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000809	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000810	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000811	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000812	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000813	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000814	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000815	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000816	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000817	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000818	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000819	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000820	0.023255814	2.00	4.96	2.30
** -----					
** LINE VOLUME Source ID = ARELI					
SRCPARAM	L0000821	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000822	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000823	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000824	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000825	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000826	0.1666666667	2.00	5.67	2.30
** -----					
** LINE VOLUME Source ID = EARLN					
SRCPARAM	L0000827	0.025	2.00	3.97	2.30
SRCPARAM	L0000828	0.025	2.00	3.97	2.30
SRCPARAM	L0000829	0.025	2.00	3.97	2.30
SRCPARAM	L0000830	0.025	2.00	3.97	2.30
SRCPARAM	L0000831	0.025	2.00	3.97	2.30
SRCPARAM	L0000832	0.025	2.00	3.97	2.30
SRCPARAM	L0000833	0.025	2.00	3.97	2.30
SRCPARAM	L0000834	0.025	2.00	3.97	2.30
SRCPARAM	L0000835	0.025	2.00	3.97	2.30
SRCPARAM	L0000836	0.025	2.00	3.97	2.30
SRCPARAM	L0000837	0.025	2.00	3.97	2.30
SRCPARAM	L0000838	0.025	2.00	3.97	2.30
SRCPARAM	L0000839	0.025	2.00	3.97	2.30
SRCPARAM	L0000840	0.025	2.00	3.97	2.30
SRCPARAM	L0000841	0.025	2.00	3.97	2.30
SRCPARAM	L0000842	0.025	2.00	3.97	2.30
SRCPARAM	L0000843	0.025	2.00	3.97	2.30
SRCPARAM	L0000844	0.025	2.00	3.97	2.30
SRCPARAM	L0000845	0.025	2.00	3.97	2.30
SRCPARAM	L0000846	0.025	2.00	3.97	2.30
SRCPARAM	L0000847	0.025	2.00	3.97	2.30
SRCPARAM	L0000848	0.025	2.00	3.97	2.30
SRCPARAM	L0000849	0.025	2.00	3.97	2.30
SRCPARAM	L0000850	0.025	2.00	3.97	2.30
SRCPARAM	L0000851	0.025	2.00	3.97	2.30
SRCPARAM	L0000852	0.025	2.00	3.97	2.30
SRCPARAM	L0000853	0.025	2.00	3.97	2.30

SRCPARAM	L0000854	0.025	2.00	3.97	2.30
SRCPARAM	L0000855	0.025	2.00	3.97	2.30
SRCPARAM	L0000856	0.025	2.00	3.97	2.30
SRCPARAM	L0000857	0.025	2.00	3.97	2.30
SRCPARAM	L0000858	0.025	2.00	3.97	2.30
SRCPARAM	L0000859	0.025	2.00	3.97	2.30
SRCPARAM	L0000860	0.025	2.00	3.97	2.30
SRCPARAM	L0000861	0.025	2.00	3.97	2.30
SRCPARAM	L0000862	0.025	2.00	3.97	2.30
SRCPARAM	L0000863	0.025	2.00	3.97	2.30
SRCPARAM	L0000864	0.025	2.00	3.97	2.30
SRCPARAM	L0000865	0.025	2.00	3.97	2.30
SRCPARAM	L0000866	0.025	2.00	3.97	2.30
** -----					
** LINE VOLUME Source ID = DONS					
SRCPARAM	L0000867	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000868	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000869	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000870	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000871	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000872	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000873	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000874	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000875	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000876	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000877	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000878	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000879	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000880	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000881	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000882	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000883	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000884	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000885	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000886	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000887	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000888	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000889	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000890	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000891	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000892	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000893	0.037037037	2.00	5.67	2.30
** -----					
** LINE VOLUME Source ID = GALVEZ					
SRCPARAM	L0000894	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000895	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000896	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000897	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000898	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000899	0.1666666667	2.00	11.34	2.30
** -----					
** LINE VOLUME Source ID = INNESS					
SRCPARAM	L0000900	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000901	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000902	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000903	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000904	0.0714285714	2.00	5.67	2.30

SRCPARAM	L0000905	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000906	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000907	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000908	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000909	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000910	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000911	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000912	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000913	0.0714285714	2.00	5.67	2.30
**-----					
**	LINE VOLUME Source ID = HUDSON				
SRCPARAM	L0000914	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000915	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000916	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000917	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000918	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000919	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000920	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000921	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000922	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000923	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000924	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000925	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000926	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000927	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000928	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000929	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000930	0.0588235294	2.00	4.54	2.30
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**	LINE VOLUME Source ID = KIRKS				
SRCPARAM	L0000931	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000932	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000933	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000934	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000935	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000936	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000937	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000938	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000939	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000940	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000941	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000942	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000943	0.0769230769	2.00	4.54	2.30
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**	LINE VOLUME Source ID = FRIED				
SRCPARAM	L0000944	0.04	2.00	4.54	2.30
SRCPARAM	L0000945	0.04	2.00	4.54	2.30
SRCPARAM	L0000946	0.04	2.00	4.54	2.30
SRCPARAM	L0000947	0.04	2.00	4.54	2.30
SRCPARAM	L0000948	0.04	2.00	4.54	2.30
SRCPARAM	L0000949	0.04	2.00	4.54	2.30
SRCPARAM	L0000950	0.04	2.00	4.54	2.30
SRCPARAM	L0000951	0.04	2.00	4.54	2.30
SRCPARAM	L0000952	0.04	2.00	4.54	2.30
SRCPARAM	L0000953	0.04	2.00	4.54	2.30
SRCPARAM	L0000954	0.04	2.00	4.54	2.30
SRCPARAM	L0000955	0.04	2.00	4.54	2.30

SRCPARAM	L0000956	0.04	2.00	4.54	2.30
SRCPARAM	L0000957	0.04	2.00	4.54	2.30
SRCPARAM	L0000958	0.04	2.00	4.54	2.30
SRCPARAM	L0000959	0.04	2.00	4.54	2.30
SRCPARAM	L0000960	0.04	2.00	4.54	2.30
SRCPARAM	L0000961	0.04	2.00	4.54	2.30
SRCPARAM	L0000962	0.04	2.00	4.54	2.30
SRCPARAM	L0000963	0.04	2.00	4.54	2.30
SRCPARAM	L0000964	0.04	2.00	4.54	2.30
SRCPARAM	L0000965	0.04	2.00	4.54	2.30
SRCPARAM	L0000966	0.04	2.00	4.54	2.30
SRCPARAM	L0000967	0.04	2.00	4.54	2.30
SRCPARAM	L0000968	0.04	2.00	4.54	2.30

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\*\* LINE VOLUME Source ID = JERR

SRCPARAM	L0000969	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000970	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000971	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000972	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000973	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000974	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000975	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000976	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000977	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000978	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000979	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000980	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000981	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000982	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000983	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000984	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000985	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000986	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000987	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000988	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000989	0.0476190476	2.00	4.54	2.30

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\*\* LINE VOLUME Source ID = NORTH

SRCPARAM	L0000990	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000991	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000992	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000993	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000994	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000995	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000996	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000997	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000998	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000999	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001000	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001001	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001002	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001003	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001004	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001005	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001006	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001007	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001008	0.0147058824	2.00	4.54	2.30

SRCPARAM	L0001009	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001010	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001011	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001012	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001013	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001014	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001015	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001016	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001017	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001018	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001019	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001020	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001021	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001022	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001023	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001024	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001025	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001026	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001027	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001028	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001029	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001030	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001031	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001032	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001033	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001034	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001035	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001036	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001037	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001038	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001039	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001040	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001041	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001042	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001043	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001044	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001045	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001046	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001047	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001048	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001049	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001050	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001051	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001052	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001053	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001054	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001055	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001056	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001057	0.0147058824	2.00	4.54	2.30

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\*\* LINE VOLUME Source ID = EARLS

SRCPARAM	L0001058	0.125	2.00	4.54	2.30
SRCPARAM	L0001059	0.125	2.00	4.54	2.30
SRCPARAM	L0001060	0.125	2.00	4.54	2.30
SRCPARAM	L0001061	0.125	2.00	4.54	2.30
SRCPARAM	L0001062	0.125	2.00	4.54	2.30
SRCPARAM	L0001063	0.125	2.00	4.54	2.30



SRCPARAM	L0001064	0.125	2.00	4.54	2.30
SRCPARAM	L0001065	0.125	2.00	4.54	2.30
** -----					
**	LINE VOLUME Source ID = KIRKN				
SRCPARAM	L0001066	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001067	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001068	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001069	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001070	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001071	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001072	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001073	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001074	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001075	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001076	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001077	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001078	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001079	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001080	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001081	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001082	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001083	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001084	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001085	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001086	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001087	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001088	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001089	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001090	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001091	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001092	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001093	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001094	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001095	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001096	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001097	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001098	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001099	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001100	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001101	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001102	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001103	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001104	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001105	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001106	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001107	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001108	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001109	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001110	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001111	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001112	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001113	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001114	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001115	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001116	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001117	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001118	0.0149253731	2.00	4.54	2.30

SRCPARAM	L0001119	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001120	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001121	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001122	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001123	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001124	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001125	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001126	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001127	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001128	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001129	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001130	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001131	0.0149253731	2.00	4.54	2.30		
SRCPARAM	L0001132	0.0149253731	2.00	4.54	2.30		
**							
** LINE VOLUME Source ID = INGALLS							
SRCPARAM	L0001133	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001134	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001135	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001136	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001137	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001138	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001139	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001140	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001141	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001142	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001143	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001144	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001145	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001146	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001147	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001148	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001149	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001150	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001151	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001152	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001153	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001154	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001155	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001156	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001157	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001158	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001159	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001160	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001161	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001162	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001163	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001164	0.0303030303	2.00	5.10	2.30		
SRCPARAM	L0001165	0.0303030303	2.00	5.10	2.30		
**							
** Building Downwash **							
BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN1	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72

BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	20.73	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	18.29	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN3	18.59	18.59	4.57	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN3	22.86	22.86	21.64	18.29	20.73	42.67
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	44.20	44.20	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN5	24.38	24.38	24.38	24.38	24.38	24.38
BUILDHGT	EMGEN5	24.38	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	18.29	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	20.73	20.73	42.67
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	20.73	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	18.29	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	18.29	18.29	18.29	42.67
BUILDHGT	EMGEN7	18.59	18.59	13.72	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	20.73	22.86
BUILDHGT	EMGEN7	22.86	22.86	21.64	18.29	20.73	42.67
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	44.20	44.20	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN1	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08

BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	103.36	99.97	68.37	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	25.95	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	76.66	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN3	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN3	30.02	28.94	8.18	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN3	103.61	103.36	23.58	103.89	73.76	42.72
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	40.38	41.57	33.13	33.20	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	68.01	66.09	62.17	60.89	63.87	64.92
BUILDWID	EMGEN5	63.99	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	107.12	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	103.36	99.97	68.37	73.76	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	21.17	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	76.66	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	105.17
BUILDWID	EMGEN7	103.61	103.36	98.35	98.70	96.05	42.72
BUILDWID	EMGEN7	30.02	28.94	45.61	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	27.85	105.17
BUILDWID	EMGEN7	103.61	103.36	23.58	103.89	73.76	42.72
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	40.38	41.57	33.13	33.20	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDLN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLN	EMGEN1	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLN	EMGEN1	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11

BUILDLEN	EMGEN2	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	70.66	81.29	75.56	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	32.07	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	51.26	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN3	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN3	29.41	30.15	8.22	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN3	60.89	70.66	26.12	71.03	71.93	41.49
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	44.12	43.79	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	49.94	44.33	42.69	47.08	54.50	60.26
BUILDLEN	EMGEN5	64.18	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	98.70	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	70.66	81.29	75.56	71.93	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	20.09	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	51.26	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	66.09	62.17
BUILDLEN	EMGEN7	60.89	70.66	103.60	107.12	107.39	41.49
BUILDLEN	EMGEN7	29.41	30.15	77.19	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	20.12	62.17
BUILDLEN	EMGEN7	60.89	70.66	26.12	71.03	71.93	41.49
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	44.12	43.79	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
XBADJ	EMGEN1	-50.56	-42.27	-32.69	-27.79	-26.50	-24.41
XBADJ	EMGEN1	-21.58	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	0.63	-2.07	-10.00	-19.29	-27.99	-35.84
XBADJ	EMGEN1	-42.60	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-31.55	-93.15	-97.43	-98.75	-97.06	-92.43

XBADJ	EMGEN2	-87.96	-118.76	-117.86	21.75	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-130.12	53.24	58.63	61.71	62.92	62.22
XBADJ	EMGEN2	58.16	-125.27	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-115.11	-104.08
XBADJ	EMGEN3	-92.94	-87.65	34.90	32.24	28.59	76.63
XBADJ	EMGEN3	34.76	31.69	-1.81	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-122.34	41.90
XBADJ	EMGEN3	32.05	16.98	-122.78	-139.36	-141.26	-118.12
XBADJ	EMGEN4	-75.36	-74.08	-16.67	-64.87	-22.50	-24.79
XBADJ	EMGEN4	-228.73	-229.48	-26.99	-26.09	-24.39	-21.95
XBADJ	EMGEN4	-19.49	-21.01	-21.89	31.75	35.04	37.26
XBADJ	EMGEN4	38.35	38.28	-13.68	16.99	-9.46	-7.28
XBADJ	EMGEN4	-4.88	-2.33	0.29	2.90	3.70	2.27
XBADJ	EMGEN4	0.75	-2.23	-5.13	-65.65	-71.08	-74.35
XBADJ	EMGEN5	-50.77	-42.22	-32.39	-27.24	-25.73	-23.43
XBADJ	EMGEN5	-20.42	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	0.84	-2.11	-10.30	-19.84	-28.77	-36.83
XBADJ	EMGEN5	-43.76	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-33.41	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-119.50	-118.29	21.65	29.56	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-121.58	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-124.54	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-116.32	-105.11
XBADJ	EMGEN7	-93.76	-88.23	34.57	32.17	28.79	77.08
XBADJ	EMGEN7	35.45	32.61	7.92	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-121.13	42.93
XBADJ	EMGEN7	32.87	17.57	-122.44	-139.29	-141.45	-118.57
XBADJ	EMGEN8	-76.93	-75.78	-18.46	-66.68	-24.28	-26.49
XBADJ	EMGEN8	-230.29	-230.86	-28.15	-26.99	-25.01	-22.26
XBADJ	EMGEN8	-19.49	-20.69	-21.27	32.66	36.20	38.65
XBADJ	EMGEN8	39.92	39.98	-11.90	18.80	-7.68	-5.58
XBADJ	EMGEN8	-3.31	-0.95	1.45	3.80	4.32	2.58
XBADJ	EMGEN8	0.74	-2.55	-5.76	-66.56	-72.25	-75.74
YBADJ	EMGEN1	-24.42	-28.22	-31.16	-32.37	-33.76	-34.13
YBADJ	EMGEN1	-33.46	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	24.42	28.22	31.16	32.37	33.76	34.13
YBADJ	EMGEN1	33.46	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-47.64	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-26.11	-44.69	-38.34	-42.39	-33.02

YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	20.24	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	18.54	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-13.32	-24.52
YBADJ	EMGEN3	-37.82	-52.19	-15.21	3.94	22.96	-33.00
YBADJ	EMGEN3	11.28	19.65	3.47	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	-21.62	24.52
YBADJ	EMGEN3	37.82	52.19	-22.18	15.59	34.43	33.00
YBADJ	EMGEN4	0.45	-9.15	10.47	-9.60	9.39	8.38
YBADJ	EMGEN4	23.52	-12.78	3.98	2.20	0.36	-1.50
YBADJ	EMGEN4	-4.09	-6.52	-8.76	-28.03	-19.33	-10.04
YBADJ	EMGEN4	-0.45	9.15	-10.47	9.60	-9.39	-8.38
YBADJ	EMGEN4	-7.11	-5.63	-3.97	-2.20	-0.36	1.50
YBADJ	EMGEN4	4.09	6.52	8.76	28.03	19.33	10.04
YBADJ	EMGEN5	-25.88	-29.69	-32.61	-33.74	-35.02	-35.23
YBADJ	EMGEN5	-34.38	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	25.88	29.69	32.61	33.74	35.02	35.23
YBADJ	EMGEN5	34.38	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94
YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-47.54	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-27.82	-46.51	-40.21	-29.26	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	11.17	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	20.26	21.43	0.49	-20.48	34.81
YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-25.64
YBADJ	EMGEN7	-39.09	-53.59	-16.69	2.42	21.45	-34.45
YBADJ	EMGEN7	9.93	18.45	29.51	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	-20.71	25.64
YBADJ	EMGEN7	39.09	53.59	-20.70	17.11	35.94	34.45
YBADJ	EMGEN8	1.35	-8.54	10.78	-9.60	9.07	7.76
YBADJ	EMGEN8	22.61	-13.95	2.59	0.63	-1.35	-3.28
YBADJ	EMGEN8	-5.90	-8.30	-10.46	-29.60	-20.71	-11.21
YBADJ	EMGEN8	-1.35	8.54	-10.78	9.60	-9.07	-7.76
YBADJ	EMGEN8	-6.20	-4.46	-2.58	-0.63	1.35	3.28
YBADJ	EMGEN8	5.90	8.30	10.46	29.60	20.71	11.20
SRCGROUP	EMGEN1	EMGEN1					
SRCGROUP	EMGEN2	EMGEN2					
SRCGROUP	EMGEN3	EMGEN3					
SRCGROUP	EMGEN4	EMGEN4					
SRCGROUP	EMGEN5	EMGEN5					
SRCGROUP	EMGEN6	EMGEN6					
SRCGROUP	EMGEN7	EMGEN7					
SRCGROUP	EMGEN8	EMGEN8					
SRCGROUP	INNESN	L0000001	L0000002	L0000003	L0000004	L0000005	L0000006
SRCGROUP	INNESN	L0000007	L0000008	L0000009	L0000010	L0000011	L0000012
SRCGROUP	INNESN	L0000013	L0000014	L0000015	L0000016	L0000017	L0000018

SRCGROUP	INNESN	L0000019	L0000020	L0000021	L0000022	L0000023	L0000024
SRCGROUP	INNESN	L0000025	L0000026	L0000027	L0000028	L0000029	L0000030
SRCGROUP	INNESN	L0000031	L0000032	L0000033	L0000034	L0000035	L0000036
SRCGROUP	INNESN	L0000037	L0000038	L0000039	L0000040	L0000041	L0000042
SRCGROUP	INNESN	L0000043	L0000044	L0000045	L0000046	L0000047	L0000048
SRCGROUP	INNESN	L0000049	L0000050	L0000051	L0000052	L0000053	L0000054
SRCGROUP	INNESN	L0000055	L0000056	L0000057	L0000058	L0000059	L0000060
SRCGROUP	INNESN	L0000061	L0000062	L0000063	L0000064	L0000065	L0000066
SRCGROUP	INNESN	L0000067	L0000068	L0000069	L0000070	L0000071	L0000072
SRCGROUP	INNESN	L0000073	L0000074				
SRCGROUP	HAWES	L0000688	L0000689	L0000690	L0000691		
SRCGROUP	HUNT	L0000692	L0000693	L0000694	L0000695	L0000696	L0000697
SRCGROUP	HUNT	L0000698	L0000699	L0000700	L0000701	L0000702	L0000703
SRCGROUP	HUNT	L0000704	L0000705	L0000706	L0000707	L0000708	L0000709
SRCGROUP	HUNT	L0000710	L0000711	L0000712	L0000713	L0000714	L0000715
SRCGROUP	HUNT	L0000716	L0000717	L0000718	L0000719	L0000720	L0000721
SRCGROUP	HUNT	L0000722	L0000723				
SRCGROUP	EVANS	L0000724	L0000725	L0000726	L0000727	L0000728	L0000729
SRCGROUP	EVANS	L0000730	L0000731	L0000732	L0000733	L0000734	L0000735
SRCGROUP	EVANS	L0000736	L0000737				
SRCGROUP	JENN	L0000738	L0000739	L0000740	L0000741	L0000742	L0000743
SRCGROUP	JENN	L0000744	L0000745				
SRCGROUP	MIDDLE	L0000746	L0000747	L0000748	L0000749	L0000750	L0000751
SRCGROUP	MIDDLE	L0000752	L0000753	L0000754	L0000755	L0000756	L0000757
SRCGROUP	MIDDLE	L0000758	L0000759	L0000760	L0000761	L0000762	L0000763
SRCGROUP	MIDDLE	L0000764	L0000765	L0000766	L0000767	L0000768	L0000769
SRCGROUP	MIDDLE	L0000770	L0000771	L0000772	L0000773	L0000774	
SRCGROUP	GRIFF	L0000775	L0000776	L0000777			
SRCGROUP	NHUD	L0000778	L0000779	L0000780	L0000781	L0000782	L0000783
SRCGROUP	NHUD	L0000784	L0000785	L0000786	L0000787	L0000788	L0000789
SRCGROUP	NHUD	L0000790	L0000791	L0000792	L0000793	L0000794	L0000795
SRCGROUP	NHUD	L0000796	L0000797	L0000798	L0000799	L0000800	L0000801
SRCGROUP	NHUD	L0000802	L0000803	L0000804	L0000805	L0000806	L0000807
SRCGROUP	NHUD	L0000808	L0000809	L0000810	L0000811	L0000812	L0000813
SRCGROUP	NHUD	L0000814	L0000815	L0000816	L0000817	L0000818	L0000819
SRCGROUP	NHUD	L0000820					
SRCGROUP	ARELI	L0000821	L0000822	L0000823	L0000824	L0000825	L0000826
SRCGROUP	EARLN	L0000827	L0000828	L0000829	L0000830	L0000831	L0000832
SRCGROUP	EARLN	L0000833	L0000834	L0000835	L0000836	L0000837	L0000838
SRCGROUP	EARLN	L0000839	L0000840	L0000841	L0000842	L0000843	L0000844
SRCGROUP	EARLN	L0000845	L0000846	L0000847	L0000848	L0000849	L0000850
SRCGROUP	EARLN	L0000851	L0000852	L0000853	L0000854	L0000855	L0000856
SRCGROUP	EARLN	L0000857	L0000858	L0000859	L0000860	L0000861	L0000862
SRCGROUP	EARLN	L0000863	L0000864	L0000865	L0000866		
SRCGROUP	DONS	L0000867	L0000868	L0000869	L0000870	L0000871	L0000872
SRCGROUP	DONS	L0000873	L0000874	L0000875	L0000876	L0000877	L0000878
SRCGROUP	DONS	L0000879	L0000880	L0000881	L0000882	L0000883	L0000884
SRCGROUP	DONS	L0000885	L0000886	L0000887	L0000888	L0000889	L0000890
SRCGROUP	DONS	L0000891	L0000892	L0000893			
SRCGROUP	GALVEZ	L0000894	L0000895	L0000896	L0000897	L0000898	L0000899
SRCGROUP	INNESS	L0000900	L0000901	L0000902	L0000903	L0000904	L0000905
SRCGROUP	INNESS	L0000906	L0000907	L0000908	L0000909	L0000910	L0000911
SRCGROUP	INNESS	L0000912	L0000913				
SRCGROUP	HUDSON	L0000914	L0000915	L0000916	L0000917	L0000918	L0000919
SRCGROUP	HUDSON	L0000920	L0000921	L0000922	L0000923	L0000924	L0000925
SRCGROUP	HUDSON	L0000926	L0000927	L0000928	L0000929	L0000930	
SRCGROUP	KIRKS	L0000931	L0000932	L0000933	L0000934	L0000935	L0000936



SRCGROUP	KIRKS	L0000937	L0000938	L0000939	L0000940	L0000941	L0000942
SRCGROUP	KIRKS	L0000943					
SRCGROUP	FRIED	L0000944	L0000945	L0000946	L0000947	L0000948	L0000949
SRCGROUP	FRIED	L0000950	L0000951	L0000952	L0000953	L0000954	L0000955
SRCGROUP	FRIED	L0000956	L0000957	L0000958	L0000959	L0000960	L0000961
SRCGROUP	FRIED	L0000962	L0000963	L0000964	L0000965	L0000966	L0000967
SRCGROUP	FRIED	L0000968					
SRCGROUP	JERR	L0000969	L0000970	L0000971	L0000972	L0000973	L0000974
SRCGROUP	JERR	L0000975	L0000976	L0000977	L0000978	L0000979	L0000980
SRCGROUP	JERR	L0000981	L0000982	L0000983	L0000984	L0000985	L0000986
SRCGROUP	JERR	L0000987	L0000988	L0000989			
SRCGROUP	NORTH	L0000990	L0000991	L0000992	L0000993	L0000994	L0000995
SRCGROUP	NORTH	L0000996	L0000997	L0000998	L0000999	L0001000	L0001001
SRCGROUP	NORTH	L0001002	L0001003	L0001004	L0001005	L0001006	L0001007
SRCGROUP	NORTH	L0001008	L0001009	L0001010	L0001011	L0001012	L0001013
SRCGROUP	NORTH	L0001014	L0001015	L0001016	L0001017	L0001018	L0001019
SRCGROUP	NORTH	L0001020	L0001021	L0001022	L0001023	L0001024	L0001025
SRCGROUP	NORTH	L0001026	L0001027	L0001028	L0001029	L0001030	L0001031
SRCGROUP	NORTH	L0001032	L0001033	L0001034	L0001035	L0001036	L0001037
SRCGROUP	NORTH	L0001038	L0001039	L0001040	L0001041	L0001042	L0001043
SRCGROUP	NORTH	L0001044	L0001045	L0001046	L0001047	L0001048	L0001049
SRCGROUP	NORTH	L0001050	L0001051	L0001052	L0001053	L0001054	L0001055
SRCGROUP	NORTH	L0001056	L0001057				
SRCGROUP	EARLS	L0001058	L0001059	L0001060	L0001061	L0001062	L0001063
SRCGROUP	EARLS	L0001064	L0001065				
SRCGROUP	KIRKN	L0001066	L0001067	L0001068	L0001069	L0001070	L0001071
SRCGROUP	KIRKN	L0001072	L0001073	L0001074	L0001075	L0001076	L0001077
SRCGROUP	KIRKN	L0001078	L0001079	L0001080	L0001081	L0001082	L0001083
SRCGROUP	KIRKN	L0001084	L0001085	L0001086	L0001087	L0001088	L0001089
SRCGROUP	KIRKN	L0001090	L0001091	L0001092	L0001093	L0001094	L0001095
SRCGROUP	KIRKN	L0001096	L0001097	L0001098	L0001099	L0001100	L0001101
SRCGROUP	KIRKN	L0001102	L0001103	L0001104	L0001105	L0001106	L0001107
SRCGROUP	KIRKN	L0001108	L0001109	L0001110	L0001111	L0001112	L0001113
SRCGROUP	KIRKN	L0001114	L0001115	L0001116	L0001117	L0001118	L0001119
SRCGROUP	KIRKN	L0001120	L0001121	L0001122	L0001123	L0001124	L0001125
SRCGROUP	KIRKN	L0001126	L0001127	L0001128	L0001129	L0001130	L0001131
SRCGROUP	KIRKN	L0001132					
SRCGROUP	INGALLS	L0001133	L0001134	L0001135	L0001136	L0001137	L0001138
SRCGROUP	INGALLS	L0001139	L0001140	L0001141	L0001142	L0001143	L0001144
SRCGROUP	INGALLS	L0001145	L0001146	L0001147	L0001148	L0001149	L0001150
SRCGROUP	INGALLS	L0001151	L0001152	L0001153	L0001154	L0001155	L0001156
SRCGROUP	INGALLS	L0001157	L0001158	L0001159	L0001160	L0001161	L0001162
SRCGROUP	INGALLS	L0001163	L0001164	L0001165			

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED PRECON.ROU

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE mission\_bay\_2008.SFC

PROFFILE mission\_bay\_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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OU STARTING

OU RECTABLE ALLAVE 1

PLOTFILE 1 EMGEN1 1ST Plots\EMGEN1\_1hr\_OpsEP.PLT

PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2\_1hr\_OpsEP.PLT

PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3\_1hr\_OpsEP.PLT

PLOTFILE 1 EMGEN4 1ST Plots\EMGEN4\_1hr\_OpsEP.PLT

PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5\_1hr\_OpsEP.PLT

PLOTFILE 1 EMGEN6 1ST Plots\EMGEN6\_1hr\_OpsEP.PLT

PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7\_1hr\_OpsEP.PLT

PLOTFILE 1 EMGEN8 1ST Plots\EMGEN8\_1hr\_OpsEP.PLT

PLOTFILE 1 INNESN 1ST Plots\INNESN\_1hr\_OpsEP.PLT

PLOTFILE 1 HAWES 1ST Plots\HAWES\_1hr\_OpsEP.PLT

PLOTFILE 1 HUNT 1ST Plots\HUNT\_1hr\_OpsEP.PLT

PLOTFILE 1 EVANS 1ST Plots\EVANS\_1hr\_OpsEP.PLT

PLOTFILE 1 JENN 1ST Plots\JENN\_1hr\_OpsEP.PLT

PLOTFILE 1 MIDDLE 1ST Plots\MIDDLE\_1hr\_OpsEP.PLT

PLOTFILE 1 GRIFF 1ST Plots\GRIFF\_1hr\_OpsEP.PLT

PLOTFILE 1 NHUD 1ST Plots\NHUD\_1hr\_OpsEP.PLT

PLOTFILE 1 ARELI 1ST Plots\ARELI\_1hr\_OpsEP.PLT

PLOTFILE 1 EARLN 1ST Plots\EARLN\_1hr\_OpsEP.PLT

PLOTFILE 1 DONS 1ST Plots\DONS\_1hr\_OpsEP.PLT

PLOTFILE 1 GALVEZ 1ST Plots\GALVEZ\_1hr\_OpsEP.PLT

PLOTFILE 1 INNESS 1ST Plots\INNESS\_1hr\_OpsEP.PLT

PLOTFILE 1 HUDSON 1ST Plots\HUDSON\_1hr\_OpsEP.PLT

PLOTFILE 1 KIRKS 1ST Plots\KIRKS\_1hr\_OpsEP.PLT

PLOTFILE 1 FRIED 1ST Plots\FRIED\_1hr\_OpsEP.PLT

PLOTFILE 1 JERR 1ST Plots\JERR\_1hr\_OpsEP.PLT

PLOTFILE 1 NORTH 1ST Plots\NORTH\_1hr\_OpsEP.PLT

PLOTFILE 1 EARLS 1ST Plots\EARLS\_1hr\_OpsEP.PLT

PLOTFILE 1 KIRKN 1ST Plots\KIRKN\_1hr\_OpsEP.PLT

PLOTFILE 1 INGALLS 1ST Plots\INGALLS\_1hr\_OpsEP.PLT

PLOTFILE PERIOD EMGEN1 Plots\EMGEN1\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EMGEN2 Plots\EMGEN2\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EMGEN3 Plots\EMGEN3\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EMGEN4 Plots\EMGEN4\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EMGEN5 Plots\EMGEN5\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EMGEN6 Plots\EMGEN6\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EMGEN7 Plots\EMGEN7\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EMGEN8 Plots\EMGEN8\_Ann\_OpsEP.PLT

PLOTFILE PERIOD INNESN Plots\INNESN\_Ann\_OpsEP.PLT

PLOTFILE PERIOD HAWES Plots\HAWES\_Ann\_OpsEP.PLT

PLOTFILE PERIOD HUNT Plots\HUNT\_Ann\_OpsEP.PLT

PLOTFILE PERIOD EVANS Plots\EVANS\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD JENN Plots\JENN\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD MIDDLE Plots\MIDDLE\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD GRIFF Plots\GRIFF\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD NHUD Plots\NHUD\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD ARELI Plots\ARELI\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD EARLN Plots\EARLN\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD DONS Plots\DONS\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD GALVEZ Plots\GALVEZ\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD INNESS Plots\INNESS\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD HUDSON Plots\HUDSON\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD KIRKS Plots\KIRKS\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD FRIED Plots\FRIED\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD JERR Plots\JERR\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD NORTH Plots\NORTH\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD EARLS Plots\EARLS\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD KIRKN Plots\KIRKN\_Ann\_OpsEP.PLT  
PLOTFILE PERIOD INGALLS Plots\INGALLS\_Ann\_OpsEP.PLT

OU FINISHED

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\*\* Project Parameters

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\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM North American Datum 1983  
\*\* DTMRGN CONUS  
\*\* UNITS m  
\*\* ZONE 10  
\*\* ZONEINX 0  
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PM2.5 and Diesel PM Calculations for Modeling

4056	hrs/yr
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2018 Variant

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	AERMOD	HARP
												Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Grading	GRADE	-	118641.4	1.28E-01	7.73E-03	1.35E-01	6.29E-02	3.81E-03	6.67E-02	6.68E-08	4.05E-09	7.09E-08	15.4600
Building Construction	Phase1C1	-	6612.0	1.41E-02	8.37E-04	1.49E-02	6.94E-03	4.13E-04	7.35E-03	1.32E-07	7.87E-09	1.40E-07	1.6744
Building Construction	Phase1C2	-	1468.6	3.13E-03	1.86E-04	3.31E-03	1.54E-03	9.17E-05	1.63E-03	1.32E-07	7.87E-09	1.40E-07	0.3719
Building Construction	Phase1C3	-	514.0	1.09E-03	6.51E-05	1.16E-03	5.40E-04	3.21E-05	5.71E-04	1.32E-07	7.87E-09	1.40E-07	0.1302
Building Construction	Phase1C4	-	4507.7	9.60E-03	5.71E-04	1.02E-02	4.73E-03	2.81E-04	5.01E-03	1.32E-07	7.87E-09	1.40E-07	1.1415
Building Construction	Phase1C5	-	5671.8	1.21E-02	7.18E-04	1.28E-02	5.96E-03	3.54E-04	6.30E-03	1.32E-07	7.87E-09	1.40E-07	1.4363
Building Construction	Phase1C6	-	766.3	1.63E-03	9.70E-05	1.73E-03	8.05E-04	4.78E-05	8.52E-04	1.32E-07	7.87E-09	1.40E-07	0.1941
Building Construction	Phase1C7	-	734.6	1.56E-03	9.30E-05	1.66E-03	7.71E-04	4.59E-05	8.17E-04	1.32E-07	7.87E-09	1.40E-07	0.1860
Building Construction	Phase1C8	-	575.2	1.22E-03	7.28E-05	1.30E-03	6.04E-04	3.59E-05	6.39E-04	1.32E-07	7.87E-09	1.40E-07	0.1457
Road	Trucks	88	-	1.14E-01	3.43E-02	1.48E-01	5.63E-02	1.69E-02	7.32E-02	8.05E-05	2.42E-05	1.05E-04	68.6200
Road	Worker Vehicles	88	-	3.63E-03	1.20E-04	3.75E-03	1.79E-03	5.92E-05	1.85E-03	2.56E-06	8.47E-08	2.65E-06	15.40
Road	SUM											1.07E-04	

Speciate

2019 Variant

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	AERMOD	HARP
												Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Paving	GRADE	-	118641.4	1.27E-01	2.59E-03	1.29E-01	6.24E-02	1.28E-03	6.37E-02	6.62E-08	1.36E-09	6.76E-08	5.1800
Building Construction	Phase1C1	-	6612.0	1.41E-02	2.26E-03	1.63E-02	6.94E-03	1.12E-03	8.05E-03	1.32E-07	2.13E-08	1.54E-07	4.5285
Building Construction	Phase1C2	-	1468.6	3.13E-03	5.03E-04	3.63E-03	1.54E-03	2.48E-04	1.79E-03	1.32E-07	2.13E-08	1.54E-07	1.0058
Building Construction	Phase1C3	-	514.0	1.09E-03	1.76E-04	1.27E-03	5.40E-04	8.68E-05	6.26E-04	1.32E-07	2.13E-08	1.54E-07	0.3520
Building Construction	Phase1C4	-	4507.7	9.60E-03	1.54E-03	1.11E-02	4.73E-03	7.61E-04	5.49E-03	1.32E-07	2.13E-08	1.54E-07	3.0873
Building Construction	Phase1C5	-	5671.8	1.21E-02	1.94E-03	1.40E-02	5.96E-03	9.58E-04	6.91E-03	1.32E-07	2.13E-08	1.54E-07	3.8845
Building Construction	Phase1C6	-	766.3	1.63E-03	2.62E-04	1.89E-03	8.05E-04	1.29E-04	9.33E-04	1.32E-07	2.13E-08	1.54E-07	0.5248
Building Construction	Phase1C7	-	734.6	1.56E-03	2.52E-04	1.81E-03	7.71E-04	1.24E-04	8.95E-04	1.32E-07	2.13E-08	1.54E-07	0.5031
Building Construction	Phase1C8	-	575.2	1.22E-03	1.97E-04	1.42E-03	6.04E-04	9.71E-05	7.00E-04	1.32E-07	2.13E-08	1.54E-07	0.3939
900 Innes	RPD1	-	9243	4.10E-03	9.38E-03	1.35E-02	2.02E-03	4.62E-03	6.65E-03	2.76E-08	6.30E-08	9.06E-08	18.7523
900 Innes Offshore	PILE	-	31729	0.00E+00	2.79E-04	2.79E-04	0.00E+00	1.38E-04	1.38E-04	0.00E+00	5.47E-10	5.47E-10	0.5590
Road	Trucks	88	-	1.63E-01	4.87E-02	2.12E-01	8.04E-02	2.40E-02	1.04E-01	1.15E-04	3.44E-05	1.49E-04	97.4200
Road	Worker Vehicles	88	-	1.97E-01	6.57E-03	2.03E-01	9.70E-02	3.24E-03	1.00E-01	1.39E-04	4.64E-06	1.43E-04	765.88
Road	SUM											2.93E-04	

Speciate

2020 Variant

AERMOD HARP

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6612.0	0.00E+00	2.05E-03	2.05E-03	0.00E+00	1.01E-03	1.01E-03	0.00E+00	1.92E-08	1.92E-08	4.0908
Building Construction	Phase1C2	-	1468.6	0.00E+00	4.54E-04	4.54E-04	0.00E+00	2.24E-04	2.24E-04	0.00E+00	1.92E-08	1.92E-08	0.9086
Building Construction	Phase1C3	-	514.0	0.00E+00	1.59E-04	1.59E-04	0.00E+00	7.84E-05	7.84E-05	0.00E+00	1.92E-08	1.92E-08	0.3180
Building Construction	Phase1C4	-	4507.7	0.00E+00	1.39E-03	1.39E-03	0.00E+00	6.88E-04	6.88E-04	0.00E+00	1.92E-08	1.92E-08	2.7889
Building Construction	Phase1C5	-	5671.8	0.00E+00	1.75E-03	1.75E-03	0.00E+00	8.65E-04	8.65E-04	0.00E+00	1.92E-08	1.92E-08	3.5091
Building Construction	Phase1C6	-	766.3	0.00E+00	2.37E-04	2.37E-04	0.00E+00	1.17E-04	1.17E-04	0.00E+00	1.92E-08	1.92E-08	0.4741
Building Construction	Phase1C7	-	734.6	0.00E+00	2.27E-04	2.27E-04	0.00E+00	1.12E-04	1.12E-04	0.00E+00	1.92E-08	1.92E-08	0.4545
Building Construction	Phase1C8	-	575.2	0.00E+00	1.78E-04	1.78E-04	0.00E+00	8.77E-05	8.77E-05	0.00E+00	1.92E-08	1.92E-08	0.3559
Big Green	BIGGRN	-	23683.5	5.32E-03	3.25E-03	8.57E-03	2.62E-03	1.60E-03	4.23E-03	1.40E-08	8.53E-09	2.25E-08	6.5000
Shoreline Wetlands/IBOS	SHORE	-	21869.2	1.66E-02	1.73E-03	1.84E-02	8.20E-03	8.51E-04	9.07E-03	4.73E-08	4.90E-09	5.22E-08	3.4517
Shoreline Park	RPD2	-	29685.8	2.04E-02	6.96E-03	2.73E-02	1.01E-02	3.43E-03	1.35E-02	4.27E-08	1.46E-08	5.73E-08	13.9200
Shoreline Park Offshore	PILE	-	31729	0.00E+00	1.27E-03	1.27E-03	0.00E+00	6.26E-04	6.26E-04	0.00E+00	2.48E-09	2.48E-09	2.5374
Building Construction	Phase2C1	-	1298.9	3.72E-03	1.73E-04	3.89E-03	1.83E-03	8.51E-05	1.92E-03	1.78E-07	8.26E-09	1.86E-07	0.3453
Building Construction	Phase2C2	-	828.5	2.37E-03	1.10E-04	2.48E-03	1.17E-03	5.43E-05	1.22E-03	1.78E-07	8.26E-09	1.86E-07	0.2202
Building Construction	Phase2C3	-	3116.8	8.92E-03	4.14E-04	9.33E-03	4.40E-03	2.04E-04	4.60E-03	1.78E-07	8.26E-09	1.86E-07	0.8285
Building Construction	Phase2C4	-	1038.9	2.97E-03	1.38E-04	3.11E-03	1.47E-03	6.81E-05	1.53E-03	1.78E-07	8.26E-09	1.86E-07	0.2761
Building Construction	Phase2C5	-	1217.5	3.49E-03	1.62E-04	3.64E-03	1.72E-03	7.98E-05	1.80E-03	1.78E-07	8.26E-09	1.86E-07	0.3236
Building Construction	Phase2C6	-	1086.4	3.11E-03	1.44E-04	3.25E-03	1.53E-03	7.12E-05	1.60E-03	1.78E-07	8.26E-09	1.86E-07	0.2888
Building Construction	Phase2C7	-	2172.6	6.22E-03	2.89E-04	6.50E-03	3.07E-03	1.42E-04	3.21E-03	1.78E-07	8.26E-09	1.86E-07	0.5775
Road	Trucks	88	-	6.97E-02	2.20E-02	9.18E-02	3.44E-02	1.09E-02	4.52E-02	4.92E-05	1.55E-05	6.47E-05	44.0400
Road	Worker Vehicles	88	-	1.80E-01	5.98E-03	1.86E-01	8.86E-02	2.95E-03	9.15E-02	1.27E-04	4.22E-06	1.31E-04	648.52
Road	SUM											1.96E-04	

Speciate

2021 Variant

AERMOD HARP

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Building Construction	Phase1C1	-	6612.0	0.00E+00	1.59E-05	1.59E-05	0.00E+00	7.82E-06	7.82E-06	0.00E+00	1.49E-10	1.49E-10	0.0317
Building Construction	Phase1C2	-	1468.6	0.00E+00	3.52E-06	3.52E-06	0.00E+00	1.74E-06	1.74E-06	0.00E+00	1.49E-10	1.49E-10	0.0070
Building Construction	Phase1C3	-	514.0	0.00E+00	1.23E-06	1.23E-06	0.00E+00	6.08E-07	6.08E-07	0.00E+00	1.49E-10	1.49E-10	0.0025
Building Construction	Phase1C4	-	4507.7	0.00E+00	1.08E-05	1.08E-05	0.00E+00	5.33E-06	5.33E-06	0.00E+00	1.49E-10	1.49E-10	0.0216
Building Construction	Phase1C5	-	5671.8	0.00E+00	1.36E-05	1.36E-05	0.00E+00	6.71E-06	6.71E-06	0.00E+00	1.49E-10	1.49E-10	0.0272
Building Construction	Phase1C6	-	766.3	0.00E+00	1.84E-06	1.84E-06	0.00E+00	9.06E-07	9.06E-07	0.00E+00	1.49E-10	1.49E-10	0.0037
Building Construction	Phase1C7	-	734.6	0.00E+00	1.76E-06	1.76E-06	0.00E+00	8.69E-07	8.69E-07	0.00E+00	1.49E-10	1.49E-10	0.0035
Building Construction	Phase1C8	-	575.2	0.00E+00	1.38E-06	1.38E-06	0.00E+00	6.80E-07	6.80E-07	0.00E+00	1.49E-10	1.49E-10	0.0028
Big Green	BIGGRN	-	23683.5	0.00E+00	1.67E-03	1.67E-03	0.00E+00	8.23E-04	8.23E-04	0.00E+00	4.38E-09	4.38E-09	3.3400
Shoreline Wetlands/IBOS	SHORE	-	21869.2	0.00E+00	4.48E-03	4.48E-03	0.00E+00	2.21E-03	2.21E-03	0.00E+00	1.27E-08	1.27E-08	8.9552
Building Construction	Phase2C1	-	1298.9	3.72E-03	8.49E-04	4.57E-03	1.83E-03	4.18E-04	2.25E-03	1.78E-07	4.06E-08	2.18E-07	1.6973
Building Construction	Phase2C2	-	828.5	2.37E-03	5.41E-04	2.92E-03	1.17E-03	2.67E-04	1.44E-03	1.78E-07	4.06E-08	2.18E-07	1.0826
Building Construction	Phase2C3	-	3116.8	8.92E-03	2.04E-03	1.10E-02	4.40E-03	1.00E-03	5.41E-03	1.78E-07	4.06E-08	2.18E-07	4.0728
Building Construction	Phase2C4	-	1038.9	2.97E-03	6.79E-04	3.66E-03	1.47E-03	3.35E-04	1.80E-03	1.78E-07	4.06E-08	2.18E-07	1.3576
Building Construction	Phase2C5	-	1217.5	3.49E-03	7.95E-04	4.29E-03	1.72E-03	3.92E-04	2.11E-03	1.78E-07	4.06E-08	2.18E-07	1.5910
Building Construction	Phase2C6	-	1086.4	3.11E-03	7.10E-04	3.82E-03	1.53E-03	3.50E-04	1.89E-03	1.78E-07	4.06E-08	2.18E-07	1.4196
Building Construction	Phase2C7	-	2172.6	6.22E-03	1.42E-03	7.65E-03	3.07E-03	7.00E-04	3.77E-03	1.78E-07	4.06E-08	2.18E-07	2.8390
Beach Pier	BEACH	-	5190.4	1.72E-02	9.20E-04	1.81E-02	8.48E-03	4.54E-04	8.94E-03	2.06E-07	1.10E-08	2.17E-07	1.8400
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.72E-02	2.64E-03	1.99E-02	8.48E-03	1.30E-03	9.81E-03	1.21E-05	1.86E-06	1.40E-05	5.2800
Road	Worker Vehicles	88	-	1.21E-01	3.96E-03	1.25E-01	5.98E-02	1.95E-03	6.18E-02	8.56E-05	2.80E-06	8.84E-05	419.14
Road	SUM											1.02E-04	

Speciate

2022 Variant

AERMOD HARP

Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr
Building Construction	Phase2C1	-	1298.9	0.00E+00	5.92E-04	5.92E-04	0.00E+00	2.92E-04	2.92E-04	0.00E+00	2.83E-08	2.83E-08	1.1831
Building Construction	Phase2C2	-	828.5	0.00E+00	3.77E-04	3.77E-04	0.00E+00	1.86E-04	1.86E-04	0.00E+00	2.83E-08	2.83E-08	0.7546
Building Construction	Phase2C3	-	3116.8	0.00E+00	1.42E-03	1.42E-03	0.00E+00	7.00E-04	7.00E-04	0.00E+00	2.83E-08	2.83E-08	2.8388
Building Construction	Phase2C4	-	1038.9	0.00E+00	4.73E-04	4.73E-04	0.00E+00	2.33E-04	2.33E-04	0.00E+00	2.83E-08	2.83E-08	0.9462
Building Construction	Phase2C5	-	1217.5	0.00E+00	5.54E-04	5.54E-04	0.00E+00	2.73E-04	2.73E-04	0.00E+00	2.83E-08	2.83E-08	1.1089
Building Construction	Phase2C6	-	1086.4	0.00E+00	4.95E-04	4.95E-04	0.00E+00	2.44E-04	2.44E-04	0.00E+00	2.83E-08	2.83E-08	0.9895
Building Construction	Phase2C7	-	2172.6	0.00E+00	9.89E-04	9.89E-04	0.00E+00	4.88E-04	4.88E-04	0.00E+00	2.83E-08	2.83E-08	1.9788
Beach Pier	BEACH	-	5190.4	0.00E+00	4.34E-03	4.34E-03	0.00E+00	2.14E-03	2.14E-03	0.00E+00	5.19E-08	5.19E-08	8.6800
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.7242
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.3621
Road	Trucks	88	-	1.02E-02	1.39E-03	1.16E-02	5.03E-03	6.85E-04	5.72E-03	7.20E-06	9.81E-07	8.18E-06	2.7800
Road	Worker Vehicles	88	-	7.81E-02	2.52E-03	8.06E-02	3.85E-02	1.24E-03	3.98E-02	5.51E-05	1.78E-06	5.69E-05	248.94
Road	SUM											6.51E-05	

Speciate

Operations - Variant

													AERMOD	HARP
Sources	IDs	# of Volumes	Area (m <sup>2</sup> )	PM25 Dust (tons/yr)	PM25 Exhaust (tons/yr)	PM25 Total (tons/yr)	PM25 Dust (lb/hr)	PM25 Exhaust (lb/hr)	Total PM25 (lb/hr)	PM25 Dust (g/s/m <sup>2</sup> )	PM25 Exhaust (g/s/vol or m <sup>2</sup> )	Total PM25 (g/s/vol or m <sup>2</sup> )	PM2.5 or TOG lb/yr	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN1	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN2	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
300 hp Emergency Engine at Big Green	EMGEN3	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
300 hp Emergency Engine at Flats & Earl	EMGEN4	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN5	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
600 hp Emergency Engine at Hamman Hillside Cove	EMGEN6	-	-	-	0.000	0.000	-	8.27E-05	8.27E-05	-	1.04E-05	1.04E-05	0.724	
300 hp Emergency Engine at Big Green	EMGEN7	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
300 hp Emergency Engine at Flats & Earl	EMGEN8	-	-	-	0.000	0.000	-	4.13E-05	4.13E-05	-	5.21E-06	5.21E-06	0.362	
Innes Avenue (North of Donahue Street)	INNESN	74	Cars	1.28E-01	7.82E-03	1.36E-01	2.92E-02	1.79E-03	3.10E-02	4.97E-05	3.04E-06	5.27E-05	565.06	Speciate
Hunter's Point Boulevard	HUNT	32	Cars	7.52E-02	4.60E-03	7.98E-02	1.72E-02	1.05E-03	1.82E-02	6.76E-05	4.14E-06	7.18E-05	332.46	Speciate
Evans Avenue	EVANS	14	Cars	3.29E-02	2.01E-03	3.49E-02	7.51E-03	4.60E-04	7.97E-03	6.76E-05	4.14E-06	7.18E-05	145.45	Speciate
New Griffith Street	GRIFF	3	Cars	2.56E-02	1.57E-03	2.71E-02	5.84E-03	3.57E-04	6.20E-03	2.45E-04	1.50E-05	2.60E-04	113.06	Speciate
New Hudson Street (Avenue?)	NHUD	43	Cars	4.86E-02	2.97E-03	5.15E-02	1.11E-02	6.79E-04	1.18E-02	3.25E-05	1.99E-06	3.45E-05	214.69	Speciate
Arelious Walker Drive	ARELI	6	Cars	5.54E-02	3.39E-03	5.87E-02	1.26E-02	7.73E-04	1.34E-02	2.65E-04	1.62E-05	2.82E-04	244.67	Speciate
Earl Street (North of Innes Avenue)	EARLN	39	Cars	4.86E-02	2.97E-03	5.15E-02	1.11E-02	6.79E-04	1.18E-02	3.58E-05	2.19E-06	3.80E-05	214.69	Speciate
Donahue Street (South of Galvez Avenue)	DONS	27	Cars	1.31E-03	8.04E-05	1.40E-03	3.00E-04	1.84E-05	3.19E-04	1.40E-06	8.57E-08	1.49E-06	5.81	Speciate
Galvez Avenue	GALVEZ	6	Cars	2.92E-04	1.79E-05	3.10E-04	6.67E-05	4.08E-06	7.08E-05	1.40E-06	8.57E-08	1.49E-06	1.29	Speciate
Innes Avenue (South of Donahue Street)	INNESS	14	Cars	6.82E-04	4.17E-05	7.23E-04	1.56E-04	9.52E-06	1.65E-04	1.40E-06	8.57E-08	1.49E-06	3.01	Speciate
Hudson Avenue	HUDSON	17	Cars	8.28E-04	5.06E-05	8.78E-04	1.89E-04	1.16E-05	2.01E-04	1.40E-06	8.57E-08	1.49E-06	3.66	Speciate
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Cars	6.33E-04	3.87E-05	6.72E-04	1.45E-04	8.84E-06	1.53E-04	1.40E-06	8.57E-08	1.49E-06	2.80	Speciate
Friedell Street	FRIED	25	Cars	1.22E-03	7.45E-05	1.29E-03	2.78E-04	1.70E-05	2.95E-04	1.40E-06	8.57E-08	1.49E-06	5.38	Speciate
Jerrold Avenue	JERR	20	Cars	9.74E-04	5.96E-05	1.03E-03	2.22E-04	1.36E-05	2.36E-04	1.40E-06	8.57E-08	1.49E-06	4.30	Speciate



Northridge Road	NORTH	68	Cars	3.31E-03	2.03E-04	3.51E-03	7.56E-04	4.63E-05	8.02E-04	1.40E-06	8.57E-08	1.49E-06	14.64	Speciate
Earl Street (South of Innes Avenue)	EARLS	8	Cars	3.90E-04	2.38E-05	4.13E-04	8.89E-05	5.44E-06	9.44E-05	1.40E-06	8.57E-08	1.49E-06	1.72	Speciate
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Cars	3.26E-03	2.00E-04	3.46E-03	7.45E-04	4.56E-05	7.90E-04	1.40E-06	8.57E-08	1.49E-06	14.42	Speciate
Ingalls Street	INGALLS	33	Cars	1.61E-03	9.83E-05	1.71E-03	3.67E-04	2.24E-05	3.89E-04	1.40E-06	8.57E-08	1.49E-06	7.10	Speciate
Jennings Street	JENN	8	Cars	2.18E-03	1.34E-04	2.32E-03	4.99E-04	3.05E-05	5.29E-04	7.85E-06	4.81E-07	8.34E-06	9.65	Speciate
Middle Point Road	MIDDLE	29	Cars	1.41E-03	8.64E-05	1.50E-03	3.22E-04	1.97E-05	3.42E-04	1.40E-06	8.57E-08	1.49E-06	6.24	Speciate
Hawes Street	HAWES	4	Cars	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00	Speciate
Innes Avenue (North of Donahue Street)	INNESN	74	Trucks	9.03E-03	5.52E-04	9.58E-03	-	1.26E-04	1.26E-04	-	2.15E-07	2.15E-07	1.1047	
Hunter's Point Boulevard	HUNT	32	Trucks	5.31E-03	3.25E-04	5.64E-03	-	7.42E-05	7.42E-05	-	2.92E-07	2.92E-07	0.6499	
Evans Avenue	EVANS	14	Trucks	2.32E-03	1.42E-04	2.47E-03	-	3.25E-05	3.25E-05	-	2.92E-07	2.92E-07	0.0051	
New Griffith Street	GRIFF	3	Trucks	1.81E-03	1.11E-04	1.92E-03	-	2.52E-05	2.52E-05	-	1.06E-06	1.06E-06	0.0040	
New Hudson Street (Avenue?)	NHUD	43	Trucks	3.43E-03	2.10E-04	3.64E-03	-	4.79E-05	4.79E-05	-	1.40E-07	1.40E-07	0.4197	
Arelious Walker Drive	ARELI	6	Trucks	3.91E-03	2.39E-04	4.15E-03	-	5.46E-05	5.46E-05	-	1.15E-06	1.15E-06	0.4783	
Earl Street (North of Innes Avenue)	EARLN	39	Trucks	3.43E-03	2.10E-04	3.64E-03	-	4.79E-05	4.79E-05	-	1.55E-07	1.55E-07	0.4197	
Donahue Street (South of Galvez Avenue)	DONS	27	Trucks	9.28E-05	5.68E-06	9.85E-05	-	1.30E-06	1.30E-06	-	6.05E-09	6.05E-09	0.0114	
Galvez Avenue	GALVEZ	6	Trucks	2.06E-05	1.26E-06	2.19E-05	-	2.88E-07	2.88E-07	-	6.05E-09	6.05E-09	0.0025	
Innes Avenue (South of Donahue Street)	INNESS	14	Trucks	4.81E-05	2.95E-06	5.11E-05	-	6.72E-07	6.72E-07	-	6.05E-09	6.05E-09	0.0059	
Hudson Avenue	HUDSON	17	Trucks	5.85E-05	3.58E-06	6.20E-05	-	8.17E-07	8.17E-07	-	6.05E-09	6.05E-09	0.0072	
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Trucks	4.47E-05	2.73E-06	4.74E-05	-	6.24E-07	6.24E-07	-	6.05E-09	6.05E-09	0.0055	
Friedell Street	FRIED	25	Trucks	8.60E-05	5.26E-06	9.12E-05	-	1.20E-06	1.20E-06	-	6.05E-09	6.05E-09	0.0105	
Jerrold Avenue	JERR	20	Trucks	6.88E-05	4.21E-06	7.30E-05	-	9.61E-07	9.61E-07	-	6.05E-09	6.05E-09	0.0084	
Northridge Road	NORTH	68	Trucks	2.34E-04	1.43E-05	2.48E-04	-	3.27E-06	3.27E-06	-	6.05E-09	6.05E-09	0.0286	
Earl Street (South of Innes Avenue)	EARLS	8	Trucks	2.75E-05	1.68E-06	2.92E-05	-	3.84E-07	3.84E-07	-	6.05E-09	6.05E-09	0.0034	
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Trucks	2.30E-04	1.41E-05	2.44E-04	-	3.22E-06	3.22E-06	-	6.05E-09	6.05E-09	0.0282	
Ingalls Street	INGALLS	33	Trucks	1.13E-04	6.94E-06	1.20E-04	-	1.59E-06	1.59E-06	-	6.05E-09	6.05E-09	0.0139	
Jennings Street	JENN	8	Trucks	1.54E-04	9.44E-06	1.64E-04	-	2.15E-06	2.15E-06	-	3.39E-08	3.39E-08	0.0189	
Middle Point Road	MIDDLE	29	Trucks	9.97E-05	6.10E-06	1.06E-04	-	1.39E-06	1.39E-06	-	6.05E-09	6.05E-09	0.0122	
Hawes Street	HAWES	4	Trucks	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.0000	

Innes Avenue (North of Donahue Street)	INNESN	74	Total			1.45E-01			3.11E-02			5.30E-05	N/A
Hunter's Point Boulevard	HUNT	32	Total			8.55E-02			1.83E-02			7.20E-05	N/A
Evans Avenue	EVANS	14	Total			3.74E-02			8.01E-03			7.20E-05	N/A
New Griffith Street	GRIFF	3	Total			2.91E-02			6.22E-03			2.61E-04	N/A
New Hudson Street (Avenue?)	NHUD	43	Total			5.52E-02			1.18E-02			3.46E-05	N/A
Arelious Walker Drive	ARELI	6	Total			6.29E-02			1.35E-02			2.83E-04	N/A
Earl Street (North of Innes Avenue)	EARLN	39	Total			5.52E-02			1.18E-02			3.82E-05	N/A
Donahue Street (South of Galvez Avenue)	DONS	27	Total			1.49E-03			3.20E-04			1.49E-06	N/A
Galvez Avenue	GALVEZ	6	Total			3.32E-04			7.11E-05			1.49E-06	N/A
Innes Avenue (South of Donahue Street)	INNESS	14	Total			7.75E-04			1.66E-04			1.49E-06	N/A
Hudson Avenue	HUDSON	17	Total			9.40E-04			2.01E-04			1.49E-06	N/A
Kirkwood Avenue/La Salle (South of Donahue Street)	KIRKS	13	Total			7.19E-04			1.54E-04			1.49E-06	N/A
Friedell Street	FRIED	25	Total			1.38E-03			2.96E-04			1.49E-06	N/A
Jerrold Avenue	JERR	20	Total			1.11E-03			2.37E-04			1.49E-06	N/A
Northridge Road	NORTH	68	Total			3.76E-03			8.05E-04			1.49E-06	N/A
Earl Street (South of Innes Avenue)	EARLS	8	Total			4.43E-04			9.48E-05			1.49E-06	N/A
Kirkwood Avenue/La Salle (North of Donahue Street)	KIRKN	67	Total			3.71E-03			7.94E-04			1.49E-06	N/A
Ingalls Street	INGALLS	33	Total			1.83E-03			3.91E-04			1.49E-06	N/A
Jennings Street	JENN	8	Total			2.48E-03			5.31E-04			8.37E-06	N/A
Middle Point Road	MIDDLE	29	Total			1.60E-03			3.44E-04			1.49E-06	N/A
Hawes Street	HAWES	4	Total			0.00E+00			0.00E+00			0.00E+00	N/A

0.463      0.028      0.491

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** AERMOD Control Pathway
*****
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**
CO STARTING
  TITLEONE 2018-2020 Existing Receptors - Maximum Commerical Variant Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
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**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
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** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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Source ID	Type	X Coord.	Y Coord.	
LOCATION GRADE	AREAPOLY	555042.085	4176328.678	6.096
LOCATION PHASE1C1	AREAPOLY	555026.479	4176281.861	6.096
LOCATION PHASE1C2	AREAPOLY	555222.916	4176198.157	7.620
LOCATION PHASE1C3	AREAPOLY	555289.282	4176118.664	12.192
LOCATION PHASE1C4	AREAPOLY	555229.049	4176203.404	5.182
LOCATION PHASE1C5	AREAPOLY	555319.797	4176185.976	6.096
LOCATION PHASE1C6	AREAPOLY	555172.354	4176309.620	4.572
LOCATION PHASE1C7	AREAPOLY	555097.859	4176300.036	4.572
LOCATION PHASE1C8	AREAPOLY	555465.541	4176252.551	4.572
LOCATION BIGGRN	AREAPOLY	555029.810	4176309.841	4.572
LOCATION SHORE	AREAPOLY	555121.109	4176331.718	4.572
LOCATION RPD1	AREAPOLY	554905.075	4176422.558	12.380
LOCATION RPD2	AREAPOLY	554918.029	4176546.199	15.180
LOCATION PILE	AREAPOLY	555036.003	4176394.153	0.000
LOCATION PHASE2C1	AREAPOLY	555388.531	4176143.749	5.791
LOCATION PHASE2C2	AREAPOLY	555433.844	4176203.876	5.182
LOCATION PHASE2C3	AREAPOLY	555354.546	4176254.417	5.182
LOCATION PHASE2C4	AREAPOLY	555316.578	4176272.940	5.182
LOCATION PHASE2C5	AREAPOLY	555322.465	4176279.362	4.572
LOCATION PHASE2C6	AREAPOLY	555398.992	4176311.471	4.572
LOCATION PHASE2C7	AREAPOLY	555359.658	4176270.532	5.182

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** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 8
** 555339.829, 4176031.731, 18.90, 2.00, 6.24
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\*\* 554903.494, 4176341.253, 12.12, 2.00, 6.24  
\*\* 554890.980, 4176370.453, 12.52, 2.00, 6.24  
\*\* 554890.980, 4176412.167, 12.52, 2.00, 6.24  
\*\* 554897.654, 4176446.373, 12.75, 2.00, 6.24  
\*\* 554913.506, 4176649.941, 14.38, 2.00, 6.24  
\*\* 554849.265, 4176789.267, 10.80, 2.00, 6.24  
\*\* 554702.430, 4176896.057, 9.06, 2.00, 6.24  
\*\*

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LOCATION L0001430 VOLUME 555334.360 4176035.610 18.82  
LOCATION L0001431 VOLUME 555323.423 4176043.369 18.65  
LOCATION L0001432 VOLUME 555312.485 4176051.128 18.48  
LOCATION L0001433 VOLUME 555301.548 4176058.887 18.31  
LOCATION L0001434 VOLUME 555290.610 4176066.645 18.14  
LOCATION L0001435 VOLUME 555279.672 4176074.404 17.97  
LOCATION L0001436 VOLUME 555268.735 4176082.163 17.80  
LOCATION L0001437 VOLUME 555257.797 4176089.922 17.63  
LOCATION L0001438 VOLUME 555246.860 4176097.680 17.46  
LOCATION L0001439 VOLUME 555235.922 4176105.439 17.29  
LOCATION L0001440 VOLUME 555224.985 4176113.198 17.12  
LOCATION L0001441 VOLUME 555214.047 4176120.957 16.95  
LOCATION L0001442 VOLUME 555203.110 4176128.715 16.78  
LOCATION L0001443 VOLUME 555192.172 4176136.474 16.61  
LOCATION L0001444 VOLUME 555181.235 4176144.233 16.44  
LOCATION L0001445 VOLUME 555170.297 4176151.992 16.27  
LOCATION L0001446 VOLUME 555159.359 4176159.750 16.10  
LOCATION L0001447 VOLUME 555148.422 4176167.509 15.93  
LOCATION L0001448 VOLUME 555137.484 4176175.268 15.76  
LOCATION L0001449 VOLUME 555126.547 4176183.027 15.59  
LOCATION L0001450 VOLUME 555115.609 4176190.785 15.42  
LOCATION L0001451 VOLUME 555104.672 4176198.544 15.25  
LOCATION L0001452 VOLUME 555093.734 4176206.303 15.08  
LOCATION L0001453 VOLUME 555082.797 4176214.062 14.91  
LOCATION L0001454 VOLUME 555071.859 4176221.820 14.74  
LOCATION L0001455 VOLUME 555060.922 4176229.579 14.57  
LOCATION L0001456 VOLUME 555049.984 4176237.338 14.40  
LOCATION L0001457 VOLUME 555039.046 4176245.096 14.23  
LOCATION L0001458 VOLUME 555028.109 4176252.855 14.06  
LOCATION L0001459 VOLUME 555017.171 4176260.614 13.89  
LOCATION L0001460 VOLUME 555006.234 4176268.373 13.72  
LOCATION L0001461 VOLUME 554995.296 4176276.131 13.55  
LOCATION L0001462 VOLUME 554984.359 4176283.890 13.38  
LOCATION L0001463 VOLUME 554973.421 4176291.649 13.21  
LOCATION L0001464 VOLUME 554962.484 4176299.408 13.04  
LOCATION L0001465 VOLUME 554951.546 4176307.166 12.87  
LOCATION L0001466 VOLUME 554940.608 4176314.925 12.70  
LOCATION L0001467 VOLUME 554929.671 4176322.684 12.53  
LOCATION L0001468 VOLUME 554918.733 4176330.443 12.36  
LOCATION L0001469 VOLUME 554907.796 4176338.201 12.19  
LOCATION L0001470 VOLUME 554900.289 4176348.731 12.22  
LOCATION L0001471 VOLUME 554895.007 4176361.057 12.39  
LOCATION L0001472 VOLUME 554890.980 4176373.640 12.52  
LOCATION L0001473 VOLUME 554890.980 4176387.050 12.52  
LOCATION L0001474 VOLUME 554890.980 4176400.460 12.52  
LOCATION L0001475 VOLUME 554891.306 4176413.839 12.53  
LOCATION L0001476 VOLUME 554893.874 4176427.000 12.62  
LOCATION L0001477 VOLUME 554896.442 4176440.162 12.71  
LOCATION L0001478 VOLUME 554898.204 4176453.434 12.81

LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

\*\* End of LINE VOLUME Source ID = CONST

\*\* Source Parameters \*\*

SRCPARAM	GRADE	8.43E-06	2.000	61	1.400
AREAVERT	GRADE	555042.085	4176328.678	555007.327	4176277.605
AREAVERT	GRADE	555037.829	4176257.034	555055.563	4176281.861
AREAVERT	GRADE	555074.006	4176269.093	555054.144	4176242.846
AREAVERT	GRADE	555092.449	4176216.600	555110.893	4176242.846
AREAVERT	GRADE	555130.045	4176229.369	555112.311	4176203.832
AREAVERT	GRADE	555138.557	4176185.389	555154.163	4176212.344
AREAVERT	GRADE	555185.375	4176190.354	555168.350	4176166.946
AREAVERT	GRADE	555259.147	4176102.394	555276.172	4176129.350
AREAVERT	GRADE	555288.940	4176120.128	555272.625	4176092.464
AREAVERT	GRADE	555285.394	4176084.661	555302.418	4176110.197
AREAVERT	GRADE	555352.073	4176074.020	555335.048	4176049.193
AREAVERT	GRADE	555351.363	4176039.262	555547.145	4176317.329
AREAVERT	GRADE	555526.574	4176332.934	555515.224	4176332.934
AREAVERT	GRADE	555506.712	4176342.156	555490.397	4176357.052

AREAVERT	GRADE	555481.884	4176360.599	555469.116	4176370.530
AREAVERT	GRADE	555456.348	4176386.136	555452.092	4176390.392
AREAVERT	GRADE	555440.033	4176392.520	555403.856	4176428.697
AREAVERT	GRADE	555396.053	4176437.209	555387.540	4176441.466
AREAVERT	GRADE	555364.132	4176479.771	555349.945	4176491.830
AREAVERT	GRADE	555337.176	4176506.726	555318.024	4176514.529
AREAVERT	GRADE	555296.743	4176506.726	555271.916	4176484.027
AREAVERT	GRADE	555264.822	4176473.386	555261.985	4176464.874
AREAVERT	GRADE	555249.216	4176442.175	555226.517	4176423.732
AREAVERT	GRADE	555208.783	4176400.323	555191.049	4176374.786
AREAVERT	GRADE	555181.828	4176367.693	555168.350	4176354.924
AREAVERT	GRADE	555158.419	4176347.121	555144.941	4176340.737
AREAVERT	GRADE	555127.917	4176337.191	555120.114	4176329.388
AREAVERT	GRADE	555114.439	4176329.388	555098.834	4176337.191
AREAVERT	GRADE	555086.065	4176328.678	555078.262	4176335.062
AREAVERT	GRADE	555081.100	4176342.865	555074.006	4176347.831
AREAVERT	GRADE	555052.726	4176320.166		
SRCPARAM	PHASE1C1	0.00015124	2.000	30	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555113.811	4176250.493
AREAVERT	PHASE1C1	555133.896	4176235.916	555130.435	4176228.348
AREAVERT	PHASE1C1	555141.081	4176222.616	555123.661	4176198.157
AREAVERT	PHASE1C1	555135.011	4176189.645	555152.744	4176214.472
AREAVERT	PHASE1C1	555186.084	4176189.645	555198.852	4176208.798
AREAVERT	PHASE1C1	555180.409	4176228.659	555186.111	4176237.453
AREAVERT	PHASE1C1	555180.127	4176244.292	555184.893	4176249.767
AREAVERT	PHASE1C1	555160.948	4176259.925	555152.717	4176248.321
AREAVERT	PHASE1C1	555147.779	4176249.512	555153.454	4176262.708
AREAVERT	PHASE1C1	555133.792	4176267.728	555132.628	4176266.764
AREAVERT	PHASE1C1	555094.523	4176277.886	555094.751	4176280.015
AREAVERT	PHASE1C1	555057.518	4176286.854	555045.150	4176285.034
SRCPARAM	PHASE1C2	0.000680921	2.000	12	1.400
AREAVERT	PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT	PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT	PHASE1C2	555213.328	4176137.084	555214.394	4176138.342
AREAVERT	PHASE1C2	555224.744	4176130.302	555235.233	4176146.455
AREAVERT	PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT	PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM	PHASE1C3	0.00195	2.000	4	1.400
AREAVERT	PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT	PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM	PHASE1C4	0.0002218	2.000	14	1.400
AREAVERT	PHASE1C4	555229.049	4176203.404	555242.181	4176183.279
AREAVERT	PHASE1C4	555258.307	4176191.930	555264.420	4176186.554
AREAVERT	PHASE1C4	555248.350	4176155.764	555227.822	4176124.973
AREAVERT	PHASE1C4	555251.818	4176109.148	555276.297	4176145.271
AREAVERT	PHASE1C4	555304.973	4176200.835	555290.762	4176215.243
AREAVERT	PHASE1C4	555288.478	4176213.351	555282.378	4176220.851
AREAVERT	PHASE1C4	555284.655	4176222.085	555273.784	4176232.333
SRCPARAM	PHASE1C5	0.0001763	2.000	12	1.400
AREAVERT	PHASE1C5	555319.797	4176185.976	555279.074	4176130.166
AREAVERT	PHASE1C5	555304.914	4176111.573	555305.843	4176113.179
AREAVERT	PHASE1C5	555326.772	4176099.287	555326.578	4176095.427
AREAVERT	PHASE1C5	555354.402	4176076.939	555389.225	4176116.433
AREAVERT	PHASE1C5	555368.205	4176137.487	555365.016	4176137.225

AREAVERT PHASE1C5	555339.890	4176164.514	555339.228	4176166.513
SRCPARAM PHASE1C6	0.00130497	2.000	4	1.400
AREAVERT PHASE1C6	555172.354	4176309.620	555171.918	4176276.511
AREAVERT PHASE1C6	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM PHASE1C7	0.00136	2.000	3	1.400
AREAVERT PHASE1C7	555097.859	4176300.036	555158.413	4176281.303
AREAVERT PHASE1C7	555157.978	4176305.699		
SRCPARAM PHASE1C8	0.00174	2.000	4	1.400
AREAVERT PHASE1C8	555465.541	4176252.551	555485.145	4176238.610
AREAVERT PHASE1C8	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM BIGGRN	0.00004222	2.000	37	1.400
AREAVERT BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT BIGGRN	555310.070	4176426.231	555283.832	4176397.478
AREAVERT BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT BIGGRN	555118.162	4176329.858	555096.816	4176337.700
AREAVERT BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT BIGGRN	555041.488	4176328.551		
SRCPARAM SHORE	0.00004573	2.000	34	1.400
AREAVERT SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM RPD1	0.0001082	2.000	24	1.400
AREAVERT RPD1	554905.075	4176422.558	554980.246	4176369.605
AREAVERT RPD1	554962.471	4176345.536	554982.468	4176331.094
AREAVERT RPD1	554963.582	4176307.395	555016.535	4176270.365
AREAVERT RPD1	555052.084	4176320.356	555067.636	4176307.765
AREAVERT RPD1	555090.965	4176337.389	555081.707	4176343.314
AREAVERT RPD1	555090.965	4176350.720	555088.373	4176352.942
AREAVERT RPD1	555091.335	4176355.534	555088.003	4176358.867
AREAVERT RPD1	555070.599	4176347.387	555049.121	4176367.383

AREAVERT	RPD1	555080.226	4176393.675	555077.264	4176396.637
AREAVERT	RPD1	555027.274	4176351.461	555010.980	4176372.197
AREAVERT	RPD1	555012.462	4176379.603	554994.317	4176375.530
AREAVERT	RPD1	554981.357	4176388.861	554906.927	4176439.221
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		
SRCPARAM	PHASE2C1	0.00076988	2.000	6	1.400
AREAVERT	PHASE2C1	555388.531	4176143.749	555402.038	4176131.985
AREAVERT	PHASE2C1	555419.901	4176159.870	555443.865	4176189.062
AREAVERT	PHASE2C1	555429.051	4176200.826	555407.702	4176174.684
SRCPARAM	PHASE2C2	0.001207	2.000	4	1.400
AREAVERT	PHASE2C2	555433.844	4176203.876	555446.044	4176196.033
AREAVERT	PHASE2C2	555475.672	4176243.525	555462.165	4176250.932
SRCPARAM	PHASE2C3	0.0003208	2.000	15	1.400
AREAVERT	PHASE2C3	555354.546	4176254.417	555332.633	4176202.834
AREAVERT	PHASE2C3	555346.815	4176191.596	555347.885	4176193.737
AREAVERT	PHASE2C3	555368.221	4176180.893	555366.348	4176179.287
AREAVERT	PHASE2C3	555384.008	4176170.190	555420.399	4176215.946
AREAVERT	PHASE2C3	555404.611	4176227.451	555381.065	4176240.295
AREAVERT	PHASE2C3	555373.037	4176223.973	555393.908	4176212.467
AREAVERT	PHASE2C3	555380.529	4176195.610	555354.574	4176209.256
AREAVERT	PHASE2C3	555371.699	4176246.717		
SRCPARAM	PHASE2C4	0.00096256	2.000	6	1.400
AREAVERT	PHASE2C4	555316.578	4176272.940	555289.285	4176245.379
AREAVERT	PHASE2C4	555313.100	4176219.959	555327.816	4176232.000
AREAVERT	PHASE2C4	555314.438	4176245.647	555329.690	4176260.631
SRCPARAM	PHASE2C5	0.0008214	2.000	8	1.400
AREAVERT	PHASE2C5	555322.465	4176279.362	555338.252	4176268.391
AREAVERT	PHASE2C5	555355.377	4176294.881	555361.264	4176298.895



AREAVERT	PHASE2C5	555379.727	4176316.823	555366.883	4176330.737
AREAVERT	PHASE2C5	555348.688	4176312.006	555340.660	4176304.782
SRCPARAM	PHASE2C6	0.00092047	2.000	12	1.400
AREAVERT	PHASE2C6	555398.992	4176311.471	555408.625	4176301.571
AREAVERT	PHASE2C6	555417.188	4176297.022	555437.256	4176286.051
AREAVERT	PHASE2C6	555439.664	4176283.910	555461.873	4176268.123
AREAVERT	PHASE2C6	555469.365	4176280.699	555447.424	4176295.951
AREAVERT	PHASE2C6	555444.213	4176298.627	555423.877	4176309.330
AREAVERT	PHASE2C6	555419.328	4176312.809	555408.893	4176321.907
SRCPARAM	PHASE2C7	0.0004603	2.000	12	1.400
AREAVERT	PHASE2C7	555359.658	4176270.532	555389.092	4176301.035
AREAVERT	PHASE2C7	555401.133	4176288.994	555407.287	4176282.305
AREAVERT	PHASE2C7	555427.356	4176268.658	555444.213	4176261.166
AREAVERT	PHASE2C7	555426.553	4176225.578	555409.963	4176233.873
AREAVERT	PHASE2C7	555419.328	4176252.604	555396.584	4176267.588
AREAVERT	PHASE2C7	555388.557	4176272.940	555373.572	4176256.082
** LINE VOLUME Source ID = CONST					
SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001432	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001444	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001445	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001446	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001447	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001449	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001450	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001451	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001452	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001453	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001454	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001455	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001456	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001457	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001458	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001459	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001460	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001461	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001462	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001463	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001464	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001465	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001466	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001467	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001468	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001469	0.0113636364	2.00	6.24	2.30

SRCPARAM	L0001470	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001471	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001472	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001473	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001474	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001475	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001476	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001477	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001478	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001479	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001480	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001481	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001482	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001483	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001484	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001485	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001486	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001487	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001488	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001489	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001490	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001491	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001492	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001493	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001494	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001495	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001496	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001497	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001498	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001499	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001500	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001501	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001502	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001503	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001504	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001505	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001506	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001507	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001508	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001510	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001511	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001512	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001514	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30

\*\*

\*\* Variable Emissions Type: "By Hour / Day (HRDOW)"

\*\* WeekDays:

EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	GRADE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	GRADE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:							
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:							
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Sunday:							
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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** WeekDays:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT PHASE1C8      HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PHASE1C8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT BIGGRN        HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT BIGGRN        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT SHORE         HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT SHORE         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
  EMISFACT RPD1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD1          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT RPD1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT RPD1          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
  EMISFACT RPD1          HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT RPD1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	RPD2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							

EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0



EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0



EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0













EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

```
SRCGROUP GRADE GRADE
SRCGROUP PHASE1C1 PHASE1C1
SRCGROUP PHASE1C2 PHASE1C2
SRCGROUP PHASE1C3 PHASE1C3
SRCGROUP PHASE1C4 PHASE1C4
SRCGROUP PHASE1C5 PHASE1C5
SRCGROUP PHASE1C6 PHASE1C6
SRCGROUP PHASE1C7 PHASE1C7
SRCGROUP PHASE1C8 PHASE1C8
SRCGROUP BIGGRN BIGGRN
SRCGROUP SHORE SHORE
SRCGROUP RPD1 RPD1
SRCGROUP RPD2 RPD2
SRCGROUP PILE PILE
SRCGROUP PHASE2C1 PHASE2C1
SRCGROUP PHASE2C2 PHASE2C2
SRCGROUP PHASE2C3 PHASE2C3
SRCGROUP PHASE2C4 PHASE2C4
SRCGROUP PHASE2C5 PHASE2C5
SRCGROUP PHASE2C6 PHASE2C6
SRCGROUP PHASE2C7 PHASE2C7
SRCGROUP CONST L0001430 L0001431 L0001432 L0001433 L0001434 L0001435
SRCGROUP CONST L0001436 L0001437 L0001438 L0001439 L0001440 L0001441
SRCGROUP CONST L0001442 L0001443 L0001444 L0001445 L0001446 L0001447
SRCGROUP CONST L0001448 L0001449 L0001450 L0001451 L0001452 L0001453
SRCGROUP CONST L0001454 L0001455 L0001456 L0001457 L0001458 L0001459
SRCGROUP CONST L0001460 L0001461 L0001462 L0001463 L0001464 L0001465
SRCGROUP CONST L0001466 L0001467 L0001468 L0001469 L0001470 L0001471
SRCGROUP CONST L0001472 L0001473 L0001474 L0001475 L0001476 L0001477
SRCGROUP CONST L0001478 L0001479 L0001480 L0001481 L0001482 L0001483
SRCGROUP CONST L0001484 L0001485 L0001486 L0001487 L0001488 L0001489
SRCGROUP CONST L0001490 L0001491 L0001492 L0001493 L0001494 L0001495
SRCGROUP CONST L0001496 L0001497 L0001498 L0001499 L0001500 L0001501
SRCGROUP CONST L0001502 L0001503 L0001504 L0001505 L0001506 L0001507
SRCGROUP CONST L0001508 L0001509 L0001510 L0001511 L0001512 L0001513
SRCGROUP CONST L0001514 L0001515 L0001516 L0001517
```

SO FINISHED

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\*\*\*\*\*

\*\* AERMOD Receptor Pathway  
\*\*\*\*\*

\*\*  
\*\*

RE STARTING  
INCLUDED PreCon.ROU

RE FINISHED

\*\*  
\*\*\*\*\*

\*\* AERMOD Meteorology Pathway  
\*\*\*\*\*

\*\*  
\*\*

ME STARTING  
SURFFILE mission\_bay\_2008.SFC  
PROFFILE mission\_bay\_2008.PFL

```
SURFDATA 23234 2008
UAIRDATA 23230 2008
PROFBASE 2.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
OU RECTABLE ALLAVE 1
PLOTFILE 1 GRADE 1ST Plots\GRADE_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C1 1ST Plots\PHASE1C1_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8_1hr_2018-2020EV.PLT
PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN_1hr_2018-2020EV.PLT
PLOTFILE 1 SHORE 1ST Plots\SHORE_1hr_2018-2020EV.PLT
PLOTFILE 1 RPD1 1ST Plots\RPD1_1hr_2018-2020EV.PLT
PLOTFILE 1 RPD2 1ST Plots\RPD2_1hr_2018-2020EV.PLT
PLOTFILE 1 PILE 1ST Plots\PILE_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6_1hr_2018-2020EV.PLT
PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7_1hr_2018-2020EV.PLT
PLOTFILE 1 CONST 1ST Plots\CONST_1hr_2018-2020EV.PLT
PLOTFILE PERIOD GRADE Plots\GRADE_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C1 Plots\PHASE1C1_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C3 Plots\PHASE1C3_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8_Ann_2018-2020EV.PLT
PLOTFILE PERIOD BIGGRN Plots\BIGGRN_Ann_2018-2020EV.PLT
PLOTFILE PERIOD SHORE Plots\SHORE_Ann_2018-2020EV.PLT
PLOTFILE PERIOD RPD1 Plots\RPD1_Ann_2018-2020EV.PLT
PLOTFILE PERIOD RPD2 Plots\RPD2_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PILE Plots\PILE_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C2 Plots\PHASE2C2_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C4 Plots\PHASE2C4_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C5 Plots\PHASE2C5_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C6 Plots\PHASE2C6_Ann_2018-2020EV.PLT
PLOTFILE PERIOD PHASE2C7 Plots\PHASE2C7_Ann_2018-2020EV.PLT
PLOTFILE PERIOD CONST Plots\CONST_Ann_2018-2020EV.PLT
OU FINISHED
```

```
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     10
** ZONEINX  0
**
```

```
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE 2021-2022 Existing Receptors - Maximum Commerical Variant Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
```

```
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
```

```
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
```

Source ID	Type	X Coord.	Y Coord.	Distance
LOCATION PHASE1C1	AREAPOLY	555026.479	4176281.861	6.096
LOCATION PHASE1C2	AREAPOLY	555222.916	4176198.157	7.620
LOCATION PHASE1C3	AREAPOLY	555289.282	4176118.664	12.192
LOCATION PHASE1C4	AREAPOLY	555229.049	4176203.404	5.182
LOCATION PHASE1C5	AREAPOLY	555319.797	4176185.976	6.096
LOCATION PHASE1C6	AREAPOLY	555172.354	4176309.620	4.572
LOCATION PHASE1C7	AREAPOLY	555097.859	4176300.036	4.572
LOCATION PHASE1C8	AREAPOLY	555465.541	4176252.551	4.572
LOCATION BIGGRN	AREAPOLY	555029.810	4176309.841	4.572
LOCATION SHORE	AREAPOLY	555121.109	4176331.718	4.572
LOCATION RPD2	AREAPOLY	554918.029	4176546.199	15.180
LOCATION PILE	AREAPOLY	555036.003	4176394.153	0.000
LOCATION PHASE2C1	AREAPOLY	555388.531	4176143.749	5.791
LOCATION PHASE2C2	AREAPOLY	555433.844	4176203.876	5.182
LOCATION PHASE2C3	AREAPOLY	555354.546	4176254.417	5.182
LOCATION PHASE2C4	AREAPOLY	555316.578	4176272.940	5.182
LOCATION PHASE2C5	AREAPOLY	555322.465	4176279.362	4.572
LOCATION PHASE2C6	AREAPOLY	555398.992	4176311.471	4.572
LOCATION PHASE2C7	AREAPOLY	555359.658	4176270.532	5.182
LOCATION BEACH	AREAPOLY	555456.986	4176385.345	4.572
LOCATION EMGEN1	POINT	555132.289	4176268.496	4.572
LOCATION EMGEN2	POINT	555244.723	4176214.288	5.182
LOCATION EMGEN3	POINT	555244.697	4176254.889	4.572
LOCATION EMGEN5	POINT	555130.892	4176268.960	4.572
LOCATION EMGEN6	POINT	555246.510	4176214.828	5.182
LOCATION EMGEN7	POINT	555246.148	4176255.337	4.572

```
**
-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CONST
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
```

\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 8  
\*\* 555339.829, 4176031.731, 18.90, 2.00, 6.24  
\*\* 554903.494, 4176341.253, 12.12, 2.00, 6.24  
\*\* 554890.980, 4176370.453, 12.52, 2.00, 6.24  
\*\* 554890.980, 4176412.167, 12.52, 2.00, 6.24  
\*\* 554897.654, 4176446.373, 12.75, 2.00, 6.24  
\*\* 554913.506, 4176649.941, 14.38, 2.00, 6.24  
\*\* 554849.265, 4176789.267, 10.80, 2.00, 6.24  
\*\* 554702.430, 4176896.057, 9.06, 2.00, 6.24

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LOCATION	L0001430	VOLUME	555334.360	4176035.610	18.82
LOCATION	L0001431	VOLUME	555323.423	4176043.369	18.65
LOCATION	L0001432	VOLUME	555312.485	4176051.128	18.48
LOCATION	L0001433	VOLUME	555301.548	4176058.887	18.31
LOCATION	L0001434	VOLUME	555290.610	4176066.645	18.14
LOCATION	L0001435	VOLUME	555279.672	4176074.404	17.97
LOCATION	L0001436	VOLUME	555268.735	4176082.163	17.80
LOCATION	L0001437	VOLUME	555257.797	4176089.922	17.63
LOCATION	L0001438	VOLUME	555246.860	4176097.680	17.46
LOCATION	L0001439	VOLUME	555235.922	4176105.439	17.29
LOCATION	L0001440	VOLUME	555224.985	4176113.198	17.12
LOCATION	L0001441	VOLUME	555214.047	4176120.957	16.95
LOCATION	L0001442	VOLUME	555203.110	4176128.715	16.78
LOCATION	L0001443	VOLUME	555192.172	4176136.474	16.61
LOCATION	L0001444	VOLUME	555181.235	4176144.233	16.44
LOCATION	L0001445	VOLUME	555170.297	4176151.992	16.27
LOCATION	L0001446	VOLUME	555159.359	4176159.750	16.10
LOCATION	L0001447	VOLUME	555148.422	4176167.509	15.93
LOCATION	L0001448	VOLUME	555137.484	4176175.268	15.76
LOCATION	L0001449	VOLUME	555126.547	4176183.027	15.59
LOCATION	L0001450	VOLUME	555115.609	4176190.785	15.42
LOCATION	L0001451	VOLUME	555104.672	4176198.544	15.25
LOCATION	L0001452	VOLUME	555093.734	4176206.303	15.08
LOCATION	L0001453	VOLUME	555082.797	4176214.062	14.91
LOCATION	L0001454	VOLUME	555071.859	4176221.820	14.74
LOCATION	L0001455	VOLUME	555060.922	4176229.579	14.57
LOCATION	L0001456	VOLUME	555049.984	4176237.338	14.40
LOCATION	L0001457	VOLUME	555039.046	4176245.096	14.23
LOCATION	L0001458	VOLUME	555028.109	4176252.855	14.06
LOCATION	L0001459	VOLUME	555017.171	4176260.614	13.89
LOCATION	L0001460	VOLUME	555006.234	4176268.373	13.72
LOCATION	L0001461	VOLUME	554995.296	4176276.131	13.55
LOCATION	L0001462	VOLUME	554984.359	4176283.890	13.38
LOCATION	L0001463	VOLUME	554973.421	4176291.649	13.21
LOCATION	L0001464	VOLUME	554962.484	4176299.408	13.04
LOCATION	L0001465	VOLUME	554951.546	4176307.166	12.87
LOCATION	L0001466	VOLUME	554940.608	4176314.925	12.70
LOCATION	L0001467	VOLUME	554929.671	4176322.684	12.53
LOCATION	L0001468	VOLUME	554918.733	4176330.443	12.36
LOCATION	L0001469	VOLUME	554907.796	4176338.201	12.19
LOCATION	L0001470	VOLUME	554900.289	4176348.731	12.22
LOCATION	L0001471	VOLUME	554895.007	4176361.057	12.39
LOCATION	L0001472	VOLUME	554890.980	4176373.640	12.52
LOCATION	L0001473	VOLUME	554890.980	4176387.050	12.52

LOCATION	L0001474	VOLUME	554890.980	4176400.460	12.52
LOCATION	L0001475	VOLUME	554891.306	4176413.839	12.53
LOCATION	L0001476	VOLUME	554893.874	4176427.000	12.62
LOCATION	L0001477	VOLUME	554896.442	4176440.162	12.71
LOCATION	L0001478	VOLUME	554898.204	4176453.434	12.81
LOCATION	L0001479	VOLUME	554899.245	4176466.803	12.91
LOCATION	L0001480	VOLUME	554900.286	4176480.173	13.02
LOCATION	L0001481	VOLUME	554901.327	4176493.542	13.13
LOCATION	L0001482	VOLUME	554902.368	4176506.912	13.23
LOCATION	L0001483	VOLUME	554903.409	4176520.281	13.34
LOCATION	L0001484	VOLUME	554904.450	4176533.651	13.45
LOCATION	L0001485	VOLUME	554905.492	4176547.021	13.56
LOCATION	L0001486	VOLUME	554906.533	4176560.390	13.66
LOCATION	L0001487	VOLUME	554907.574	4176573.760	13.77
LOCATION	L0001488	VOLUME	554908.615	4176587.129	13.88
LOCATION	L0001489	VOLUME	554909.656	4176600.499	13.98
LOCATION	L0001490	VOLUME	554910.697	4176613.868	14.09
LOCATION	L0001491	VOLUME	554911.738	4176627.238	14.20
LOCATION	L0001492	VOLUME	554912.779	4176640.607	14.31
LOCATION	L0001493	VOLUME	554911.811	4176653.617	14.29
LOCATION	L0001494	VOLUME	554906.196	4176665.795	13.97
LOCATION	L0001495	VOLUME	554900.581	4176677.973	13.66
LOCATION	L0001496	VOLUME	554894.966	4176690.151	13.35
LOCATION	L0001497	VOLUME	554889.351	4176702.328	13.03
LOCATION	L0001498	VOLUME	554883.736	4176714.506	12.72
LOCATION	L0001499	VOLUME	554878.121	4176726.684	12.41
LOCATION	L0001500	VOLUME	554872.506	4176738.862	12.10
LOCATION	L0001501	VOLUME	554866.891	4176751.040	11.78
LOCATION	L0001502	VOLUME	554861.276	4176763.218	11.47
LOCATION	L0001503	VOLUME	554855.661	4176775.395	11.16
LOCATION	L0001504	VOLUME	554850.046	4176787.573	10.84
LOCATION	L0001505	VOLUME	554839.928	4176796.057	10.69
LOCATION	L0001506	VOLUME	554829.083	4176803.945	10.56
LOCATION	L0001507	VOLUME	554818.238	4176811.832	10.43
LOCATION	L0001508	VOLUME	554807.393	4176819.720	10.30
LOCATION	L0001509	VOLUME	554796.548	4176827.607	10.18
LOCATION	L0001510	VOLUME	554785.703	4176835.495	10.05
LOCATION	L0001511	VOLUME	554774.858	4176843.382	9.92
LOCATION	L0001512	VOLUME	554764.012	4176851.269	9.79
LOCATION	L0001513	VOLUME	554753.167	4176859.157	9.66
LOCATION	L0001514	VOLUME	554742.322	4176867.044	9.53
LOCATION	L0001515	VOLUME	554731.477	4176874.932	9.40
LOCATION	L0001516	VOLUME	554720.632	4176882.819	9.28
LOCATION	L0001517	VOLUME	554709.787	4176890.707	9.15

\*\* End of LINE VOLUME Source ID = CONST

\*\* Source Parameters \*\*

SRCPARAM	PHASE1C1	0.00015124	2.000	30	1.400
AREAVERT	PHASE1C1	555026.479	4176281.861	555018.677	4176270.511
AREAVERT	PHASE1C1	555037.829	4176257.034	555054.854	4176282.570
AREAVERT	PHASE1C1	555074.861	4176269.520	555058.346	4176243.383
AREAVERT	PHASE1C1	555093.159	4176218.728	555113.811	4176250.493
AREAVERT	PHASE1C1	555133.896	4176235.916	555130.435	4176228.348
AREAVERT	PHASE1C1	555141.081	4176222.616	555123.661	4176198.157
AREAVERT	PHASE1C1	555135.011	4176189.645	555152.744	4176214.472
AREAVERT	PHASE1C1	555186.084	4176189.645	555198.852	4176208.798
AREAVERT	PHASE1C1	555180.409	4176228.659	555186.111	4176237.453



AREAVERT PHASE1C1	555180.127	4176244.292	555184.893	4176249.767
AREAVERT PHASE1C1	555160.948	4176259.925	555152.717	4176248.321
AREAVERT PHASE1C1	555147.779	4176249.512	555153.454	4176262.708
AREAVERT PHASE1C1	555133.792	4176267.728	555132.628	4176266.764
AREAVERT PHASE1C1	555094.523	4176277.886	555094.751	4176280.015
AREAVERT PHASE1C1	555057.518	4176286.854	555045.150	4176285.034
SRCPARAM PHASE1C2	0.000680921	2.000	12	1.400
AREAVERT PHASE1C2	555222.916	4176198.157	555191.049	4176151.340
AREAVERT PHASE1C2	555208.329	4176145.465	555205.237	4176141.409
AREAVERT PHASE1C2	555213.328	4176137.084	555214.394	4176138.342
AREAVERT PHASE1C2	555224.744	4176130.302	555235.233	4176146.455
AREAVERT PHASE1C2	555224.699	4176152.775	555232.430	4176164.373
AREAVERT PHASE1C2	555224.699	4176168.921	555235.387	4176184.612
SRCPARAM PHASE1C3	0.00195	2.000	4	1.400
AREAVERT PHASE1C3	555289.282	4176118.664	555271.089	4176092.285
AREAVERT PHASE1C3	555284.734	4176083.871	555302.926	4176109.795
SRCPARAM PHASE1C4	0.0002218	2.000	14	1.400
AREAVERT PHASE1C4	555229.049	4176203.404	555242.181	4176183.279
AREAVERT PHASE1C4	555258.307	4176191.930	555264.420	4176186.554
AREAVERT PHASE1C4	555248.350	4176155.764	555227.822	4176124.973
AREAVERT PHASE1C4	555251.818	4176109.148	555276.297	4176145.271
AREAVERT PHASE1C4	555304.973	4176200.835	555290.762	4176215.243
AREAVERT PHASE1C4	555288.478	4176213.351	555282.378	4176220.851
AREAVERT PHASE1C4	555284.655	4176222.085	555273.784	4176232.333
SRCPARAM PHASE1C5	0.0001763	2.000	12	1.400
AREAVERT PHASE1C5	555319.797	4176185.976	555279.074	4176130.166
AREAVERT PHASE1C5	555304.914	4176111.573	555305.843	4176113.179
AREAVERT PHASE1C5	555326.772	4176099.287	555326.578	4176095.427
AREAVERT PHASE1C5	555354.402	4176076.939	555389.225	4176116.433
AREAVERT PHASE1C5	555368.205	4176137.487	555365.016	4176137.225
AREAVERT PHASE1C5	555339.890	4176164.514	555339.228	4176166.513
SRCPARAM PHASE1C6	0.00130497	2.000	4	1.400
AREAVERT PHASE1C6	555172.354	4176309.620	555171.918	4176276.511
AREAVERT PHASE1C6	555190.651	4176270.412	555191.086	4176319.204
SRCPARAM PHASE1C7	0.00136	2.000	3	1.400
AREAVERT PHASE1C7	555097.859	4176300.036	555158.413	4176281.303
AREAVERT PHASE1C7	555157.978	4176305.699		
SRCPARAM PHASE1C8	0.00174	2.000	4	1.400
AREAVERT PHASE1C8	555465.541	4176252.551	555485.145	4176238.610
AREAVERT PHASE1C8	555499.086	4176258.650	555478.610	4176271.719
SRCPARAM BIGGRN	0.00004222	2.000	37	1.400
AREAVERT BIGGRN	555029.810	4176309.841	555034.775	4176307.712
AREAVERT BIGGRN	555056.766	4176311.264	555078.757	4176306.693
AREAVERT BIGGRN	555095.227	4176299.684	555156.375	4176304.494
AREAVERT BIGGRN	555180.498	4176313.561	555190.688	4176317.728
AREAVERT BIGGRN	555190.871	4176268.922	555220.481	4176229.149
AREAVERT BIGGRN	555269.729	4176261.528	555284.861	4176248.543
AREAVERT BIGGRN	555302.600	4176258.155	555325.892	4176296.823
AREAVERT BIGGRN	555352.037	4176321.809	555368.667	4176338.301
AREAVERT BIGGRN	555414.595	4176354.559	555388.540	4176371.676
AREAVERT BIGGRN	555310.070	4176426.231	555283.832	4176397.478
AREAVERT BIGGRN	555250.933	4176389.866	555224.117	4176346.599
AREAVERT BIGGRN	555183.703	4176317.662	555156.791	4176308.220
AREAVERT BIGGRN	555136.196	4176304.148	555094.898	4176303.969
AREAVERT BIGGRN	555100.065	4176311.148	555111.259	4176316.378
AREAVERT BIGGRN	555120.407	4176311.309	555130.908	4176328.864
AREAVERT BIGGRN	555118.162	4176329.858	555096.816	4176337.700

AREAVERT	BIGGRN	555073.703	4176314.637	555065.264	4176320.737
AREAVERT	BIGGRN	555066.633	4176329.550	555053.251	4176320.710
AREAVERT	BIGGRN	555041.488	4176328.551		
SRCPARAM	SHORE	0.00004573	2.000	34	1.400
AREAVERT	SHORE	555121.109	4176331.718	555131.497	4176329.200
AREAVERT	SHORE	555120.795	4176311.258	555111.666	4176315.979
AREAVERT	SHORE	555100.019	4176310.943	555095.298	4176304.332
AREAVERT	SHORE	555139.051	4176304.962	555181.231	4176316.923
AREAVERT	SHORE	555223.726	4176346.512	555250.797	4176390.266
AREAVERT	SHORE	555282.589	4176396.876	555309.345	4176427.095
AREAVERT	SHORE	555414.165	4176355.326	555448.161	4176368.232
AREAVERT	SHORE	555457.919	4176384.915	555450.364	4176391.525
AREAVERT	SHORE	555439.977	4176392.784	555396.223	4176437.797
AREAVERT	SHORE	555386.780	4176442.519	555364.116	4176479.662
AREAVERT	SHORE	555349.321	4176492.568	555338.619	4176505.789
AREAVERT	SHORE	555318.473	4176514.287	555275.664	4176487.217
AREAVERT	SHORE	555260.869	4176467.071	555248.593	4176442.204
AREAVERT	SHORE	555225.300	4176423.317	555204.210	4176394.043
AREAVERT	SHORE	555190.045	4176373.583	555181.546	4176368.232
AREAVERT	SHORE	555166.122	4176353.437	555151.957	4176344.624
AREAVERT	SHORE	555139.051	4176340.217	555128.979	4176338.013
SRCPARAM	RPD2	0.000033686	2.000	35	1.400
AREAVERT	RPD2	554918.029	4176546.199	554906.753	4176440.612
AREAVERT	RPD2	554981.586	4176389.356	554993.375	4176376.542
AREAVERT	RPD2	555012.339	4176378.080	555011.314	4176372.442
AREAVERT	RPD2	555012.339	4176369.879	555015.927	4176368.854
AREAVERT	RPD2	555025.153	4176383.206	555025.153	4176389.356
AREAVERT	RPD2	555023.616	4176392.944	555039.505	4176411.909
AREAVERT	RPD2	555047.706	4176416.009	555054.882	4176433.436
AREAVERT	RPD2	555058.470	4176449.326	555067.696	4176465.215
AREAVERT	RPD2	555076.922	4176479.054	555075.897	4176499.044
AREAVERT	RPD2	555079.484	4176506.732	555079.997	4176524.159
AREAVERT	RPD2	555053.656	4176549.977	555070.381	4176567.642
AREAVERT	RPD2	555077.770	4176587.571	555066.158	4176604.118
AREAVERT	RPD2	555063.595	4176622.570	555054.882	4176633.334
AREAVERT	RPD2	555032.329	4176641.535	555015.415	4176631.283
AREAVERT	RPD2	555006.701	4176620.007	554994.912	4176608.218
AREAVERT	RPD2	554986.199	4176604.118	554961.084	4176568.239
AREAVERT	RPD2	554957.496	4176547.224	554941.094	4176532.872
AREAVERT	RPD2	554933.918	4176533.898		
SRCPARAM	PILE	0.000031517	2.000	19	1.400
AREAVERT	PILE	555036.003	4176394.153	555071.892	4176358.264
AREAVERT	PILE	555109.450	4176342.406	555136.159	4176344.075
AREAVERT	PILE	555158.694	4176367.445	555172.048	4176399.996
AREAVERT	PILE	555143.670	4176463.428	555163.702	4176542.718
AREAVERT	PILE	555202.929	4176646.212	555161.198	4176702.133
AREAVERT	PILE	555067.719	4176629.520	555086.915	4176589.457
AREAVERT	PILE	555078.569	4176571.930	555061.423	4176547.953
AREAVERT	PILE	555077.734	4176536.875	555085.246	4176496.813
AREAVERT	PILE	555081.908	4176481.790	555064.380	4176442.562
AREAVERT	PILE	555052.695	4176411.680		
SRCPARAM	PHASE2C1	0.00076988	2.000	6	1.400
AREAVERT	PHASE2C1	555388.531	4176143.749	555402.038	4176131.985
AREAVERT	PHASE2C1	555419.901	4176159.870	555443.865	4176189.062
AREAVERT	PHASE2C1	555429.051	4176200.826	555407.702	4176174.684
SRCPARAM	PHASE2C2	0.001207	2.000	4	1.400
AREAVERT	PHASE2C2	555433.844	4176203.876	555446.044	4176196.033

AREAVERT	PHASE2C2	555475.672	4176243.525	555462.165	4176250.932	
SRCPARAM	PHASE2C3	0.0003208	2.000	15	1.400	
AREAVERT	PHASE2C3	555354.546	4176254.417	555332.633	4176202.834	
AREAVERT	PHASE2C3	555346.815	4176191.596	555347.885	4176193.737	
AREAVERT	PHASE2C3	555368.221	4176180.893	555366.348	4176179.287	
AREAVERT	PHASE2C3	555384.008	4176170.190	555420.399	4176215.946	
AREAVERT	PHASE2C3	555404.611	4176227.451	555381.065	4176240.295	
AREAVERT	PHASE2C3	555373.037	4176223.973	555393.908	4176212.467	
AREAVERT	PHASE2C3	555380.529	4176195.610	555354.574	4176209.256	
AREAVERT	PHASE2C3	555371.699	4176246.717			
SRCPARAM	PHASE2C4	0.00096256	2.000	6	1.400	
AREAVERT	PHASE2C4	555316.578	4176272.940	555289.285	4176245.379	
AREAVERT	PHASE2C4	555313.100	4176219.959	555327.816	4176232.000	
AREAVERT	PHASE2C4	555314.438	4176245.647	555329.690	4176260.631	
SRCPARAM	PHASE2C5	0.0008214	2.000	8	1.400	
AREAVERT	PHASE2C5	555322.465	4176279.362	555338.252	4176268.391	
AREAVERT	PHASE2C5	555355.377	4176294.881	555361.264	4176298.895	
AREAVERT	PHASE2C5	555379.727	4176316.823	555366.883	4176330.737	
AREAVERT	PHASE2C5	555348.688	4176312.006	555340.660	4176304.782	
SRCPARAM	PHASE2C6	0.00092047	2.000	12	1.400	
AREAVERT	PHASE2C6	555398.992	4176311.471	555408.625	4176301.571	
AREAVERT	PHASE2C6	555417.188	4176297.022	555437.256	4176286.051	
AREAVERT	PHASE2C6	555439.664	4176283.910	555461.873	4176268.123	
AREAVERT	PHASE2C6	555469.365	4176280.699	555447.424	4176295.951	
AREAVERT	PHASE2C6	555444.213	4176298.627	555423.877	4176309.330	
AREAVERT	PHASE2C6	555419.328	4176312.809	555408.893	4176321.907	
SRCPARAM	PHASE2C7	0.0004603	2.000	12	1.400	
AREAVERT	PHASE2C7	555359.658	4176270.532	555389.092	4176301.035	
AREAVERT	PHASE2C7	555401.133	4176288.994	555407.287	4176282.305	
AREAVERT	PHASE2C7	555427.356	4176268.658	555444.213	4176261.166	
AREAVERT	PHASE2C7	555426.553	4176225.578	555409.963	4176233.873	
AREAVERT	PHASE2C7	555419.328	4176252.604	555396.584	4176267.588	
AREAVERT	PHASE2C7	555388.557	4176272.940	555373.572	4176256.082	
SRCPARAM	BEACH	0.00019266	2.000	17	1.400	
AREAVERT	BEACH	555456.986	4176385.345	555447.940	4176369.666	
AREAVERT	BEACH	555449.749	4176366.048	555432.864	4176355.193	
AREAVERT	BEACH	555422.009	4176344.338	555431.055	4176326.850	
AREAVERT	BEACH	555456.986	4176306.346	555493.169	4176309.965	
AREAVERT	BEACH	555517.894	4176303.934	555531.764	4176294.285	
AREAVERT	BEACH	555548.046	4176317.201	555527.542	4176332.277	
AREAVERT	BEACH	555514.878	4176334.689	555501.008	4176349.765	
AREAVERT	BEACH	555487.138	4176358.811	555470.253	4176367.857	
AREAVERT	BEACH	555459.398	4176381.124			
SRCPARAM	EMGEN1	1.0	22.641	739.817	45.30000	0.183
SRCPARAM	EMGEN2	1.0	23.860	739.817	45.30000	0.183
SRCPARAM	EMGEN3	1.0	5.572	739.817	45.30000	0.183
SRCPARAM	EMGEN5	1.0	22.641	739.817	45.30000	0.183
SRCPARAM	EMGEN6	1.0	23.860	739.817	45.30000	0.183
SRCPARAM	EMGEN7	1.0	5.572	739.817	45.30000	0.183
**	LINE VOLUME Source ID = CONST					
SRCPARAM	L0001430	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001431	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001432	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001433	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001434	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001435	0.0113636364	2.00	6.24	2.30	
SRCPARAM	L0001436	0.0113636364	2.00	6.24	2.30	

SRCPARAM	L0001437	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001438	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001439	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001440	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001441	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001442	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001443	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001448	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001470	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001473	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001474	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001476	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001480	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001482	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001483	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001484	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001486	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001494	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001509	0.0113636364	2.00	6.24	2.30
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SRCPARAM	L0001512	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001513	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001514	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001515	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001516	0.0113636364	2.00	6.24	2.30
SRCPARAM	L0001517	0.0113636364	2.00	6.24	2.30

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\*\* Building Downwash \*\*

BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN3	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67

BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	21.64	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	123.48	124.12	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN3	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	123.48	124.12	120.98	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN7	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.67	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61

BUILDLEN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	54.10	69.02	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN3	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	37.32	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN7	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	121.85	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
XBADJ	EMGEN1	-47.54	-51.45	-53.79	-22.12	-13.00	-6.06
XBADJ	EMGEN1	1.06	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	-5.05	1.09	2.02	-75.82	-76.85	-75.55
XBADJ	EMGEN1	-71.96	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-72.53	-93.15	-97.43	-98.75	-97.06	-92.43
XBADJ	EMGEN2	-87.96	-1.41	-0.95	-6.88	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-51.59	53.24	58.63	61.71	62.92	62.22
XBADJ	EMGEN2	58.16	-56.93	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-15.23	5.19
XBADJ	EMGEN3	21.51	29.70	34.22	31.28	27.38	76.63
XBADJ	EMGEN3	17.25	11.31	5.03	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-75.23	-79.55

XBADJ	EMGEN3	-85.09	-88.04	-88.32	-100.29	-110.89	-118.12
XBADJ	EMGEN5	-47.75	-51.40	-53.49	-21.57	-12.22	-5.08
XBADJ	EMGEN5	2.22	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	-4.84	1.05	1.72	-76.37	-77.63	-76.54
XBADJ	EMGEN5	-73.12	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-74.39	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-2.15	-1.38	-6.99	-12.38	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-49.72	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-56.19	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-87.54	4.16
XBADJ	EMGEN7	20.69	29.11	33.88	31.20	27.58	77.08
XBADJ	EMGEN7	17.94	12.23	6.14	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-208.19	-78.52
XBADJ	EMGEN7	-84.27	-87.46	-87.99	-100.22	-111.08	-118.57
YBADJ	EMGEN1	36.12	32.94	28.76	-33.87	-30.37	-25.95
YBADJ	EMGEN1	-19.22	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	-36.12	-32.94	-28.76	33.87	30.37	25.95
YBADJ	EMGEN1	19.22	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-27.63	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-22.67	-16.82	-10.47	-42.39	-33.02
YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	27.63	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	22.67	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-66.50	-61.48
YBADJ	EMGEN3	-56.53	-48.75	-37.11	-24.34	-10.82	-33.00
YBADJ	EMGEN3	16.76	30.00	42.37	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	66.50	61.48
YBADJ	EMGEN3	56.53	48.75	37.11	24.34	10.82	33.00
YBADJ	EMGEN5	34.66	31.47	27.32	-35.24	-31.62	-27.04
YBADJ	EMGEN5	-20.14	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	-34.66	-31.47	-27.32	35.24	31.62	27.04
YBADJ	EMGEN5	20.14	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94
YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-27.52	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-24.39	-18.64	-12.33	-5.65	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	27.52	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	24.39	21.43	0.49	-20.48	34.81



YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-62.60
YBADJ	EMGEN7	-57.80	-50.15	-38.59	-25.85	-12.33	-34.45
YBADJ	EMGEN7	15.41	28.79	41.34	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	44.50	62.60
YBADJ	EMGEN7	57.80	50.15	38.59	25.85	12.33	34.45

\*\* Variable Emissions Type: "By Hour / Day (HRDOW)"

\*\* WeekDays:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Sunday:

EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

\*\* WeekDays:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Sunday:

EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

\*\* WeekDays:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Saturday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE1C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

\*\* Sunday:

EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

\*\* WeekDays:

EMISFACT	PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

	EMISFACT PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
	EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
	EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
	EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
	EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
	EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
	EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
	EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
	EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
	EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
	EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
	EMISFACT PHASE1C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
	EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT PHASE1C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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** WeekDays:
EMISFACT PHASE1C8 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT PHASE1C8 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT PHASE1C8 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT PHASE1C8 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PHASE1C8 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT BIGGRN HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT BIGGRN HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT BIGGRN HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT BIGGRN HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT BIGGRN HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT SHORE HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT SHORE HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT RPD2 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT RPD2 HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT RPD2 HRDOW 1.0 1.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT RPD2 HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

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EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	RPD2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PILE	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PILE	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C1	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C2	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C2	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C3	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	PHASE2C3	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C3	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C4	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C4	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C5	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C5	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C6	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							

EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PHASE2C7	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PHASE2C7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Saturday:							
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	BEACH	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	BEACH	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:							
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0



EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001430	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001431	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001432	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001433	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001433	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001434	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001434	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001435	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

EMISFACT	L0001435	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001435	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001436	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001436	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001437	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001437	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001438	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001438	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001439	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001439	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001440	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001440	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001441	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001441	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001442	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001442	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001443	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001443	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001444	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001444	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001445	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001445	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001446	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001446	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001447	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001447	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001448	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001448	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001449	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001449	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001449	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001450	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001450	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001451	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001451	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001452	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001452	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001453	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001453	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001454	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001454	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001455	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001455	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001456	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001456	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001457	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001457	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001458	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001458	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001459	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001459	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001460	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001460	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001461	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001461	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001462	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001462	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001463	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001463	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001463	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001464	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001464	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001465	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001465	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001466	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001466	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001467	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001467	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001468	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001468	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001469	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001469	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001470	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001470	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001471	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001471	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001472	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001472	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001473	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001473	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001474	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001474	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001475	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001475	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001476	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001476	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001477	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001477	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0

EMISFACT	L0001478	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001478	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001478	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001479	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001479	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001480	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001480	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001481	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001481	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001482	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001482	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001483	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001483	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001484	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001484	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001485	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001485	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001486	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001486	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001487	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001487	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001488	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001488	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001489	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001489	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001490	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001490	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001491	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001491	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001492	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0



EMISFACT	L0001492	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001492	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001493	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001493	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001494	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001494	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001495	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001495	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001496	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001496	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001497	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001497	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001498	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001498	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001499	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001499	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001500	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001500	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001501	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001501	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001502	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001502	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001503	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001503	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001504	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001505	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0

EMISFACT	L0001506	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001506	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001507	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001508	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001509	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001510	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001511	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001512	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001513	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001514	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001515	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001516	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	L0001517	HRDOW	1.0	1.0	0.0	0.0	0.0	0.0
**	Sunday:							
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001430	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001431	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001432	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0











EMISFACT	L0001503	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001504	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001505	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001506	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001507	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001508	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001509	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001510	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001511	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001512	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001513	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001514	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001515	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001516	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0001517	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0



SRCGROUP PHASE1C1 PHASE1C1  
SRCGROUP PHASE1C2 PHASE1C2  
SRCGROUP PHASE1C3 PHASE1C3  
SRCGROUP PHASE1C4 PHASE1C4  
SRCGROUP PHASE1C5 PHASE1C5  
SRCGROUP PHASE1C6 PHASE1C6  
SRCGROUP PHASE1C7 PHASE1C7  
SRCGROUP PHASE1C8 PHASE1C8  
SRCGROUP BIGGRN BIGGRN  
SRCGROUP SHORE SHORE  
SRCGROUP RPD2 RPD2  
SRCGROUP PILE PILE  
SRCGROUP PHASE2C1 PHASE2C1  
SRCGROUP PHASE2C2 PHASE2C2  
SRCGROUP PHASE2C3 PHASE2C3  
SRCGROUP PHASE2C4 PHASE2C4  
SRCGROUP PHASE2C5 PHASE2C5  
SRCGROUP PHASE2C6 PHASE2C6  
SRCGROUP PHASE2C7 PHASE2C7  
SRCGROUP BEACH BEACH  
SRCGROUP EMGEN1 EMGEN1  
SRCGROUP EMGEN2 EMGEN2  
SRCGROUP EMGEN3 EMGEN3  
SRCGROUP EMGEN5 EMGEN5  
SRCGROUP EMGEN6 EMGEN6  
SRCGROUP EMGEN7 EMGEN7  
SRCGROUP CONST L0001430 L0001431 L0001432 L0001433 L0001434 L0001435  
SRCGROUP CONST L0001436 L0001437 L0001438 L0001439 L0001440 L0001441  
SRCGROUP CONST L0001442 L0001443 L0001444 L0001445 L0001446 L0001447  
SRCGROUP CONST L0001448 L0001449 L0001450 L0001451 L0001452 L0001453  
SRCGROUP CONST L0001454 L0001455 L0001456 L0001457 L0001458 L0001459  
SRCGROUP CONST L0001460 L0001461 L0001462 L0001463 L0001464 L0001465  
SRCGROUP CONST L0001466 L0001467 L0001468 L0001469 L0001470 L0001471  
SRCGROUP CONST L0001472 L0001473 L0001474 L0001475 L0001476 L0001477  
SRCGROUP CONST L0001478 L0001479 L0001480 L0001481 L0001482 L0001483  
SRCGROUP CONST L0001484 L0001485 L0001486 L0001487 L0001488 L0001489  
SRCGROUP CONST L0001490 L0001491 L0001492 L0001493 L0001494 L0001495  
SRCGROUP CONST L0001496 L0001497 L0001498 L0001499 L0001500 L0001501  
SRCGROUP CONST L0001502 L0001503 L0001504 L0001505 L0001506 L0001507  
SRCGROUP CONST L0001508 L0001509 L0001510 L0001511 L0001512 L0001513  
SRCGROUP CONST L0001514 L0001515 L0001516 L0001517

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED PreCon.ROU

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING  
SURFFILE mission\_bay\_2008.SFC  
PROFFILE mission\_bay\_2008.PFL  
SURFDATA 23234 2008  
UAIRDATA 23230 2008  
PROFBASE 2.0 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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OU STARTING

OU RECTABLE ALLAVE 1

- PLOTFILE 1 PHASE1C1 1ST Plots\PHASE1C1\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE1C2 1ST Plots\PHASE1C2\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE1C3 1ST Plots\PHASE1C3\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE1C4 1ST Plots\PHASE1C4\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE1C5 1ST Plots\PHASE1C5\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE1C6 1ST Plots\PHASE1C6\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE1C7 1ST Plots\PHASE1C7\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE1C8 1ST Plots\PHASE1C8\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 BIGGRN 1ST Plots\BIGGRN\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 SHORE 1ST Plots\SHORE\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 RPD2 1ST Plots\RPD2\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PILE 1ST Plots\PILE\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE2C1 1ST Plots\PHASE2C1\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE2C2 1ST Plots\PHASE2C2\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE2C3 1ST Plots\PHASE2C3\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE2C4 1ST Plots\PHASE2C4\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE2C5 1ST Plots\PHASE2C5\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE2C6 1ST Plots\PHASE2C6\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 PHASE2C7 1ST Plots\PHASE2C7\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 BEACH 1ST Plots\BEACH\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 EMGEN1 1ST Plots\EMGEN1\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 EMGEN6 1ST Plots\EMGEN6\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7\_1hr\_2021-2022EV.PLT
- PLOTFILE 1 CONST 1ST Plots\CONST\_1hr\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C1 Plots\PHASE1C1\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C2 Plots\PHASE1C2\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C3 Plots\PHASE1C3\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C4 Plots\PHASE1C4\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C5 Plots\PHASE1C5\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C6 Plots\PHASE1C6\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C7 Plots\PHASE1C7\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE1C8 Plots\PHASE1C8\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD BIGGRN Plots\BIGGRN\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD SHORE Plots\SHORE\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD RPD2 Plots\RPD2\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PILE Plots\PILE\_Ann\_2021-2022EV.PLT
- PLOTFILE PERIOD PHASE2C1 Plots\PHASE2C1\_Ann\_2021-2022EV.PLT

PLOTFILE PERIOD PHASE2C2 Plots\PHASE2C2\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD PHASE2C3 Plots\PHASE2C3\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD PHASE2C4 Plots\PHASE2C4\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD PHASE2C5 Plots\PHASE2C5\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD PHASE2C6 Plots\PHASE2C6\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD PHASE2C7 Plots\PHASE2C7\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD CONST Plots\CONST\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD BEACH Plots\BEACH\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD EMGEN1 Plots\EMGEN1\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD EMGEN2 Plots\EMGEN2\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD EMGEN3 Plots\EMGEN3\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD EMGEN5 Plots\EMGEN5\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD EMGEN6 Plots\EMGEN6\_Ann\_2021-2022EV.PLT  
PLOTFILE PERIOD EMGEN7 Plots\EMGEN7\_Ann\_2021-2022EV.PLT

OU FINISHED

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\*\* Project Parameters

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\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM North American Datum 1983  
\*\* DTMRGN CONUS  
\*\* UNITS m  
\*\* ZONE 10  
\*\* ZONEINX 0  
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**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Operations Existing Receptors - Maximum Commercial Option
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  FLAGPOLE 1.80
  RUNORNOT RUN
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION EMGEN1      POINT      555132.289  4176268.496      4.572
LOCATION EMGEN2      POINT      555244.723  4176214.288      5.182
LOCATION EMGEN3      POINT      555244.697  4176254.889      4.572
LOCATION EMGEN4      POINT      555413.890  4176206.195      5.182
LOCATION EMGEN5      POINT      555130.892  4176268.960      4.572
LOCATION EMGEN6      POINT      555246.510  4176214.828      5.182
LOCATION EMGEN7      POINT      555246.148  4176255.337      4.572
LOCATION EMGEN8      POINT      555415.054  4176207.595      5.182
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESN
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554678.517, 4176495.353, 31.97, 2.00, 6.24
** 555496.302, 4175923.596, 19.10, 2.00, 6.24
** -----
LOCATION L0000001    VOLUME    554684.012  4176491.511  31.88
LOCATION L0000002    VOLUME    554695.002  4176483.827  31.71
LOCATION L0000003    VOLUME    554705.993  4176476.143  31.54
LOCATION L0000004    VOLUME    554716.983  4176468.459  31.36
LOCATION L0000005    VOLUME    554727.973  4176460.776  31.19
LOCATION L0000006    VOLUME    554738.963  4176453.092  31.02
LOCATION L0000007    VOLUME    554749.954  4176445.408  30.85
LOCATION L0000008    VOLUME    554760.944  4176437.724  30.67
LOCATION L0000009    VOLUME    554771.934  4176430.040  30.50
LOCATION L0000010    VOLUME    554782.925  4176422.356  30.33
LOCATION L0000011    VOLUME    554793.915  4176414.672  30.15

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LOCATION	L0000012	VOLUME	554804.905	4176406.988	29.98
LOCATION	L0000013	VOLUME	554815.895	4176399.304	29.81
LOCATION	L0000014	VOLUME	554826.886	4176391.621	29.64
LOCATION	L0000015	VOLUME	554837.876	4176383.937	29.46
LOCATION	L0000016	VOLUME	554848.866	4176376.253	29.29
LOCATION	L0000017	VOLUME	554859.856	4176368.569	29.12
LOCATION	L0000018	VOLUME	554870.847	4176360.885	28.94
LOCATION	L0000019	VOLUME	554881.837	4176353.201	28.77
LOCATION	L0000020	VOLUME	554892.827	4176345.517	28.60
LOCATION	L0000021	VOLUME	554903.818	4176337.833	28.42
LOCATION	L0000022	VOLUME	554914.808	4176330.150	28.25
LOCATION	L0000023	VOLUME	554925.798	4176322.466	28.08
LOCATION	L0000024	VOLUME	554936.788	4176314.782	27.91
LOCATION	L0000025	VOLUME	554947.779	4176307.098	27.73
LOCATION	L0000026	VOLUME	554958.769	4176299.414	27.56
LOCATION	L0000027	VOLUME	554969.759	4176291.730	27.39
LOCATION	L0000028	VOLUME	554980.749	4176284.046	27.21
LOCATION	L0000029	VOLUME	554991.740	4176276.362	27.04
LOCATION	L0000030	VOLUME	555002.730	4176268.678	26.87
LOCATION	L0000031	VOLUME	555013.720	4176260.995	26.69
LOCATION	L0000032	VOLUME	555024.711	4176253.311	26.52
LOCATION	L0000033	VOLUME	555035.701	4176245.627	26.35
LOCATION	L0000034	VOLUME	555046.691	4176237.943	26.18
LOCATION	L0000035	VOLUME	555057.681	4176230.259	26.00
LOCATION	L0000036	VOLUME	555068.672	4176222.575	25.83
LOCATION	L0000037	VOLUME	555079.662	4176214.891	25.66
LOCATION	L0000038	VOLUME	555090.652	4176207.207	25.48
LOCATION	L0000039	VOLUME	555101.642	4176199.524	25.31
LOCATION	L0000040	VOLUME	555112.633	4176191.840	25.14
LOCATION	L0000041	VOLUME	555123.623	4176184.156	24.97
LOCATION	L0000042	VOLUME	555134.613	4176176.472	24.79
LOCATION	L0000043	VOLUME	555145.603	4176168.788	24.62
LOCATION	L0000044	VOLUME	555156.594	4176161.104	24.45
LOCATION	L0000045	VOLUME	555167.584	4176153.420	24.27
LOCATION	L0000046	VOLUME	555178.574	4176145.736	24.10
LOCATION	L0000047	VOLUME	555189.565	4176138.052	23.93
LOCATION	L0000048	VOLUME	555200.555	4176130.369	23.75
LOCATION	L0000049	VOLUME	555211.545	4176122.685	23.58
LOCATION	L0000050	VOLUME	555222.535	4176115.001	23.41
LOCATION	L0000051	VOLUME	555233.526	4176107.317	23.24
LOCATION	L0000052	VOLUME	555244.516	4176099.633	23.06
LOCATION	L0000053	VOLUME	555255.506	4176091.949	22.89
LOCATION	L0000054	VOLUME	555266.496	4176084.265	22.72
LOCATION	L0000055	VOLUME	555277.487	4176076.581	22.54
LOCATION	L0000056	VOLUME	555288.477	4176068.898	22.37
LOCATION	L0000057	VOLUME	555299.467	4176061.214	22.20
LOCATION	L0000058	VOLUME	555310.458	4176053.530	22.02
LOCATION	L0000059	VOLUME	555321.448	4176045.846	21.85
LOCATION	L0000060	VOLUME	555332.438	4176038.162	21.68
LOCATION	L0000061	VOLUME	555343.428	4176030.478	21.51
LOCATION	L0000062	VOLUME	555354.419	4176022.794	21.33
LOCATION	L0000063	VOLUME	555365.409	4176015.110	21.16
LOCATION	L0000064	VOLUME	555376.399	4176007.426	20.99
LOCATION	L0000065	VOLUME	555387.389	4175999.743	20.81
LOCATION	L0000066	VOLUME	555398.380	4175992.059	20.64
LOCATION	L0000067	VOLUME	555409.370	4175984.375	20.47
LOCATION	L0000068	VOLUME	555420.360	4175976.691	20.30

```
LOCATION L0000069      VOLUME  555431.351 4175969.007 20.12
LOCATION L0000070      VOLUME  555442.341 4175961.323 19.95
LOCATION L0000071      VOLUME  555453.331 4175953.639 19.78
LOCATION L0000072      VOLUME  555464.321 4175945.955 19.60
LOCATION L0000073      VOLUME  555475.312 4175938.271 19.43
LOCATION L0000074      VOLUME  555486.302 4175930.588 19.26
** End of LINE VOLUME Source ID = INNESN
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HAWES
** DESCRSRC
** PREFIX
** Length of Side = 18.29
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554840.757, 4176392.088, 13.29, 2.00, 8.51
** 554886.921, 4176450.987, 12.78, 2.00, 8.51
** -----
LOCATION L0000688      VOLUME  554846.398 4176399.286 13.23
LOCATION L0000689      VOLUME  554857.681 4176413.681 13.10
LOCATION L0000690      VOLUME  554868.964 4176428.076 12.98
LOCATION L0000691      VOLUME  554880.247 4176442.471 12.85
** End of LINE VOLUME Source ID = HAWES
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HUNT
** DESCRSRC
** PREFIX
** Length of Side = 13.41
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 3
** 554892.236, 4176367.914, 12.49, 2.00, 6.24
** 554910.687, 4176653.908, 14.47, 2.00, 6.24
** 554851.233, 4176783.066, 10.77, 2.00, 6.24
** -----
LOCATION L0000692      VOLUME  554892.668 4176374.605 12.54
LOCATION L0000693      VOLUME  554893.531 4176387.987 12.63
LOCATION L0000694      VOLUME  554894.394 4176401.369 12.72
LOCATION L0000695      VOLUME  554895.258 4176414.752 12.81
LOCATION L0000696      VOLUME  554896.121 4176428.134 12.91
LOCATION L0000697      VOLUME  554896.984 4176441.516 13.00
LOCATION L0000698      VOLUME  554897.848 4176454.898 13.09
LOCATION L0000699      VOLUME  554898.711 4176468.280 13.18
LOCATION L0000700      VOLUME  554899.575 4176481.663 13.28
LOCATION L0000701      VOLUME  554900.438 4176495.045 13.37
LOCATION L0000702      VOLUME  554901.301 4176508.427 13.46
LOCATION L0000703      VOLUME  554902.165 4176521.809 13.56
LOCATION L0000704      VOLUME  554903.028 4176535.191 13.65
LOCATION L0000705      VOLUME  554903.891 4176548.573 13.74
LOCATION L0000706      VOLUME  554904.755 4176561.956 13.83
LOCATION L0000707      VOLUME  554905.618 4176575.338 13.93
```

LOCATION	VOLUME	Source ID	Value 1	Value 2	Value 3
L0000708	554906.481	HUNT	4176588.720	14.02	
L0000709	554907.345	HUNT	4176602.102	14.11	
L0000710	554908.208	HUNT	4176615.484	14.20	
L0000711	554909.071	HUNT	4176628.866	14.30	
L0000712	554909.935	HUNT	4176642.249	14.39	
L0000713	554909.965	HUNT	4176655.476	14.43	
L0000714	554904.358	HUNT	4176667.658	14.08	
L0000715	554898.750	HUNT	4176679.839	13.73	
L0000716	554893.143	HUNT	4176692.020	13.38	
L0000717	554887.536	HUNT	4176704.202	13.03	
L0000718	554881.928	HUNT	4176716.383	12.68	
L0000719	554876.321	HUNT	4176728.565	12.33	
L0000720	554870.714	HUNT	4176740.746	11.98	
L0000721	554865.106	HUNT	4176752.927	11.63	
L0000722	554859.499	HUNT	4176765.109	11.28	
L0000723	554853.892	HUNT	4176777.290	10.94	

\*\* End of LINE VOLUME Source ID = HUNT

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = EVANS

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 13.41

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 3

\*\* 554702.207, 4176893.076, 9.07, 2.00, 6.24

\*\* 554846.014, 4176790.551, 10.61, 2.00, 6.24

\*\* 554851.050, 4176783.311, 10.77, 2.00, 6.24

\*\* -----

L0000724	554707.667	EVANS	4176889.184	9.13	
L0000725	554718.586	EVANS	4176881.399	9.25	
L0000726	554729.505	EVANS	4176873.614	9.36	
L0000727	554740.424	EVANS	4176865.830	9.48	
L0000728	554751.343	EVANS	4176858.045	9.60	
L0000729	554762.262	EVANS	4176850.261	9.71	
L0000730	554773.181	EVANS	4176842.476	9.83	
L0000731	554784.101	EVANS	4176834.691	9.95	
L0000732	554795.020	EVANS	4176826.907	10.06	
L0000733	554805.939	EVANS	4176819.122	10.18	
L0000734	554816.858	EVANS	4176811.337	10.30	
L0000735	554827.777	EVANS	4176803.553	10.41	
L0000736	554838.696	EVANS	4176795.768	10.53	
L0000737	554848.540	EVANS	4176786.920	10.69	

\*\* End of LINE VOLUME Source ID = EVANS

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = JENN

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 12.80

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

```
** Nodes = 3
** 554703.459, 4176892.130, 9.07, 2.00, 5.95
** 554679.111, 4176839.151, 15.25, 2.00, 5.95
** 554678.308, 4176801.424, 18.60, 2.00, 5.95
** -----
LOCATION L0000738      VOLUME  554700.786 4176886.315 9.75
LOCATION L0000739      VOLUME  554695.441 4176874.684 11.11
LOCATION L0000740      VOLUME  554690.096 4176863.054 12.46
LOCATION L0000741      VOLUME  554684.751 4176851.423 13.82
LOCATION L0000742      VOLUME  554679.406 4176839.793 15.18
LOCATION L0000743      VOLUME  554678.854 4176827.060 16.32
LOCATION L0000744      VOLUME  554678.581 4176814.263 17.46
LOCATION L0000745      VOLUME  554678.309 4176801.466 18.60
** End of LINE VOLUME Source ID = JENN
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = MIDDLE
** DESCRSRC
** PREFIX
** Length of Side = 10.36
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 554679.208, 4176800.861, 18.59, 2.00, 4.82
** 554682.380, 4176500.519, 32.23, 2.00, 4.82
** -----
LOCATION L0000746      VOLUME  554679.263 4176795.681 18.83
LOCATION L0000747      VOLUME  554679.372 4176785.322 19.30
LOCATION L0000748      VOLUME  554679.482 4176774.962 19.77
LOCATION L0000749      VOLUME  554679.591 4176764.603 20.24
LOCATION L0000750      VOLUME  554679.700 4176754.244 20.71
LOCATION L0000751      VOLUME  554679.810 4176743.884 21.18
LOCATION L0000752      VOLUME  554679.919 4176733.525 21.65
LOCATION L0000753      VOLUME  554680.029 4176723.165 22.12
LOCATION L0000754      VOLUME  554680.138 4176712.806 22.59
LOCATION L0000755      VOLUME  554680.247 4176702.446 23.06
LOCATION L0000756      VOLUME  554680.357 4176692.087 23.53
LOCATION L0000757      VOLUME  554680.466 4176681.728 24.00
LOCATION L0000758      VOLUME  554680.576 4176671.368 24.47
LOCATION L0000759      VOLUME  554680.685 4176661.009 24.94
LOCATION L0000760      VOLUME  554680.794 4176650.649 25.41
LOCATION L0000761      VOLUME  554680.904 4176640.290 25.88
LOCATION L0000762      VOLUME  554681.013 4176629.931 26.35
LOCATION L0000763      VOLUME  554681.123 4176619.571 26.82
LOCATION L0000764      VOLUME  554681.232 4176609.212 27.29
LOCATION L0000765      VOLUME  554681.341 4176598.852 27.76
LOCATION L0000766      VOLUME  554681.451 4176588.493 28.23
LOCATION L0000767      VOLUME  554681.560 4176578.133 28.71
LOCATION L0000768      VOLUME  554681.670 4176567.774 29.18
LOCATION L0000769      VOLUME  554681.779 4176557.415 29.65
LOCATION L0000770      VOLUME  554681.889 4176547.055 30.12
LOCATION L0000771      VOLUME  554681.998 4176536.696 30.59
LOCATION L0000772      VOLUME  554682.107 4176526.336 31.06
LOCATION L0000773      VOLUME  554682.217 4176515.977 31.53
LOCATION L0000774      VOLUME  554682.326 4176505.617 32.00
```



```
** End of LINE VOLUME Source ID = MIDDLE
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GRIFF
** DESCRSRC
** PREFIX
** Length of Side = 7.92
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555009.340, 4176269.854, 10.24, 2.00, 3.69
** 555025.636, 4176286.891, 7.06, 2.00, 3.69
** -----
LOCATION L0000775      VOLUME  555012.077 4176272.716 9.71
LOCATION L0000776      VOLUME  555017.552 4176278.439 8.64
LOCATION L0000777      VOLUME  555023.026 4176284.162 7.57
** End of LINE VOLUME Source ID = GRIFF
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = NHUD
** DESCRSRC
** PREFIX
** Length of Side = 10.67
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 6
** 555024.896, 4176285.780, 7.09, 2.00, 4.96
** 555067.860, 4176291.706, 2.98, 2.00, 4.96
** 555184.531, 4176256.890, 7.45, 2.00, 4.96
** 555217.993, 4176210.317, 9.25, 2.00, 4.96
** 555269.871, 4176241.559, 8.83, 2.00, 4.96
** 555400.834, 4176116.886, 6.11, 2.00, 4.96
** -----
LOCATION L0000778      VOLUME  555030.181 4176286.509 6.58
LOCATION L0000779      VOLUME  555040.751 4176287.967 5.57
LOCATION L0000780      VOLUME  555051.321 4176289.425 4.56
LOCATION L0000781      VOLUME  555061.891 4176290.883 3.55
LOCATION L0000782      VOLUME  555072.310 4176290.378 3.15
LOCATION L0000783      VOLUME  555082.535 4176287.327 3.54
LOCATION L0000784      VOLUME  555092.759 4176284.276 3.93
LOCATION L0000785      VOLUME  555102.984 4176281.225 4.33
LOCATION L0000786      VOLUME  555113.208 4176278.174 4.72
LOCATION L0000787      VOLUME  555123.433 4176275.122 5.11
LOCATION L0000788      VOLUME  555133.657 4176272.071 5.50
LOCATION L0000789      VOLUME  555143.882 4176269.020 5.89
LOCATION L0000790      VOLUME  555154.106 4176265.969 6.28
LOCATION L0000791      VOLUME  555164.331 4176262.918 6.68
LOCATION L0000792      VOLUME  555174.555 4176259.867 7.07
LOCATION L0000793      VOLUME  555184.682 4176256.679 7.46
LOCATION L0000794      VOLUME  555190.908 4176248.014 7.79
LOCATION L0000795      VOLUME  555197.134 4176239.349 8.13
LOCATION L0000796      VOLUME  555203.360 4176230.684 8.46
LOCATION L0000797      VOLUME  555209.586 4176222.018 8.80
```

LOCATION	VOLUME	Source ID	Value 1	Value 2	Value 3
L0000798	555215.812	NHUD	4176213.353	9.13	
L0000799	555223.931	NHUD	4176213.893	9.20	
L0000800	555233.071	NHUD	4176219.398	9.13	
L0000801	555242.212	NHUD	4176224.902	9.05	
L0000802	555251.352	NHUD	4176230.407	8.98	
L0000803	555260.493	NHUD	4176235.911	8.91	
L0000804	555269.633	NHUD	4176241.416	8.83	
L0000805	555277.398	NHUD	4176234.393	8.67	
L0000806	555285.126	NHUD	4176227.036	8.51	
L0000807	555292.855	NHUD	4176219.679	8.35	
L0000808	555300.583	NHUD	4176212.322	8.19	
L0000809	555308.311	NHUD	4176204.965	8.03	
L0000810	555316.039	NHUD	4176197.608	7.87	
L0000811	555323.767	NHUD	4176190.252	7.71	
L0000812	555331.495	NHUD	4176182.895	7.55	
L0000813	555339.223	NHUD	4176175.538	7.39	
L0000814	555346.951	NHUD	4176168.181	7.23	
L0000815	555354.680	NHUD	4176160.824	7.07	
L0000816	555362.408	NHUD	4176153.467	6.91	
L0000817	555370.136	NHUD	4176146.110	6.75	
L0000818	555377.864	NHUD	4176138.753	6.59	
L0000819	555385.592	NHUD	4176131.396	6.43	
L0000820	555393.320	NHUD	4176124.039	6.27	

\*\* End of LINE VOLUME Source ID = NHUD

\*\* -----  
 \*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = ARELI

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 12.19

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 2

\*\* 555176.012, 4176155.405, 12.75, 2.00, 5.67

\*\* 555214.902, 4176215.037, 9.26, 2.00, 5.67

L0000821	555179.341	ARELI	4176160.510	12.45	
L0000822	555186.000	ARELI	4176170.721	11.85	
L0000823	555192.659	ARELI	4176180.931	11.26	
L0000824	555199.318	ARELI	4176191.142	10.66	
L0000825	555205.977	ARELI	4176201.352	10.06	
L0000826	555212.636	ARELI	4176211.563	9.46	

\*\* End of LINE VOLUME Source ID = ARELI

\*\* -----  
 \*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = EARLN

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 8.53

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 3

\*\* 555342.533, 4176040.516, 18.57, 2.00, 3.97

\*\* 555411.287, 4176117.714, 6.22, 2.00, 3.97  
\*\* 555543.971, 4176310.106, 1.95, 2.00, 3.97

\*\* -----  
LOCATION L0000827 VOLUME 555345.370 4176043.701 18.06  
LOCATION L0000828 VOLUME 555351.043 4176050.071 17.04  
LOCATION L0000829 VOLUME 555356.716 4176056.441 16.02  
LOCATION L0000830 VOLUME 555362.389 4176062.811 15.00  
LOCATION L0000831 VOLUME 555368.062 4176069.181 13.98  
LOCATION L0000832 VOLUME 555373.735 4176075.551 12.97  
LOCATION L0000833 VOLUME 555379.409 4176081.921 11.95  
LOCATION L0000834 VOLUME 555385.082 4176088.290 10.93  
LOCATION L0000835 VOLUME 555390.755 4176094.660 9.91  
LOCATION L0000836 VOLUME 555396.428 4176101.030 8.89  
LOCATION L0000837 VOLUME 555402.101 4176107.400 7.87  
LOCATION L0000838 VOLUME 555407.775 4176113.770 6.85  
LOCATION L0000839 VOLUME 555413.131 4176120.388 6.16  
LOCATION L0000840 VOLUME 555417.974 4176127.410 6.00  
LOCATION L0000841 VOLUME 555422.817 4176134.432 5.85  
LOCATION L0000842 VOLUME 555427.660 4176141.454 5.69  
LOCATION L0000843 VOLUME 555432.502 4176148.476 5.54  
LOCATION L0000844 VOLUME 555437.345 4176155.498 5.38  
LOCATION L0000845 VOLUME 555442.188 4176162.520 5.23  
LOCATION L0000846 VOLUME 555447.031 4176169.542 5.07  
LOCATION L0000847 VOLUME 555451.874 4176176.564 4.91  
LOCATION L0000848 VOLUME 555456.716 4176183.587 4.76  
LOCATION L0000849 VOLUME 555461.559 4176190.609 4.60  
LOCATION L0000850 VOLUME 555466.402 4176197.631 4.45  
LOCATION L0000851 VOLUME 555471.245 4176204.653 4.29  
LOCATION L0000852 VOLUME 555476.087 4176211.675 4.13  
LOCATION L0000853 VOLUME 555480.930 4176218.697 3.98  
LOCATION L0000854 VOLUME 555485.773 4176225.719 3.82  
LOCATION L0000855 VOLUME 555490.616 4176232.741 3.67  
LOCATION L0000856 VOLUME 555495.458 4176239.763 3.51  
LOCATION L0000857 VOLUME 555500.301 4176246.785 3.36  
LOCATION L0000858 VOLUME 555505.144 4176253.807 3.20  
LOCATION L0000859 VOLUME 555509.987 4176260.829 3.04  
LOCATION L0000860 VOLUME 555514.829 4176267.851 2.89  
LOCATION L0000861 VOLUME 555519.672 4176274.873 2.73  
LOCATION L0000862 VOLUME 555524.515 4176281.895 2.58  
LOCATION L0000863 VOLUME 555529.358 4176288.917 2.42  
LOCATION L0000864 VOLUME 555534.200 4176295.939 2.26  
LOCATION L0000865 VOLUME 555539.043 4176302.961 2.11  
LOCATION L0000866 VOLUME 555543.886 4176309.983 1.95

\*\* End of LINE VOLUME Source ID = EARLN

\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = DONS

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 12.19

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 2

\*\* 555402.422, 4175770.444, 32.36, 2.00, 5.67

\*\* 555590.247, 4176037.573, 14.86, 2.00, 5.67

```
** -----
LOCATION L0000867      VOLUME  555405.928 4175775.430 32.03
LOCATION L0000868      VOLUME  555412.939 4175785.402 31.38
LOCATION L0000869      VOLUME  555419.951 4175795.373 30.73
LOCATION L0000870      VOLUME  555426.962 4175805.345 30.07
LOCATION L0000871      VOLUME  555433.973 4175815.317 29.42
LOCATION L0000872      VOLUME  555440.985 4175825.289 28.77
LOCATION L0000873      VOLUME  555447.996 4175835.261 28.11
LOCATION L0000874      VOLUME  555455.008 4175845.232 27.46
LOCATION L0000875      VOLUME  555462.019 4175855.204 26.81
LOCATION L0000876      VOLUME  555469.030 4175865.176 26.15
LOCATION L0000877      VOLUME  555476.042 4175875.148 25.50
LOCATION L0000878      VOLUME  555483.053 4175885.119 24.85
LOCATION L0000879      VOLUME  555490.065 4175895.091 24.19
LOCATION L0000880      VOLUME  555497.076 4175905.063 23.54
LOCATION L0000881      VOLUME  555504.087 4175915.035 22.89
LOCATION L0000882      VOLUME  555511.099 4175925.007 22.23
LOCATION L0000883      VOLUME  555518.110 4175934.978 21.58
LOCATION L0000884      VOLUME  555525.122 4175944.950 20.93
LOCATION L0000885      VOLUME  555532.133 4175954.922 20.27
LOCATION L0000886      VOLUME  555539.144 4175964.894 19.62
LOCATION L0000887      VOLUME  555546.156 4175974.865 18.97
LOCATION L0000888      VOLUME  555553.167 4175984.837 18.31
LOCATION L0000889      VOLUME  555560.179 4175994.809 17.66
LOCATION L0000890      VOLUME  555567.190 4176004.781 17.01
LOCATION L0000891      VOLUME  555574.201 4176014.753 16.36
LOCATION L0000892      VOLUME  555581.213 4176024.724 15.70
LOCATION L0000893      VOLUME  555588.224 4176034.696 15.05
** End of LINE VOLUME Source ID = DONS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = GALVEZ
** DESCRSRC
** PREFIX
** Length of Side = 24.38
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 3
** 555601.934, 4176034.234, 14.56, 2.00, 11.34
** 555624.473, 4176030.060, 14.20, 2.00, 11.34
** 555734.664, 4175955.765, 12.39, 2.00, 11.34
** -----
LOCATION L0000894      VOLUME  555613.920 4176032.014 14.37
LOCATION L0000895      VOLUME  555635.789 4176022.430 14.01
LOCATION L0000896      VOLUME  555656.003 4176008.801 13.68
LOCATION L0000897      VOLUME  555676.218 4175995.172 13.35
LOCATION L0000898      VOLUME  555696.432 4175981.542 13.02
LOCATION L0000899      VOLUME  555716.647 4175967.913 12.69
** End of LINE VOLUME Source ID = GALVEZ
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = INNESS
** DESCRSRC
** PREFIX
** Length of Side = 12.19
```

```
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555510.943, 4175906.513, 19.57, 2.00, 5.67
** 555647.847, 4175810.513, 32.11, 2.00, 5.67
** -----
LOCATION L0000900      VOLUME  555515.933 4175903.014 20.03
LOCATION L0000901      VOLUME  555525.914 4175896.015 20.94
LOCATION L0000902      VOLUME  555535.895 4175889.016 21.86
LOCATION L0000903      VOLUME  555545.875 4175882.018 22.77
LOCATION L0000904      VOLUME  555555.856 4175875.019 23.68
LOCATION L0000905      VOLUME  555565.837 4175868.020 24.60
LOCATION L0000906      VOLUME  555575.818 4175861.022 25.51
LOCATION L0000907      VOLUME  555585.798 4175854.023 26.43
LOCATION L0000908      VOLUME  555595.779 4175847.024 27.34
LOCATION L0000909      VOLUME  555605.760 4175840.025 28.25
LOCATION L0000910      VOLUME  555615.740 4175833.027 29.17
LOCATION L0000911      VOLUME  555625.721 4175826.028 30.08
LOCATION L0000912      VOLUME  555635.702 4175819.029 31.00
LOCATION L0000913      VOLUME  555645.683 4175812.031 31.91
** End of LINE VOLUME Source ID = INNESS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = HUDSON
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555556.856, 4175974.965, 17.00, 2.00, 4.54
** 555696.264, 4175880.635, 24.77, 2.00, 4.54
** -----
LOCATION L0000914      VOLUME  555560.894 4175972.233 17.23
LOCATION L0000915      VOLUME  555568.969 4175966.769 17.68
LOCATION L0000916      VOLUME  555577.044 4175961.305 18.13
LOCATION L0000917      VOLUME  555585.119 4175955.841 18.58
LOCATION L0000918      VOLUME  555593.194 4175950.377 19.03
LOCATION L0000919      VOLUME  555601.269 4175944.913 19.48
LOCATION L0000920      VOLUME  555609.344 4175939.449 19.93
LOCATION L0000921      VOLUME  555617.419 4175933.985 20.38
LOCATION L0000922      VOLUME  555625.494 4175928.521 20.83
LOCATION L0000923      VOLUME  555633.569 4175923.057 21.28
LOCATION L0000924      VOLUME  555641.645 4175917.593 21.73
LOCATION L0000925      VOLUME  555649.720 4175912.129 22.18
LOCATION L0000926      VOLUME  555657.795 4175906.665 22.63
LOCATION L0000927      VOLUME  555665.870 4175901.201 23.08
LOCATION L0000928      VOLUME  555673.945 4175895.737 23.53
LOCATION L0000929      VOLUME  555682.020 4175890.273 23.98
LOCATION L0000930      VOLUME  555690.095 4175884.809 24.43
** End of LINE VOLUME Source ID = HUDSON
** -----
** Line Source Represented by Adjacent Volume Sources
```

```
** LINE VOLUME Source ID = KIRKS
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555411.604, 4175769.609, 32.06, 2.00, 4.54
** 555518.456, 4175696.148, 32.61, 2.00, 4.54
** -----
LOCATION L0000931      VOLUME  555415.621 4175766.847 32.08
LOCATION L0000932      VOLUME  555423.656 4175761.323 32.12
LOCATION L0000933      VOLUME  555431.690 4175755.800 32.16
LOCATION L0000934      VOLUME  555439.724 4175750.276 32.20
LOCATION L0000935      VOLUME  555447.759 4175744.752 32.25
LOCATION L0000936      VOLUME  555455.793 4175739.229 32.29
LOCATION L0000937      VOLUME  555463.828 4175733.705 32.33
LOCATION L0000938      VOLUME  555471.862 4175728.181 32.37
LOCATION L0000939      VOLUME  555479.896 4175722.658 32.41
LOCATION L0000940      VOLUME  555487.931 4175717.134 32.45
LOCATION L0000941      VOLUME  555495.965 4175711.610 32.49
LOCATION L0000942      VOLUME  555504.000 4175706.087 32.54
LOCATION L0000943      VOLUME  555512.034 4175700.563 32.58
** End of LINE VOLUME Source ID = KIRKS
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = FRIED
** DESCRSRC
** PREFIX
** Length of Side = 9.75
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 4.00
** SZINIT = 2.30
** Nodes = 2
** 555442.491, 4175752.078, 30.40, 2.00, 4.54
** 555587.743, 4175953.260, 21.52, 2.00, 4.54
** -----
LOCATION L0000944      VOLUME  555445.345 4175756.030 30.23
LOCATION L0000945      VOLUME  555451.052 4175763.935 29.88
LOCATION L0000946      VOLUME  555456.759 4175771.840 29.53
LOCATION L0000947      VOLUME  555462.467 4175779.745 29.18
LOCATION L0000948      VOLUME  555468.174 4175787.650 28.83
LOCATION L0000949      VOLUME  555473.881 4175795.555 28.48
LOCATION L0000950      VOLUME  555479.589 4175803.460 28.13
LOCATION L0000951      VOLUME  555485.296 4175811.365 27.78
LOCATION L0000952      VOLUME  555491.003 4175819.270 27.43
LOCATION L0000953      VOLUME  555496.711 4175827.175 27.09
LOCATION L0000954      VOLUME  555502.418 4175835.080 26.74
LOCATION L0000955      VOLUME  555508.125 4175842.985 26.39
LOCATION L0000956      VOLUME  555513.833 4175850.890 26.04
LOCATION L0000957      VOLUME  555519.540 4175858.795 25.69
LOCATION L0000958      VOLUME  555525.247 4175866.700 25.34
LOCATION L0000959      VOLUME  555530.955 4175874.605 24.99
LOCATION L0000960      VOLUME  555536.662 4175882.510 24.64
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LOCATION	L0000961	VOLUME	555542.369	4175890.415	24.29
LOCATION	L0000962	VOLUME	555548.077	4175898.320	23.94
LOCATION	L0000963	VOLUME	555553.784	4175906.225	23.60
LOCATION	L0000964	VOLUME	555559.492	4175914.130	23.25
LOCATION	L0000965	VOLUME	555565.199	4175922.035	22.90
LOCATION	L0000966	VOLUME	555570.906	4175929.940	22.55
LOCATION	L0000967	VOLUME	555576.614	4175937.845	22.20
LOCATION	L0000968	VOLUME	555582.321	4175945.750	21.85

\*\* End of LINE VOLUME Source ID = FRIED  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = JERR  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 9.75  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 2  
\*\* 555287.767, 4175961.265, 41.61, 2.00, 4.54  
\*\* 555450.550, 4175845.229, 30.22, 2.00, 4.54  
\*\* -----  
LOCATION L0000969 VOLUME 555291.737 4175958.435 41.33  
LOCATION L0000970 VOLUME 555299.676 4175952.776 40.78  
LOCATION L0000971 VOLUME 555307.615 4175947.117 40.22  
LOCATION L0000972 VOLUME 555315.555 4175941.457 39.67  
LOCATION L0000973 VOLUME 555323.494 4175935.798 39.11  
LOCATION L0000974 VOLUME 555331.434 4175930.138 38.55  
LOCATION L0000975 VOLUME 555339.373 4175924.479 38.00  
LOCATION L0000976 VOLUME 555347.312 4175918.820 37.44  
LOCATION L0000977 VOLUME 555355.252 4175913.160 36.89  
LOCATION L0000978 VOLUME 555363.191 4175907.501 36.33  
LOCATION L0000979 VOLUME 555371.130 4175901.841 35.78  
LOCATION L0000980 VOLUME 555379.070 4175896.182 35.22  
LOCATION L0000981 VOLUME 555387.009 4175890.523 34.67  
LOCATION L0000982 VOLUME 555394.949 4175884.863 34.11  
LOCATION L0000983 VOLUME 555402.888 4175879.204 33.55  
LOCATION L0000984 VOLUME 555410.827 4175873.544 33.00  
LOCATION L0000985 VOLUME 555418.767 4175867.885 32.44  
LOCATION L0000986 VOLUME 555426.706 4175862.226 31.89  
LOCATION L0000987 VOLUME 555434.645 4175856.566 31.33  
LOCATION L0000988 VOLUME 555442.585 4175850.907 30.78  
LOCATION L0000989 VOLUME 555450.524 4175845.247 30.22  
\*\* End of LINE VOLUME Source ID = JERR  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = NORTH  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 9.75  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 8  
\*\* 554694.670, 4176228.420, 66.09, 2.00, 4.54

\*\* 554735.110, 4176222.643, 63.04, 2.00, 4.54  
 \*\* 554757.063, 4176203.001, 60.06, 2.00, 4.54  
 \*\* 554780.171, 4176197.224, 56.43, 2.00, 4.54  
 \*\* 554837.942, 4176153.318, 48.66, 2.00, 4.54  
 \*\* 554991.613, 4176148.696, 33.60, 2.00, 4.54  
 \*\* 555144.128, 4176065.506, 36.75, 2.00, 4.54  
 \*\* 555281.623, 4175964.985, 41.72, 2.00, 4.54  
 \*\*

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LOCATION	L0000990	VOLUME	554699.496	4176227.731	65.73
LOCATION	L0000991	VOLUME	554709.148	4176226.352	65.00
LOCATION	L0000992	VOLUME	554718.800	4176224.973	64.27
LOCATION	L0000993	VOLUME	554728.452	4176223.594	63.54
LOCATION	L0000994	VOLUME	554737.364	4176220.626	62.73
LOCATION	L0000995	VOLUME	554744.630	4176214.125	61.75
LOCATION	L0000996	VOLUME	554751.896	4176207.624	60.76
LOCATION	L0000997	VOLUME	554759.796	4176202.318	59.63
LOCATION	L0000998	VOLUME	554769.255	4176199.953	58.14
LOCATION	L0000999	VOLUME	554778.714	4176197.588	56.66
LOCATION	L0001000	VOLUME	554786.738	4176192.233	55.55
LOCATION	L0001001	VOLUME	554794.500	4176186.334	54.50
LOCATION	L0001002	VOLUME	554802.263	4176180.434	53.46
LOCATION	L0001003	VOLUME	554810.025	4176174.535	52.41
LOCATION	L0001004	VOLUME	554817.788	4176168.635	51.37
LOCATION	L0001005	VOLUME	554825.550	4176162.736	50.33
LOCATION	L0001006	VOLUME	554833.313	4176156.836	49.28
LOCATION	L0001007	VOLUME	554841.876	4176153.200	48.27
LOCATION	L0001008	VOLUME	554851.622	4176152.907	47.32
LOCATION	L0001009	VOLUME	554861.367	4176152.613	46.36
LOCATION	L0001010	VOLUME	554871.113	4176152.320	45.41
LOCATION	L0001011	VOLUME	554880.859	4176152.027	44.45
LOCATION	L0001012	VOLUME	554890.604	4176151.734	43.50
LOCATION	L0001013	VOLUME	554900.350	4176151.441	42.54
LOCATION	L0001014	VOLUME	554910.095	4176151.148	41.59
LOCATION	L0001015	VOLUME	554919.841	4176150.855	40.63
LOCATION	L0001016	VOLUME	554929.586	4176150.562	39.68
LOCATION	L0001017	VOLUME	554939.332	4176150.268	38.72
LOCATION	L0001018	VOLUME	554949.078	4176149.975	37.77
LOCATION	L0001019	VOLUME	554958.823	4176149.682	36.81
LOCATION	L0001020	VOLUME	554968.569	4176149.389	35.86
LOCATION	L0001021	VOLUME	554978.314	4176149.096	34.90
LOCATION	L0001022	VOLUME	554988.060	4176148.803	33.95
LOCATION	L0001023	VOLUME	554997.052	4176145.729	33.71
LOCATION	L0001024	VOLUME	555005.611	4176141.060	33.89
LOCATION	L0001025	VOLUME	555014.171	4176136.392	34.07
LOCATION	L0001026	VOLUME	555022.730	4176131.723	34.24
LOCATION	L0001027	VOLUME	555031.290	4176127.054	34.42
LOCATION	L0001028	VOLUME	555039.849	4176122.385	34.60
LOCATION	L0001029	VOLUME	555048.409	4176117.716	34.77
LOCATION	L0001030	VOLUME	555056.968	4176113.048	34.95
LOCATION	L0001031	VOLUME	555065.528	4176108.379	35.13
LOCATION	L0001032	VOLUME	555074.087	4176103.710	35.30
LOCATION	L0001033	VOLUME	555082.647	4176099.041	35.48
LOCATION	L0001034	VOLUME	555091.206	4176094.372	35.66
LOCATION	L0001035	VOLUME	555099.766	4176089.704	35.83
LOCATION	L0001036	VOLUME	555108.325	4176085.035	36.01
LOCATION	L0001037	VOLUME	555116.885	4176080.366	36.19
LOCATION	L0001038	VOLUME	555125.444	4176075.697	36.36



LOCATION	VOLUME				
L0001039	555134.004	4176071.028	36.54		
L0001040	555142.563	4176066.360	36.72		
L0001041	555150.560	4176060.804	36.98		
L0001042	555158.431	4176055.049	37.27		
L0001043	555166.302	4176049.295	37.55		
L0001044	555174.172	4176043.541	37.84		
L0001045	555182.043	4176037.787	38.12		
L0001046	555189.914	4176032.032	38.41		
L0001047	555197.785	4176026.278	38.69		
L0001048	555205.656	4176020.524	38.97		
L0001049	555213.527	4176014.769	39.26		
L0001050	555221.398	4176009.015	39.54		
L0001051	555229.269	4176003.261	39.83		
L0001052	555237.139	4175997.506	40.11		
L0001053	555245.010	4175991.752	40.40		
L0001054	555252.881	4175985.998	40.68		
L0001055	555260.752	4175980.244	40.97		
L0001056	555268.623	4175974.489	41.25		
L0001057	555276.494	4175968.735	41.53		

\*\* End of LINE VOLUME Source ID = NORTH

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = EARLS

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 9.75

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 2

\*\* 555286.540, 4175961.335, 41.69, 2.00, 4.54

\*\* 555238.289, 4175894.990, 50.09, 2.00, 4.54

\*\*

LOCATION	VOLUME				
L0001058	555283.673	4175957.392	42.19		
L0001059	555277.938	4175949.507	43.19		
L0001060	555272.203	4175941.622	44.19		
L0001061	555266.469	4175933.737	45.18		
L0001062	555260.734	4175925.852	46.18		
L0001063	555254.999	4175917.967	47.18		
L0001064	555249.265	4175910.081	48.18		
L0001065	555243.530	4175902.196	49.18		

\*\* End of LINE VOLUME Source ID = EARLS

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = KIRKN

\*\* DESCRSRC

\*\* PREFIX

\*\* Length of Side = 9.75

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.0

\*\* Vertical Dimension = 4.00

\*\* SZINIT = 2.30

\*\* Nodes = 9

\*\* 554675.912, 4176161.117, 70.08, 2.00, 4.54

\*\* 554690.813, 4176153.312, 69.81, 2.00, 4.54

\*\* 554751.837, 4176088.740, 67.23, 2.00, 4.54

\*\* 554789.445, 4176063.905, 64.12, 2.00, 4.54  
\*\* 554851.888, 4176043.327, 58.54, 2.00, 4.54  
\*\* 554893.043, 4176043.327, 57.02, 2.00, 4.54  
\*\* 554966.840, 4176058.228, 52.57, 2.00, 4.54  
\*\* 555012.253, 4176048.294, 51.68, 2.00, 4.54  
\*\* 555234.351, 4175895.025, 50.12, 2.00, 4.54  
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LOCATION	L0001066	VOLUME	554680.230	4176158.855	70.00
LOCATION	L0001067	VOLUME	554688.867	4176154.331	69.85
LOCATION	L0001068	VOLUME	554696.001	4176147.822	69.59
LOCATION	L0001069	VOLUME	554702.698	4176140.736	69.31
LOCATION	L0001070	VOLUME	554709.395	4176133.650	69.02
LOCATION	L0001071	VOLUME	554716.092	4176126.563	68.74
LOCATION	L0001072	VOLUME	554722.789	4176119.477	68.46
LOCATION	L0001073	VOLUME	554729.486	4176112.391	68.17
LOCATION	L0001074	VOLUME	554736.182	4176105.305	67.89
LOCATION	L0001075	VOLUME	554742.879	4176098.219	67.61
LOCATION	L0001076	VOLUME	554749.576	4176091.132	67.33
LOCATION	L0001077	VOLUME	554757.226	4176085.181	66.78
LOCATION	L0001078	VOLUME	554765.362	4176079.808	66.11
LOCATION	L0001079	VOLUME	554773.499	4176074.435	65.44
LOCATION	L0001080	VOLUME	554781.635	4176069.063	64.77
LOCATION	L0001081	VOLUME	554789.816	4176063.783	64.09
LOCATION	L0001082	VOLUME	554799.076	4176060.731	63.26
LOCATION	L0001083	VOLUME	554808.336	4176057.680	62.43
LOCATION	L0001084	VOLUME	554817.596	4176054.628	61.60
LOCATION	L0001085	VOLUME	554826.856	4176051.576	60.78
LOCATION	L0001086	VOLUME	554836.116	4176048.525	59.95
LOCATION	L0001087	VOLUME	554845.376	4176045.473	59.12
LOCATION	L0001088	VOLUME	554854.782	4176043.327	58.43
LOCATION	L0001089	VOLUME	554864.532	4176043.327	58.07
LOCATION	L0001090	VOLUME	554874.282	4176043.327	57.71
LOCATION	L0001091	VOLUME	554884.032	4176043.327	57.35
LOCATION	L0001092	VOLUME	554893.767	4176043.473	56.98
LOCATION	L0001093	VOLUME	554903.324	4176045.403	56.40
LOCATION	L0001094	VOLUME	554912.882	4176047.333	55.82
LOCATION	L0001095	VOLUME	554922.439	4176049.263	55.25
LOCATION	L0001096	VOLUME	554931.996	4176051.192	54.67
LOCATION	L0001097	VOLUME	554941.553	4176053.122	54.09
LOCATION	L0001098	VOLUME	554951.110	4176055.052	53.52
LOCATION	L0001099	VOLUME	554960.667	4176056.982	52.94
LOCATION	L0001100	VOLUME	554970.213	4176057.490	52.50
LOCATION	L0001101	VOLUME	554979.738	4176055.407	52.32
LOCATION	L0001102	VOLUME	554989.262	4176053.323	52.13
LOCATION	L0001103	VOLUME	554998.787	4176051.240	51.94
LOCATION	L0001104	VOLUME	555008.312	4176049.156	51.76
LOCATION	L0001105	VOLUME	555016.957	4176045.048	51.65
LOCATION	L0001106	VOLUME	555024.982	4176039.510	51.59
LOCATION	L0001107	VOLUME	555033.007	4176033.972	51.53
LOCATION	L0001108	VOLUME	555041.031	4176028.434	51.48
LOCATION	L0001109	VOLUME	555049.056	4176022.896	51.42
LOCATION	L0001110	VOLUME	555057.081	4176017.359	51.37
LOCATION	L0001111	VOLUME	555065.105	4176011.821	51.31
LOCATION	L0001112	VOLUME	555073.130	4176006.283	51.25
LOCATION	L0001113	VOLUME	555081.155	4176000.745	51.20
LOCATION	L0001114	VOLUME	555089.179	4175995.207	51.14
LOCATION	L0001115	VOLUME	555097.204	4175989.670	51.08

LOCATION	L0001116	VOLUME	555105.229	4175984.132	51.03
LOCATION	L0001117	VOLUME	555113.253	4175978.594	50.97
LOCATION	L0001118	VOLUME	555121.278	4175973.056	50.91
LOCATION	L0001119	VOLUME	555129.303	4175967.518	50.86
LOCATION	L0001120	VOLUME	555137.327	4175961.981	50.80
LOCATION	L0001121	VOLUME	555145.352	4175956.443	50.75
LOCATION	L0001122	VOLUME	555153.377	4175950.905	50.69
LOCATION	L0001123	VOLUME	555161.401	4175945.367	50.63
LOCATION	L0001124	VOLUME	555169.426	4175939.829	50.58
LOCATION	L0001125	VOLUME	555177.451	4175934.292	50.52
LOCATION	L0001126	VOLUME	555185.475	4175928.754	50.46
LOCATION	L0001127	VOLUME	555193.500	4175923.216	50.41
LOCATION	L0001128	VOLUME	555201.525	4175917.678	50.35
LOCATION	L0001129	VOLUME	555209.549	4175912.141	50.29
LOCATION	L0001130	VOLUME	555217.574	4175906.603	50.24
LOCATION	L0001131	VOLUME	555225.599	4175901.065	50.18
LOCATION	L0001132	VOLUME	555233.623	4175895.527	50.13

\*\* End of LINE VOLUME Source ID = KIRKN  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = INGALLS  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 10.97  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 1.0  
\*\* Vertical Dimension = 4.00  
\*\* SZINIT = 2.30  
\*\* Nodes = 7  
\*\* 554671.654, 4176163.956, 70.05, 2.00, 5.10  
\*\* 554685.561, 4176197.232, 69.11, 2.00, 5.10  
\*\* 554691.523, 4176234.235, 65.57, 2.00, 5.10  
\*\* 554669.053, 4176313.322, 53.70, 2.00, 5.10  
\*\* 554643.824, 4176384.119, 42.72, 2.00, 5.10  
\*\* 554637.579, 4176439.343, 35.20, 2.00, 5.10  
\*\* 554682.511, 4176495.884, 31.77, 2.00, 5.10  
\*\* -----  
LOCATION L0001133 VOLUME 554673.769 4176169.017 69.91  
LOCATION L0001134 VOLUME 554677.999 4176179.138 69.62  
LOCATION L0001135 VOLUME 554682.229 4176189.260 69.34  
LOCATION L0001136 VOLUME 554685.932 4176199.532 68.89  
LOCATION L0001137 VOLUME 554687.677 4176210.362 67.85  
LOCATION L0001138 VOLUME 554689.422 4176221.193 66.82  
LOCATION L0001139 VOLUME 554691.167 4176232.023 65.78  
LOCATION L0001140 VOLUME 554689.137 4176242.632 64.31  
LOCATION L0001141 VOLUME 554686.139 4176253.185 62.73  
LOCATION L0001142 VOLUME 554683.141 4176263.737 61.14  
LOCATION L0001143 VOLUME 554680.143 4176274.289 59.56  
LOCATION L0001144 VOLUME 554677.145 4176284.842 57.97  
LOCATION L0001145 VOLUME 554674.147 4176295.394 56.39  
LOCATION L0001146 VOLUME 554671.149 4176305.946 54.81  
LOCATION L0001147 VOLUME 554667.944 4176316.433 53.22  
LOCATION L0001148 VOLUME 554664.262 4176326.766 51.61  
LOCATION L0001149 VOLUME 554660.580 4176337.100 50.01  
LOCATION L0001150 VOLUME 554656.897 4176347.433 48.41  
LOCATION L0001151 VOLUME 554653.215 4176357.767 46.81  
LOCATION L0001152 VOLUME 554649.532 4176368.100 45.20

LOCATION	L0001153	VOLUME	554645.850	4176378.434	43.60
LOCATION	L0001154	VOLUME	554643.270	4176389.022	42.05
LOCATION	L0001155	VOLUME	554642.037	4176399.923	40.57
LOCATION	L0001156	VOLUME	554640.804	4176410.823	39.08
LOCATION	L0001157	VOLUME	554639.571	4176421.724	37.60
LOCATION	L0001158	VOLUME	554638.339	4176432.624	36.11
LOCATION	L0001159	VOLUME	554640.197	4176442.638	35.00
LOCATION	L0001160	VOLUME	554647.022	4176451.226	34.48
LOCATION	L0001161	VOLUME	554653.847	4176459.815	33.96
LOCATION	L0001162	VOLUME	554660.672	4176468.403	33.44
LOCATION	L0001163	VOLUME	554667.497	4176476.991	32.92
LOCATION	L0001164	VOLUME	554674.322	4176485.580	32.40
LOCATION	L0001165	VOLUME	554681.147	4176494.168	31.87

\*\* End of LINE VOLUME Source ID = INGALLS

\*\*

\*\* Source Parameters \*\*

SRCPARAM	EMGEN1	1.0	22.641	739.817	45.30000	0.183
SRCPARAM	EMGEN2	1.0	23.860	739.817	45.30000	0.183
SRCPARAM	EMGEN3	1.0	5.572	739.817	45.30000	0.183
SRCPARAM	EMGEN4	1.0	24.774	739.817	45.30000	0.183
SRCPARAM	EMGEN5	1.0	22.641	739.817	45.30000	0.183
SRCPARAM	EMGEN6	1.0	23.860	739.817	45.30000	0.183
SRCPARAM	EMGEN7	1.0	5.572	739.817	45.30000	0.183
SRCPARAM	EMGEN8	1.0	24.774	739.817	45.30000	0.183

\*\* LINE VOLUME Source ID = INNESN

SRCPARAM	L0000001	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000002	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000003	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000004	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000005	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000006	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000007	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000008	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000009	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000010	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000011	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000012	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000013	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000014	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000015	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000016	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000017	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000018	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000019	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000020	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000021	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000022	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000023	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000024	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000025	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000026	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000027	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000028	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000029	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000030	0.0135135135	2.00	6.24	2.30

SRCPARAM	L0000031	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000032	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000033	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000034	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000035	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000036	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000037	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000038	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000039	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000040	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000041	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000042	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000043	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000044	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000045	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000046	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000047	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000048	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000049	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000050	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000051	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000052	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000053	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000054	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000055	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000056	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000057	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000058	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000059	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000060	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000061	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000062	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000063	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000064	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000065	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000066	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000067	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000068	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000069	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000070	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000071	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000072	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000073	0.0135135135	2.00	6.24	2.30
SRCPARAM	L0000074	0.0135135135	2.00	6.24	2.30

\*\*

\*\* LINE VOLUME Source ID = HAWES

SRCPARAM	L0000688	0.25	2.00	8.51	2.30
SRCPARAM	L0000689	0.25	2.00	8.51	2.30
SRCPARAM	L0000690	0.25	2.00	8.51	2.30
SRCPARAM	L0000691	0.25	2.00	8.51	2.30

\*\*

\*\* LINE VOLUME Source ID = HUNT

SRCPARAM	L0000692	0.03125	2.00	6.24	2.30
SRCPARAM	L0000693	0.03125	2.00	6.24	2.30
SRCPARAM	L0000694	0.03125	2.00	6.24	2.30
SRCPARAM	L0000695	0.03125	2.00	6.24	2.30
SRCPARAM	L0000696	0.03125	2.00	6.24	2.30

SRCPARAM	L0000697	0.03125	2.00	6.24	2.30
SRCPARAM	L0000698	0.03125	2.00	6.24	2.30
SRCPARAM	L0000699	0.03125	2.00	6.24	2.30
SRCPARAM	L0000700	0.03125	2.00	6.24	2.30
SRCPARAM	L0000701	0.03125	2.00	6.24	2.30
SRCPARAM	L0000702	0.03125	2.00	6.24	2.30
SRCPARAM	L0000703	0.03125	2.00	6.24	2.30
SRCPARAM	L0000704	0.03125	2.00	6.24	2.30
SRCPARAM	L0000705	0.03125	2.00	6.24	2.30
SRCPARAM	L0000706	0.03125	2.00	6.24	2.30
SRCPARAM	L0000707	0.03125	2.00	6.24	2.30
SRCPARAM	L0000708	0.03125	2.00	6.24	2.30
SRCPARAM	L0000709	0.03125	2.00	6.24	2.30
SRCPARAM	L0000710	0.03125	2.00	6.24	2.30
SRCPARAM	L0000711	0.03125	2.00	6.24	2.30
SRCPARAM	L0000712	0.03125	2.00	6.24	2.30
SRCPARAM	L0000713	0.03125	2.00	6.24	2.30
SRCPARAM	L0000714	0.03125	2.00	6.24	2.30
SRCPARAM	L0000715	0.03125	2.00	6.24	2.30
SRCPARAM	L0000716	0.03125	2.00	6.24	2.30
SRCPARAM	L0000717	0.03125	2.00	6.24	2.30
SRCPARAM	L0000718	0.03125	2.00	6.24	2.30
SRCPARAM	L0000719	0.03125	2.00	6.24	2.30
SRCPARAM	L0000720	0.03125	2.00	6.24	2.30
SRCPARAM	L0000721	0.03125	2.00	6.24	2.30
SRCPARAM	L0000722	0.03125	2.00	6.24	2.30
SRCPARAM	L0000723	0.03125	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = EVANS					
SRCPARAM	L0000724	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000725	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000726	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000727	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000728	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000729	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000730	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000731	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000732	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000733	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000734	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000735	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000736	0.0714285714	2.00	6.24	2.30
SRCPARAM	L0000737	0.0714285714	2.00	6.24	2.30
** -----					
** LINE VOLUME Source ID = JENN					
SRCPARAM	L0000738	0.125	2.00	5.95	2.30
SRCPARAM	L0000739	0.125	2.00	5.95	2.30
SRCPARAM	L0000740	0.125	2.00	5.95	2.30
SRCPARAM	L0000741	0.125	2.00	5.95	2.30
SRCPARAM	L0000742	0.125	2.00	5.95	2.30
SRCPARAM	L0000743	0.125	2.00	5.95	2.30
SRCPARAM	L0000744	0.125	2.00	5.95	2.30
SRCPARAM	L0000745	0.125	2.00	5.95	2.30
** -----					
** LINE VOLUME Source ID = MIDDLE					
SRCPARAM	L0000746	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000747	0.0344827586	2.00	4.82	2.30

SRCPARAM	L0000748	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000749	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000750	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000751	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000752	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000753	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000754	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000755	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000756	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000757	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000758	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000759	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000760	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000761	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000762	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000763	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000764	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000765	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000766	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000767	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000768	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000769	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000770	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000771	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000772	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000773	0.0344827586	2.00	4.82	2.30
SRCPARAM	L0000774	0.0344827586	2.00	4.82	2.30
** -----					
** LINE VOLUME Source ID = GRIFF					
SRCPARAM	L0000775	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000776	0.3333333333	2.00	3.69	2.30
SRCPARAM	L0000777	0.3333333333	2.00	3.69	2.30
** -----					
** LINE VOLUME Source ID = NHUD					
SRCPARAM	L0000778	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000779	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000780	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000781	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000782	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000783	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000784	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000785	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000786	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000787	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000788	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000789	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000790	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000791	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000792	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000793	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000794	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000795	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000796	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000797	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000798	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000799	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000800	0.023255814	2.00	4.96	2.30

SRCPARAM	L0000801	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000802	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000803	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000804	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000805	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000806	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000807	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000808	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000809	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000810	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000811	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000812	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000813	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000814	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000815	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000816	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000817	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000818	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000819	0.023255814	2.00	4.96	2.30
SRCPARAM	L0000820	0.023255814	2.00	4.96	2.30
** -----					
** LINE VOLUME Source ID = ARELI					
SRCPARAM	L0000821	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000822	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000823	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000824	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000825	0.1666666667	2.00	5.67	2.30
SRCPARAM	L0000826	0.1666666667	2.00	5.67	2.30
** -----					
** LINE VOLUME Source ID = EARLN					
SRCPARAM	L0000827	0.025	2.00	3.97	2.30
SRCPARAM	L0000828	0.025	2.00	3.97	2.30
SRCPARAM	L0000829	0.025	2.00	3.97	2.30
SRCPARAM	L0000830	0.025	2.00	3.97	2.30
SRCPARAM	L0000831	0.025	2.00	3.97	2.30
SRCPARAM	L0000832	0.025	2.00	3.97	2.30
SRCPARAM	L0000833	0.025	2.00	3.97	2.30
SRCPARAM	L0000834	0.025	2.00	3.97	2.30
SRCPARAM	L0000835	0.025	2.00	3.97	2.30
SRCPARAM	L0000836	0.025	2.00	3.97	2.30
SRCPARAM	L0000837	0.025	2.00	3.97	2.30
SRCPARAM	L0000838	0.025	2.00	3.97	2.30
SRCPARAM	L0000839	0.025	2.00	3.97	2.30
SRCPARAM	L0000840	0.025	2.00	3.97	2.30
SRCPARAM	L0000841	0.025	2.00	3.97	2.30
SRCPARAM	L0000842	0.025	2.00	3.97	2.30
SRCPARAM	L0000843	0.025	2.00	3.97	2.30
SRCPARAM	L0000844	0.025	2.00	3.97	2.30
SRCPARAM	L0000845	0.025	2.00	3.97	2.30
SRCPARAM	L0000846	0.025	2.00	3.97	2.30
SRCPARAM	L0000847	0.025	2.00	3.97	2.30
SRCPARAM	L0000848	0.025	2.00	3.97	2.30
SRCPARAM	L0000849	0.025	2.00	3.97	2.30
SRCPARAM	L0000850	0.025	2.00	3.97	2.30
SRCPARAM	L0000851	0.025	2.00	3.97	2.30
SRCPARAM	L0000852	0.025	2.00	3.97	2.30
SRCPARAM	L0000853	0.025	2.00	3.97	2.30



SRCPARAM	L0000854	0.025	2.00	3.97	2.30
SRCPARAM	L0000855	0.025	2.00	3.97	2.30
SRCPARAM	L0000856	0.025	2.00	3.97	2.30
SRCPARAM	L0000857	0.025	2.00	3.97	2.30
SRCPARAM	L0000858	0.025	2.00	3.97	2.30
SRCPARAM	L0000859	0.025	2.00	3.97	2.30
SRCPARAM	L0000860	0.025	2.00	3.97	2.30
SRCPARAM	L0000861	0.025	2.00	3.97	2.30
SRCPARAM	L0000862	0.025	2.00	3.97	2.30
SRCPARAM	L0000863	0.025	2.00	3.97	2.30
SRCPARAM	L0000864	0.025	2.00	3.97	2.30
SRCPARAM	L0000865	0.025	2.00	3.97	2.30
SRCPARAM	L0000866	0.025	2.00	3.97	2.30
** -----					
** LINE VOLUME Source ID = DONS					
SRCPARAM	L0000867	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000868	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000869	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000870	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000871	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000872	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000873	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000874	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000875	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000876	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000877	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000878	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000879	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000880	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000881	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000882	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000883	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000884	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000885	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000886	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000887	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000888	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000889	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000890	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000891	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000892	0.037037037	2.00	5.67	2.30
SRCPARAM	L0000893	0.037037037	2.00	5.67	2.30
** -----					
** LINE VOLUME Source ID = GALVEZ					
SRCPARAM	L0000894	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000895	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000896	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000897	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000898	0.1666666667	2.00	11.34	2.30
SRCPARAM	L0000899	0.1666666667	2.00	11.34	2.30
** -----					
** LINE VOLUME Source ID = INNESS					
SRCPARAM	L0000900	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000901	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000902	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000903	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000904	0.0714285714	2.00	5.67	2.30

SRCPARAM	L0000905	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000906	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000907	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000908	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000909	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000910	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000911	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000912	0.0714285714	2.00	5.67	2.30
SRCPARAM	L0000913	0.0714285714	2.00	5.67	2.30
**-----					
**	LINE VOLUME Source ID = HUDSON				
SRCPARAM	L0000914	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000915	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000916	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000917	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000918	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000919	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000920	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000921	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000922	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000923	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000924	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000925	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000926	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000927	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000928	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000929	0.0588235294	2.00	4.54	2.30
SRCPARAM	L0000930	0.0588235294	2.00	4.54	2.30
**-----					
**	LINE VOLUME Source ID = KIRKS				
SRCPARAM	L0000931	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000932	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000933	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000934	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000935	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000936	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000937	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000938	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000939	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000940	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000941	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000942	0.0769230769	2.00	4.54	2.30
SRCPARAM	L0000943	0.0769230769	2.00	4.54	2.30
**-----					
**	LINE VOLUME Source ID = FRIED				
SRCPARAM	L0000944	0.04	2.00	4.54	2.30
SRCPARAM	L0000945	0.04	2.00	4.54	2.30
SRCPARAM	L0000946	0.04	2.00	4.54	2.30
SRCPARAM	L0000947	0.04	2.00	4.54	2.30
SRCPARAM	L0000948	0.04	2.00	4.54	2.30
SRCPARAM	L0000949	0.04	2.00	4.54	2.30
SRCPARAM	L0000950	0.04	2.00	4.54	2.30
SRCPARAM	L0000951	0.04	2.00	4.54	2.30
SRCPARAM	L0000952	0.04	2.00	4.54	2.30
SRCPARAM	L0000953	0.04	2.00	4.54	2.30
SRCPARAM	L0000954	0.04	2.00	4.54	2.30
SRCPARAM	L0000955	0.04	2.00	4.54	2.30

SRCPARAM	L0000956	0.04	2.00	4.54	2.30
SRCPARAM	L0000957	0.04	2.00	4.54	2.30
SRCPARAM	L0000958	0.04	2.00	4.54	2.30
SRCPARAM	L0000959	0.04	2.00	4.54	2.30
SRCPARAM	L0000960	0.04	2.00	4.54	2.30
SRCPARAM	L0000961	0.04	2.00	4.54	2.30
SRCPARAM	L0000962	0.04	2.00	4.54	2.30
SRCPARAM	L0000963	0.04	2.00	4.54	2.30
SRCPARAM	L0000964	0.04	2.00	4.54	2.30
SRCPARAM	L0000965	0.04	2.00	4.54	2.30
SRCPARAM	L0000966	0.04	2.00	4.54	2.30
SRCPARAM	L0000967	0.04	2.00	4.54	2.30
SRCPARAM	L0000968	0.04	2.00	4.54	2.30
**					
** LINE VOLUME Source ID = JERR					
SRCPARAM	L0000969	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000970	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000971	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000972	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000973	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000974	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000975	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000976	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000977	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000978	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000979	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000980	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000981	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000982	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000983	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000984	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000985	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000986	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000987	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000988	0.0476190476	2.00	4.54	2.30
SRCPARAM	L0000989	0.0476190476	2.00	4.54	2.30
**					
** LINE VOLUME Source ID = NORTH					
SRCPARAM	L0000990	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000991	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000992	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000993	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000994	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000995	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000996	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000997	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000998	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0000999	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001000	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001001	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001002	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001003	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001004	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001005	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001006	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001007	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001008	0.0147058824	2.00	4.54	2.30

SRCPARAM	L0001009	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001010	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001011	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001012	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001013	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001014	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001015	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001016	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001017	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001018	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001019	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001020	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001021	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001022	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001023	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001024	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001025	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001026	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001027	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001028	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001029	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001030	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001031	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001032	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001033	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001034	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001035	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001036	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001037	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001038	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001039	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001040	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001041	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001042	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001043	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001044	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001045	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001046	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001047	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001048	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001049	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001050	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001051	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001052	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001053	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001054	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001055	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001056	0.0147058824	2.00	4.54	2.30
SRCPARAM	L0001057	0.0147058824	2.00	4.54	2.30

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\*\* LINE VOLUME Source ID = EARLS

SRCPARAM	L0001058	0.125	2.00	4.54	2.30
SRCPARAM	L0001059	0.125	2.00	4.54	2.30
SRCPARAM	L0001060	0.125	2.00	4.54	2.30
SRCPARAM	L0001061	0.125	2.00	4.54	2.30
SRCPARAM	L0001062	0.125	2.00	4.54	2.30
SRCPARAM	L0001063	0.125	2.00	4.54	2.30

SRCPARAM	L0001064	0.125	2.00	4.54	2.30
SRCPARAM	L0001065	0.125	2.00	4.54	2.30
** -----					
**	LINE VOLUME Source ID = KIRKN				
SRCPARAM	L0001066	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001067	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001068	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001069	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001070	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001071	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001072	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001073	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001074	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001075	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001076	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001077	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001078	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001079	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001080	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001081	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001082	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001083	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001084	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001085	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001086	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001087	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001088	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001089	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001090	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001091	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001092	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001093	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001094	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001095	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001096	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001097	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001098	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001099	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001100	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001101	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001102	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001103	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001104	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001105	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001106	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001107	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001108	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001109	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001110	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001111	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001112	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001113	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001114	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001115	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001116	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001117	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001118	0.0149253731	2.00	4.54	2.30

SRCPARAM	L0001119	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001120	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001121	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001122	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001123	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001124	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001125	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001126	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001127	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001128	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001129	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001130	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001131	0.0149253731	2.00	4.54	2.30
SRCPARAM	L0001132	0.0149253731	2.00	4.54	2.30

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\*\* LINE VOLUME Source ID = INGALLS

SRCPARAM	L0001133	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001134	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001135	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001136	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001137	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001138	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001139	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001140	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001141	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001142	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001143	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001144	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001145	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001146	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001147	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001148	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001149	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001150	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001151	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001152	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001153	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001154	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001155	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001156	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001157	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001158	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001159	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001160	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001161	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001162	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001163	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001164	0.0303030303	2.00	5.10	2.30
SRCPARAM	L0001165	0.0303030303	2.00	5.10	2.30

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\*\* Building Downwash \*\*

BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN1	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN1	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN1	46.63	46.63	46.63	44.20	45.72	45.72

BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN2	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN2	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN2	42.67	22.86	22.86	22.86	42.67	42.67
BUILDHGT	EMGEN3	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN3	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN3	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN3	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	44.20	44.20	22.86	22.86	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN4	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN4	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	42.67	45.72	45.72	45.72	45.72	45.72
BUILDHGT	EMGEN5	21.64	21.64	21.64	22.86	22.86	22.86
BUILDHGT	EMGEN5	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN5	46.63	46.63	46.63	44.20	45.72	45.72
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN6	44.20	44.20	44.20	44.20	44.20	44.20
BUILDHGT	EMGEN6	22.86	42.67	42.67	42.67	42.67	42.67
BUILDHGT	EMGEN6	42.67	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	44.20	44.20	44.20	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	22.86	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN7	22.86	22.86	22.86	4.57	42.67	42.67
BUILDHGT	EMGEN7	42.67	42.67	42.67	42.67	21.64	22.86
BUILDHGT	EMGEN7	22.86	22.86	22.86	22.86	22.86	42.67
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	44.20	44.20	22.86	22.86	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDHGT	EMGEN8	24.69	24.69	23.77	22.86	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	23.77	23.77	23.77
BUILDHGT	EMGEN8	23.77	23.77	23.77	24.69	24.69	24.69
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN1	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN1	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN1	39.59	41.42	42.00	43.61	39.92	37.08

BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	123.48	124.12	42.68	42.68
BUILDWID	EMGEN2	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN2	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN2	41.41	119.09	34.50	34.23	42.68	42.68
BUILDWID	EMGEN3	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN3	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN3	43.98	46.19	46.99	46.37	110.39	112.91
BUILDWID	EMGEN3	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	40.38	41.57	95.46	104.51	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN4	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN4	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN4	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	41.41	40.99	41.90	41.54	39.92	37.08
BUILDWID	EMGEN5	61.11	54.97	47.15	57.89	70.66	81.29
BUILDWID	EMGEN5	92.47	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN5	39.59	41.42	42.00	43.55	39.92	37.08
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	123.48	124.12	120.98	42.74
BUILDWID	EMGEN6	39.19	35.06	29.87	29.79	34.41	37.97
BUILDWID	EMGEN6	69.02	46.19	46.99	46.37	44.33	42.69
BUILDWID	EMGEN6	41.41	119.09	34.50	34.23	32.92	42.74
BUILDWID	EMGEN7	39.19	35.06	29.87	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.21	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN7	103.89	90.45	74.35	7.68	35.66	40.43
BUILDWID	EMGEN7	43.98	46.19	46.99	46.37	109.67	112.91
BUILDWID	EMGEN7	115.86	119.09	123.48	124.12	120.98	42.72
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	40.38	41.57	95.46	104.51	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDWID	EMGEN8	28.57	24.48	22.97	57.52	23.24	27.03
BUILDWID	EMGEN8	29.99	32.05	33.13	33.20	32.27	30.36
BUILDWID	EMGEN8	30.87	31.96	32.07	35.27	34.05	31.79
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLN	EMGEN1	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLN	EMGEN1	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLN	EMGEN1	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11



BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	54.10	69.02	41.57	41.49
BUILDLEN	EMGEN2	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN2	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN2	29.81	58.34	27.03	30.17	41.57	41.49
BUILDLEN	EMGEN3	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN3	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN3	41.54	39.92	38.80	37.03	90.45	74.35
BUILDLEN	EMGEN3	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	44.12	43.79	114.17	103.89	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN4	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN4	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN4	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	29.81	26.57	31.07	34.63	37.14	38.52
BUILDLEN	EMGEN5	52.59	50.35	51.77	97.94	89.85	81.61
BUILDLEN	EMGEN5	70.89	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN5	20.36	24.63	28.15	40.38	37.14	38.52
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN6	40.15	37.84	37.35	39.59	41.42	43.11
BUILDLEN	EMGEN6	124.12	39.92	38.80	37.03	34.14	30.21
BUILDLEN	EMGEN6	29.81	58.34	27.03	30.17	32.40	41.49
BUILDLEN	EMGEN7	40.15	37.84	37.35	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	37.32	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN7	104.51	110.39	112.91	7.76	40.99	41.90
BUILDLEN	EMGEN7	41.54	39.92	38.80	37.03	121.85	74.35
BUILDLEN	EMGEN7	63.58	58.34	54.10	69.02	83.51	41.49
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	44.12	43.79	114.17	103.89	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
BUILDLEN	EMGEN8	37.01	35.80	30.36	47.88	31.96	32.07
BUILDLEN	EMGEN8	31.21	29.40	26.70	23.19	20.69	19.68
BUILDLEN	EMGEN8	18.74	23.24	27.03	33.90	36.04	37.09
XBADJ	EMGEN1	-47.54	-51.45	-53.79	-22.12	-13.00	-6.06
XBADJ	EMGEN1	1.06	8.16	15.00	21.39	27.13	32.04
XBADJ	EMGEN1	33.01	30.04	26.16	21.48	16.15	10.33
XBADJ	EMGEN1	-5.05	1.09	2.02	-75.82	-76.85	-75.55
XBADJ	EMGEN1	-71.96	-48.07	-53.80	-58.42	-61.27	-62.25
XBADJ	EMGEN1	-137.38	-143.28	-144.82	-151.53	-53.29	-48.85
XBADJ	EMGEN2	-81.78	-83.55	-82.79	-83.37	-82.21	-78.56
XBADJ	EMGEN2	-72.53	-93.15	-97.43	-98.75	-97.06	-92.43

XBADJ	EMGEN2	-87.96	-1.41	-0.95	-6.88	29.34	36.03
XBADJ	EMGEN2	41.63	45.72	45.44	43.78	40.79	35.46
XBADJ	EMGEN2	-51.59	53.24	58.63	61.71	62.92	62.22
XBADJ	EMGEN2	58.16	-56.93	-132.50	-135.70	-70.91	-77.52
XBADJ	EMGEN3	-121.76	-121.70	-117.94	-5.55	-90.36	-96.60
XBADJ	EMGEN3	-99.91	-100.18	-97.41	-91.68	-15.23	5.19
XBADJ	EMGEN3	21.51	29.70	34.22	31.28	27.38	76.63
XBADJ	EMGEN3	17.25	11.31	5.03	-2.21	49.37	54.70
XBADJ	EMGEN3	58.37	60.27	58.61	54.64	-75.23	-79.55
XBADJ	EMGEN3	-85.09	-88.04	-88.32	-100.29	-110.89	-118.12
XBADJ	EMGEN4	-75.36	-74.08	-16.67	-64.87	-22.50	-24.79
XBADJ	EMGEN4	-228.73	-229.48	-223.26	-210.26	-24.39	-21.95
XBADJ	EMGEN4	-19.49	-21.01	-21.89	31.75	35.04	37.26
XBADJ	EMGEN4	38.35	38.28	-13.68	16.99	-9.46	-7.28
XBADJ	EMGEN4	-4.88	-2.33	0.29	2.90	3.70	2.27
XBADJ	EMGEN4	0.75	-2.23	-5.13	-65.65	-71.08	-74.35
XBADJ	EMGEN5	-47.75	-51.40	-53.49	-21.57	-12.22	-5.08
XBADJ	EMGEN5	2.22	9.45	16.40	22.85	28.60	33.48
XBADJ	EMGEN5	34.38	31.29	27.25	22.39	16.85	10.79
XBADJ	EMGEN5	-4.84	1.05	1.72	-76.37	-77.63	-76.54
XBADJ	EMGEN5	-73.12	-49.37	-55.20	-59.88	-62.74	-63.69
XBADJ	EMGEN5	-138.75	-144.53	-145.92	-152.44	-53.99	-49.31
XBADJ	EMGEN6	-82.62	-84.67	-84.15	-84.93	-83.93	-80.38
XBADJ	EMGEN6	-74.39	-95.01	-99.22	-100.42	-98.56	-93.71
XBADJ	EMGEN6	-88.99	-2.15	-1.38	-6.99	-12.38	36.57
XBADJ	EMGEN6	42.47	46.84	46.80	45.34	42.51	37.28
XBADJ	EMGEN6	-49.72	55.09	60.42	63.38	64.42	63.50
XBADJ	EMGEN6	59.18	-56.19	-132.07	-135.60	-135.00	-78.06
XBADJ	EMGEN7	-122.45	-122.62	-119.05	-6.83	-91.76	-98.09
XBADJ	EMGEN7	-101.43	-101.69	-98.86	-93.03	-87.54	4.16
XBADJ	EMGEN7	20.69	29.11	33.88	31.20	27.58	77.08
XBADJ	EMGEN7	17.94	12.23	6.14	-0.94	50.77	56.18
XBADJ	EMGEN7	59.89	61.77	60.06	55.99	-208.19	-78.52
XBADJ	EMGEN7	-84.27	-87.46	-87.99	-100.22	-111.08	-118.57
XBADJ	EMGEN8	-76.93	-75.78	-18.46	-66.68	-24.28	-26.49
XBADJ	EMGEN8	-230.29	-230.86	-224.42	-211.16	-25.01	-22.26
XBADJ	EMGEN8	-19.49	-20.69	-21.27	32.66	36.20	38.65
XBADJ	EMGEN8	39.92	39.98	-11.90	18.80	-7.68	-5.58
XBADJ	EMGEN8	-3.31	-0.95	1.45	3.80	4.32	2.58
XBADJ	EMGEN8	0.74	-2.55	-5.76	-66.56	-72.25	-75.74
YBADJ	EMGEN1	36.12	32.94	28.76	-33.87	-30.37	-25.95
YBADJ	EMGEN1	-19.22	-39.24	-33.82	-27.38	-20.10	-11.34
YBADJ	EMGEN1	-1.41	7.50	14.89	21.83	28.11	33.54
YBADJ	EMGEN1	-36.12	-32.94	-28.76	33.87	30.37	25.95
YBADJ	EMGEN1	19.22	39.24	33.82	27.38	20.10	11.34
YBADJ	EMGEN1	32.83	10.22	-12.70	-36.64	-28.11	-33.54
YBADJ	EMGEN2	22.66	11.60	0.19	-10.95	-22.06	-32.49
YBADJ	EMGEN2	-27.63	33.67	20.38	6.48	-7.61	-20.61
YBADJ	EMGEN2	-32.16	-22.67	-16.82	-10.47	-42.39	-33.02

YBADJ	EMGEN2	-22.66	-11.60	-0.19	10.95	22.06	32.49
YBADJ	EMGEN2	27.63	-33.67	-20.38	-6.48	7.61	20.61
YBADJ	EMGEN2	32.16	22.67	19.61	-1.38	42.39	33.02
YBADJ	EMGEN3	15.59	-2.31	-20.13	-3.82	34.81	21.62
YBADJ	EMGEN3	7.77	-6.32	-20.22	-33.50	-66.50	-61.48
YBADJ	EMGEN3	-56.53	-48.75	-37.11	-24.34	-10.82	-33.00
YBADJ	EMGEN3	16.76	30.00	42.37	3.82	-34.81	-21.62
YBADJ	EMGEN3	-7.77	6.32	20.22	33.50	66.50	61.48
YBADJ	EMGEN3	56.53	48.75	37.11	24.34	10.82	33.00
YBADJ	EMGEN4	0.45	-9.15	10.47	-9.60	9.39	8.38
YBADJ	EMGEN4	23.52	-12.78	-21.70	-50.93	0.36	-1.50
YBADJ	EMGEN4	-4.09	-6.52	-8.76	-28.03	-19.33	-10.04
YBADJ	EMGEN4	-0.45	9.15	-10.47	9.60	-9.39	-8.38
YBADJ	EMGEN4	-7.11	-5.63	-3.97	-2.20	-0.36	1.50
YBADJ	EMGEN4	4.09	6.52	8.76	28.03	19.33	10.04
YBADJ	EMGEN5	34.66	31.47	27.32	-35.24	-31.62	-27.04
YBADJ	EMGEN5	-20.14	-39.94	-34.28	-27.59	-20.06	-11.04
YBADJ	EMGEN5	-0.87	8.27	15.87	22.99	29.41	34.94
YBADJ	EMGEN5	-34.66	-31.47	-27.32	35.24	31.62	27.04
YBADJ	EMGEN5	20.14	39.94	34.28	27.59	20.06	11.04
YBADJ	EMGEN5	32.28	9.44	-13.68	-37.80	-29.41	-34.94
YBADJ	EMGEN6	24.33	13.10	1.47	-9.92	-21.32	-32.07
YBADJ	EMGEN6	-27.52	33.45	19.84	5.64	-8.73	-21.98
YBADJ	EMGEN6	-33.72	-24.39	-18.64	-12.33	-5.65	-34.81
YBADJ	EMGEN6	-24.33	-13.10	-1.47	9.92	21.32	32.07
YBADJ	EMGEN6	27.52	-33.45	-19.84	-5.64	8.73	21.98
YBADJ	EMGEN6	33.72	24.39	21.43	0.49	-20.48	34.81
YBADJ	EMGEN7	16.94	-1.10	-19.10	-3.00	35.40	21.95
YBADJ	EMGEN7	7.84	-6.51	-20.67	-34.19	-14.24	-62.60
YBADJ	EMGEN7	-57.80	-50.15	-38.59	-25.85	-12.33	-34.45
YBADJ	EMGEN7	15.41	28.79	41.34	3.00	-35.40	-21.95
YBADJ	EMGEN7	-7.84	6.51	20.67	34.19	44.50	62.60
YBADJ	EMGEN7	57.80	50.15	38.59	25.85	12.33	34.45
YBADJ	EMGEN8	1.35	-8.54	10.78	-9.60	9.07	7.76
YBADJ	EMGEN8	22.61	-13.95	-23.09	-52.50	-1.35	-3.28
YBADJ	EMGEN8	-5.90	-8.30	-10.46	-29.60	-20.71	-11.21
YBADJ	EMGEN8	-1.35	8.54	-10.78	9.60	-9.07	-7.76
YBADJ	EMGEN8	-6.20	-4.46	-2.58	-0.63	1.35	3.28
YBADJ	EMGEN8	5.90	8.30	10.46	29.60	20.71	11.20
SRCGROUP	EMGEN1	EMGEN1					
SRCGROUP	EMGEN2	EMGEN2					
SRCGROUP	EMGEN3	EMGEN3					
SRCGROUP	EMGEN4	EMGEN4					
SRCGROUP	EMGEN5	EMGEN5					
SRCGROUP	EMGEN6	EMGEN6					
SRCGROUP	EMGEN7	EMGEN7					
SRCGROUP	EMGEN8	EMGEN8					
SRCGROUP	INNESN	L0000001	L0000002	L0000003	L0000004	L0000005	L0000006
SRCGROUP	INNESN	L0000007	L0000008	L0000009	L0000010	L0000011	L0000012
SRCGROUP	INNESN	L0000013	L0000014	L0000015	L0000016	L0000017	L0000018

SRCGROUP	INNESN	L0000019	L0000020	L0000021	L0000022	L0000023	L0000024
SRCGROUP	INNESN	L0000025	L0000026	L0000027	L0000028	L0000029	L0000030
SRCGROUP	INNESN	L0000031	L0000032	L0000033	L0000034	L0000035	L0000036
SRCGROUP	INNESN	L0000037	L0000038	L0000039	L0000040	L0000041	L0000042
SRCGROUP	INNESN	L0000043	L0000044	L0000045	L0000046	L0000047	L0000048
SRCGROUP	INNESN	L0000049	L0000050	L0000051	L0000052	L0000053	L0000054
SRCGROUP	INNESN	L0000055	L0000056	L0000057	L0000058	L0000059	L0000060
SRCGROUP	INNESN	L0000061	L0000062	L0000063	L0000064	L0000065	L0000066
SRCGROUP	INNESN	L0000067	L0000068	L0000069	L0000070	L0000071	L0000072
SRCGROUP	INNESN	L0000073	L0000074				
SRCGROUP	HAWES	L0000688	L0000689	L0000690	L0000691		
SRCGROUP	HUNT	L0000692	L0000693	L0000694	L0000695	L0000696	L0000697
SRCGROUP	HUNT	L0000698	L0000699	L0000700	L0000701	L0000702	L0000703
SRCGROUP	HUNT	L0000704	L0000705	L0000706	L0000707	L0000708	L0000709
SRCGROUP	HUNT	L0000710	L0000711	L0000712	L0000713	L0000714	L0000715
SRCGROUP	HUNT	L0000716	L0000717	L0000718	L0000719	L0000720	L0000721
SRCGROUP	HUNT	L0000722	L0000723				
SRCGROUP	EVANS	L0000724	L0000725	L0000726	L0000727	L0000728	L0000729
SRCGROUP	EVANS	L0000730	L0000731	L0000732	L0000733	L0000734	L0000735
SRCGROUP	EVANS	L0000736	L0000737				
SRCGROUP	JENN	L0000738	L0000739	L0000740	L0000741	L0000742	L0000743
SRCGROUP	JENN	L0000744	L0000745				
SRCGROUP	MIDDLE	L0000746	L0000747	L0000748	L0000749	L0000750	L0000751
SRCGROUP	MIDDLE	L0000752	L0000753	L0000754	L0000755	L0000756	L0000757
SRCGROUP	MIDDLE	L0000758	L0000759	L0000760	L0000761	L0000762	L0000763
SRCGROUP	MIDDLE	L0000764	L0000765	L0000766	L0000767	L0000768	L0000769
SRCGROUP	MIDDLE	L0000770	L0000771	L0000772	L0000773	L0000774	
SRCGROUP	GRIFF	L0000775	L0000776	L0000777			
SRCGROUP	NHUD	L0000778	L0000779	L0000780	L0000781	L0000782	L0000783
SRCGROUP	NHUD	L0000784	L0000785	L0000786	L0000787	L0000788	L0000789
SRCGROUP	NHUD	L0000790	L0000791	L0000792	L0000793	L0000794	L0000795
SRCGROUP	NHUD	L0000796	L0000797	L0000798	L0000799	L0000800	L0000801
SRCGROUP	NHUD	L0000802	L0000803	L0000804	L0000805	L0000806	L0000807
SRCGROUP	NHUD	L0000808	L0000809	L0000810	L0000811	L0000812	L0000813
SRCGROUP	NHUD	L0000814	L0000815	L0000816	L0000817	L0000818	L0000819
SRCGROUP	NHUD	L0000820					
SRCGROUP	ARELI	L0000821	L0000822	L0000823	L0000824	L0000825	L0000826
SRCGROUP	EARLN	L0000827	L0000828	L0000829	L0000830	L0000831	L0000832
SRCGROUP	EARLN	L0000833	L0000834	L0000835	L0000836	L0000837	L0000838
SRCGROUP	EARLN	L0000839	L0000840	L0000841	L0000842	L0000843	L0000844
SRCGROUP	EARLN	L0000845	L0000846	L0000847	L0000848	L0000849	L0000850
SRCGROUP	EARLN	L0000851	L0000852	L0000853	L0000854	L0000855	L0000856
SRCGROUP	EARLN	L0000857	L0000858	L0000859	L0000860	L0000861	L0000862
SRCGROUP	EARLN	L0000863	L0000864	L0000865	L0000866		
SRCGROUP	DONS	L0000867	L0000868	L0000869	L0000870	L0000871	L0000872
SRCGROUP	DONS	L0000873	L0000874	L0000875	L0000876	L0000877	L0000878
SRCGROUP	DONS	L0000879	L0000880	L0000881	L0000882	L0000883	L0000884
SRCGROUP	DONS	L0000885	L0000886	L0000887	L0000888	L0000889	L0000890
SRCGROUP	DONS	L0000891	L0000892	L0000893			
SRCGROUP	GALVEZ	L0000894	L0000895	L0000896	L0000897	L0000898	L0000899
SRCGROUP	INNESS	L0000900	L0000901	L0000902	L0000903	L0000904	L0000905
SRCGROUP	INNESS	L0000906	L0000907	L0000908	L0000909	L0000910	L0000911
SRCGROUP	INNESS	L0000912	L0000913				
SRCGROUP	HUDSON	L0000914	L0000915	L0000916	L0000917	L0000918	L0000919
SRCGROUP	HUDSON	L0000920	L0000921	L0000922	L0000923	L0000924	L0000925
SRCGROUP	HUDSON	L0000926	L0000927	L0000928	L0000929	L0000930	
SRCGROUP	KIRKS	L0000931	L0000932	L0000933	L0000934	L0000935	L0000936

SRCGROUP	KIRKS	L0000937	L0000938	L0000939	L0000940	L0000941	L0000942
SRCGROUP	KIRKS	L0000943					
SRCGROUP	FRIED	L0000944	L0000945	L0000946	L0000947	L0000948	L0000949
SRCGROUP	FRIED	L0000950	L0000951	L0000952	L0000953	L0000954	L0000955
SRCGROUP	FRIED	L0000956	L0000957	L0000958	L0000959	L0000960	L0000961
SRCGROUP	FRIED	L0000962	L0000963	L0000964	L0000965	L0000966	L0000967
SRCGROUP	FRIED	L0000968					
SRCGROUP	JERR	L0000969	L0000970	L0000971	L0000972	L0000973	L0000974
SRCGROUP	JERR	L0000975	L0000976	L0000977	L0000978	L0000979	L0000980
SRCGROUP	JERR	L0000981	L0000982	L0000983	L0000984	L0000985	L0000986
SRCGROUP	JERR	L0000987	L0000988	L0000989			
SRCGROUP	NORTH	L0000990	L0000991	L0000992	L0000993	L0000994	L0000995
SRCGROUP	NORTH	L0000996	L0000997	L0000998	L0000999	L0001000	L0001001
SRCGROUP	NORTH	L0001002	L0001003	L0001004	L0001005	L0001006	L0001007
SRCGROUP	NORTH	L0001008	L0001009	L0001010	L0001011	L0001012	L0001013
SRCGROUP	NORTH	L0001014	L0001015	L0001016	L0001017	L0001018	L0001019
SRCGROUP	NORTH	L0001020	L0001021	L0001022	L0001023	L0001024	L0001025
SRCGROUP	NORTH	L0001026	L0001027	L0001028	L0001029	L0001030	L0001031
SRCGROUP	NORTH	L0001032	L0001033	L0001034	L0001035	L0001036	L0001037
SRCGROUP	NORTH	L0001038	L0001039	L0001040	L0001041	L0001042	L0001043
SRCGROUP	NORTH	L0001044	L0001045	L0001046	L0001047	L0001048	L0001049
SRCGROUP	NORTH	L0001050	L0001051	L0001052	L0001053	L0001054	L0001055
SRCGROUP	NORTH	L0001056	L0001057				
SRCGROUP	EARLS	L0001058	L0001059	L0001060	L0001061	L0001062	L0001063
SRCGROUP	EARLS	L0001064	L0001065				
SRCGROUP	KIRKN	L0001066	L0001067	L0001068	L0001069	L0001070	L0001071
SRCGROUP	KIRKN	L0001072	L0001073	L0001074	L0001075	L0001076	L0001077
SRCGROUP	KIRKN	L0001078	L0001079	L0001080	L0001081	L0001082	L0001083
SRCGROUP	KIRKN	L0001084	L0001085	L0001086	L0001087	L0001088	L0001089
SRCGROUP	KIRKN	L0001090	L0001091	L0001092	L0001093	L0001094	L0001095
SRCGROUP	KIRKN	L0001096	L0001097	L0001098	L0001099	L0001100	L0001101
SRCGROUP	KIRKN	L0001102	L0001103	L0001104	L0001105	L0001106	L0001107
SRCGROUP	KIRKN	L0001108	L0001109	L0001110	L0001111	L0001112	L0001113
SRCGROUP	KIRKN	L0001114	L0001115	L0001116	L0001117	L0001118	L0001119
SRCGROUP	KIRKN	L0001120	L0001121	L0001122	L0001123	L0001124	L0001125
SRCGROUP	KIRKN	L0001126	L0001127	L0001128	L0001129	L0001130	L0001131
SRCGROUP	KIRKN	L0001132					
SRCGROUP	INGALLS	L0001133	L0001134	L0001135	L0001136	L0001137	L0001138
SRCGROUP	INGALLS	L0001139	L0001140	L0001141	L0001142	L0001143	L0001144
SRCGROUP	INGALLS	L0001145	L0001146	L0001147	L0001148	L0001149	L0001150
SRCGROUP	INGALLS	L0001151	L0001152	L0001153	L0001154	L0001155	L0001156
SRCGROUP	INGALLS	L0001157	L0001158	L0001159	L0001160	L0001161	L0001162
SRCGROUP	INGALLS	L0001163	L0001164	L0001165			

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED PRECON.ROU

RE FINISHED

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\*\* AERMOD Meteorology Pathway

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ME STARTING

SURFFILE mission\_bay\_2008.SFC

PROFFILE mission\_bay\_2008.PFL

SURFDATA 23234 2008

UAIRDATA 23230 2008

PROFBASE 2.0 METERS

ME FINISHED

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\*\* AERMOD Output Pathway

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OU STARTING

OU RECTABLE ALLAVE 1

PLOTFILE 1 EMGEN1 1ST Plots\EMGEN1\_1hr\_OpseEV.PLT

PLOTFILE 1 EMGEN2 1ST Plots\EMGEN2\_1hr\_OpseEV.PLT

PLOTFILE 1 EMGEN3 1ST Plots\EMGEN3\_1hr\_OpseEV.PLT

PLOTFILE 1 EMGEN4 1ST Plots\EMGEN4\_1hr\_OpseEV.PLT

PLOTFILE 1 EMGEN5 1ST Plots\EMGEN5\_1hr\_OpseEV.PLT

PLOTFILE 1 EMGEN6 1ST Plots\EMGEN6\_1hr\_OpseEV.PLT

PLOTFILE 1 EMGEN7 1ST Plots\EMGEN7\_1hr\_OpseEV.PLT

PLOTFILE 1 EMGEN8 1ST Plots\EMGEN8\_1hr\_OpseEV.PLT

PLOTFILE 1 INNESN 1ST Plots\INNESN\_1hr\_OpseEV.PLT

PLOTFILE 1 HAWES 1ST Plots\HAWES\_1hr\_OpseEV.PLT

PLOTFILE 1 HUNT 1ST Plots\HUNT\_1hr\_OpseEV.PLT

PLOTFILE 1 EVANS 1ST Plots\EVANS\_1hr\_OpseEV.PLT

PLOTFILE 1 JENN 1ST Plots\JENN\_1hr\_OpseEV.PLT

PLOTFILE 1 MIDDLE 1ST Plots\MIDDLE\_1hr\_OpseEV.PLT

PLOTFILE 1 GRIFF 1ST Plots\GRIFF\_1hr\_OpseEV.PLT

PLOTFILE 1 NHUD 1ST Plots\NHUD\_1hr\_OpseEV.PLT

PLOTFILE 1 ARELI 1ST Plots\ARELI\_1hr\_OpseEV.PLT

PLOTFILE 1 EARLN 1ST Plots\EARLN\_1hr\_OpseEV.PLT

PLOTFILE 1 DONS 1ST Plots\DONS\_1hr\_OpseEV.PLT

PLOTFILE 1 GALVEZ 1ST Plots\GALVEZ\_1hr\_OpseEV.PLT

PLOTFILE 1 INNESS 1ST Plots\INNESS\_1hr\_OpseEV.PLT

PLOTFILE 1 HUDSON 1ST Plots\HUDSON\_1hr\_OpseEV.PLT

PLOTFILE 1 KIRKS 1ST Plots\KIRKS\_1hr\_OpseEV.PLT

PLOTFILE 1 FRIED 1ST Plots\FRIED\_1hr\_OpseEV.PLT

PLOTFILE 1 JERR 1ST Plots\JERR\_1hr\_OpseEV.PLT

PLOTFILE 1 NORTH 1ST Plots\NORTH\_1hr\_OpseEV.PLT

PLOTFILE 1 EARLS 1ST Plots\EARLS\_1hr\_OpseEV.PLT

PLOTFILE 1 KIRKN 1ST Plots\KIRKN\_1hr\_OpseEV.PLT

PLOTFILE 1 INGALLS 1ST Plots\INGALLS\_1hr\_OpseEV.PLT

PLOTFILE PERIOD EMGEN1 Plots\EMGEN1\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EMGEN2 Plots\EMGEN2\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EMGEN3 Plots\EMGEN3\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EMGEN4 Plots\EMGEN4\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EMGEN5 Plots\EMGEN5\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EMGEN6 Plots\EMGEN6\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EMGEN7 Plots\EMGEN7\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EMGEN8 Plots\EMGEN8\_Ann\_OpseEV.PLT

PLOTFILE PERIOD INNESN Plots\INNESN\_Ann\_OpseEV.PLT

PLOTFILE PERIOD HAWES Plots\HAWES\_Ann\_OpseEV.PLT

PLOTFILE PERIOD HUNT Plots\HUNT\_Ann\_OpseEV.PLT

PLOTFILE PERIOD EVANS Plots\EVANS\_Ann\_OpsEV.PLT  
PLOTFILE PERIOD JENN Plots\JENN\_Ann\_OpsEV.PLT  
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PLOTFILE PERIOD EARLN Plots\EARLN\_Ann\_OpsEV.PLT  
PLOTFILE PERIOD DONS Plots\DONS\_Ann\_OpsEV.PLT  
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PLOTFILE PERIOD INNESS Plots\INNESS\_Ann\_OpsEV.PLT  
PLOTFILE PERIOD HUDSON Plots\HUDSON\_Ann\_OpsEV.PLT  
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PLOTFILE PERIOD EARLS Plots\EARLS\_Ann\_OpsEV.PLT  
PLOTFILE PERIOD KIRKN Plots\KIRKN\_Ann\_OpsEV.PLT  
PLOTFILE PERIOD INGALLS Plots\INGALLS\_Ann\_OpsEV.PLT

OU FINISHED

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\*\* Project Parameters

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\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM North American Datum 1983  
\*\* DTMRGN CONUS  
\*\* UNITS m  
\*\* ZONE 10  
\*\* ZONEINX 0  
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GRADE	0	0	9901 DieselExhPM	1	15.46	0	1
Phase1C1	0	0	9901 DieselExhPM	1	2.0116	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.6687	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.1516	0	1
Phase1C4	0	0	9901 DieselExhPM	1	0.7272	0	1
Phase1C5	0	0	9901 DieselExhPM	1	0.6914	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.417	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.2261	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.2167	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.1697	0	1
CONST	0	0	9901 DieselExhPM	1	68.62	0	1
CONST	0	0	75070 Acetaldehyde	1	0.04312	0	1
CONST	0	0	71432 Benzene	1	0.38038	0	1
CONST	0	0	106990 1,3-Butadiene	1	0.0847	0	1
CONST	0	0	100414 Ethyl benzene	1	0.1617	0	1
CONST	0	0	50000 Formaldehyde	1	0.24332	0	1
CONST	0	0	91203 Naphthalene	1	0.0077	0	1



GRADE	0	0	9901 DieselExhPM	1	15.46	0	1
Phase1C1	0	0	9901 DieselExhPM	1	1.6744	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.3719	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.1302	0	1
Phase1C4	0	0	9901 DieselExhPM	1	1.1415	0	1
Phase1C5	0	0	9901 DieselExhPM	1	1.4363	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.1941	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.186	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.1457	0	1
CONST	0	0	9901 DieselExhPM	1	68.62	0	1
CONST	0	0	75070 Acetaldehyde	1	0.04312	0	1
CONST	0	0	71432 Benzene	1	0.38038	0	1
CONST	0	0	106990 1,3-Butadiene	1	0.0847	0	1
CONST	0	0	100414 Ethyl benzene	1	0.1617	0	1
CONST	0	0	50000 Formaldehyde	1	0.24332	0	1
CONST	0	0	91203 Naphthalene	1	0.0077	0	1

GRADE	0	0	9901 DieselExhPM	1	5.18	0	1
Phase1C1	0	0	9901 DieselExhPM	1	5.4175	0	1
Phase1C2	0	0	9901 DieselExhPM	1	1.8008	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.4084	0	1
Phase1C4	0	0	9901 DieselExhPM	1	1.9585	0	1
Phase1C5	0	0	9901 DieselExhPM	1	1.8621	0	1
Phase1C6	0	0	9901 DieselExhPM	1	1.1231	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.6089	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.5837	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.457	0	1
RPD1	0	0	9901 DieselExhPM	1	18.7523	0	1
PILE	0	0	9901 DieselExhPM	1	0.559	0	1
CONST	0	0	9901 DieselExhPM	1	86.22	0	1
CONST	0	0	75070 Acetaldehyde	1	3.111976	0	1
CONST	0	0	71432 Benzene	1	27.45207	0	1
CONST	0	0	106990 1,3-Butadiene	1	6.11281	0	1
CONST	0	0	100414 Ethyl benzene	1	11.66991	0	1
CONST	0	0	50000 Formaldehyde	1	17.56044	0	1
CONST	0	0	91203 Naphthalene	1	0.55571	0	1

GRADE	0	0	9901 DieselExhPM	1	5.18	0	1
Phase1C1	0	0	9901 DieselExhPM	1	4.5285	0	1
Phase1C2	0	0	9901 DieselExhPM	1	1.0058	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.352	0	1
Phase1C4	0	0	9901 DieselExhPM	1	3.0873	0	1
Phase1C5	0	0	9901 DieselExhPM	1	3.8845	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.5248	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.5031	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.3939	0	1
RPD1	0	0	9901 DieselExhPM	1	18.7523	0	1
PILE	0	0	9901 DieselExhPM	1	0.559	0	1
CONST	0	0	9901 DieselExhPM	1	97.42	0	1
CONST	0	0	75070 Acetaldehyde	1	2.144464	0	1
CONST	0	0	71432 Benzene	1	18.91724	0	1
CONST	0	0	106990 1,3-Butadiene	1	4.21234	0	1
CONST	0	0	100414 Ethyl benzene	1	8.04174	0	1
CONST	0	0	50000 Formaldehyde	1	12.1009	0	1
CONST	0	0	91203 Naphthalene	1	0.38294	0	1

Phase1C1	0	0	9901 DieselExhPM	1	5.2499	0	1
Phase1C2	0	0	9901 DieselExhPM	1	1.7451	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.3958	0	1
Phase1C4	0	0	9901 DieselExhPM	1	1.8979	0	1
Phase1C5	0	0	9901 DieselExhPM	1	1.8045	0	1
Phase1C6	0	0	9901 DieselExhPM	1	1.0884	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.59	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.5656	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.4429	0	1
BIGGRN	0	0	9901 DieselExhPM	1	6.5	0	1
SHORE	0	0	9901 DieselExhPM	1	3.4517	0	1
RPD2	0	0	9901 DieselExhPM	1	13.92	0	1
PILE	0	0	9901 DieselExhPM	1	2.5374	0	1
Phase2C1	0	0	9901 DieselExhPM	1	0.3453	0	1
Phase2C2	0	0	9901 DieselExhPM	1	0.2202	0	1
Phase2C3	0	0	9901 DieselExhPM	1	0.8285	0	1
Phase2C4	0	0	9901 DieselExhPM	1	0.2761	0	1
Phase2C5	0	0	9901 DieselExhPM	1	0.3236	0	1
Phase2C6	0	0	9901 DieselExhPM	1	0.2888	0	1
Phase2C7	0	0	9901 DieselExhPM	1	0.5775	0	1
CONST	0	0	9901 DieselExhPM	1	39.24	0	1
CONST	0	0	75070 Acetaldehyde	1	2.708944	0	1
CONST	0	0	71432 Benzene	1	23.89676	0	1
CONST	0	0	106990 1,3-Butadiene	1	5.32114	0	1
CONST	0	0	100414 Ethyl benzene	1	10.15854	0	1
CONST	0	0	50000 Formaldehyde	1	15.28618	0	1
CONST	0	0	91203 Naphthalene	1	0.48374	0	1

Phase1C1	0	0	9901 DieselExhPM	1	4.0908	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.9086	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.318	0	1
Phase1C4	0	0	9901 DieselExhPM	1	2.7889	0	1
Phase1C5	0	0	9901 DieselExhPM	1	3.5091	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.4741	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.4545	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.3559	0	1
BIGGRN	0	0	9901 DieselExhPM	1	6.5	0	1
SHORE	0	0	9901 DieselExhPM	1	3.4517	0	1
RPD2	0	0	9901 DieselExhPM	1	13.92	0	1
PILE	0	0	9901 DieselExhPM	1	2.5374	0	1
Phase2C1	0	0	9901 DieselExhPM	1	0.3453	0	1
Phase2C2	0	0	9901 DieselExhPM	1	0.2202	0	1
Phase2C3	0	0	9901 DieselExhPM	1	0.8285	0	1
Phase2C4	0	0	9901 DieselExhPM	1	0.2761	0	1
Phase2C5	0	0	9901 DieselExhPM	1	0.3236	0	1
Phase2C6	0	0	9901 DieselExhPM	1	0.2888	0	1
Phase2C7	0	0	9901 DieselExhPM	1	0.5775	0	1
CONST	0	0	9901 DieselExhPM	1	44.04	0	1
CONST	0	0	75070 Acetaldehyde	1	1.815856	0	1
CONST	0	0	71432 Benzene	1	16.01844	0	1
CONST	0	0	106990 1,3-Butadiene	1	3.56686	0	1
CONST	0	0	100414 Ethyl benzene	1	6.80946	0	1
CONST	0	0	50000 Formaldehyde	1	10.24662	0	1
CONST	0	0	91203 Naphthalene	1	0.32426	0	1

Phase1C1	0	0	9901 DieselExhPM	1	0.0381	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.0127	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.0029	0	1
Phase1C4	0	0	9901 DieselExhPM	1	0.0138	0	1
Phase1C5	0	0	9901 DieselExhPM	1	0.0131	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.0079	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.0043	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.0041	0	1
Phase1C9	0	0	9901 DieselExhPM	1	0.0032	0	1
BIGGRN	0	0	9901 DieselExhPM	1	3.34	0	1
SHORE	0	0	9901 DieselExhPM	1	8.9552	0	1
Phase2C1	0	0	9901 DieselExhPM	1	1.6973	0	1
Phase2C2	0	0	9901 DieselExhPM	1	1.0826	0	1
Phase2C3	0	0	9901 DieselExhPM	1	4.0728	0	1
Phase2C4	0	0	9901 DieselExhPM	1	1.3576	0	1
Phase2C5	0	0	9901 DieselExhPM	1	1.5910	0	1
Phase2C6	0	0	9901 DieselExhPM	1	1.4196	0	1
Phase2C7	0	0	9901 DieselExhPM	1	2.8390	0	1
BEACH	0	0	9901 DieselExhPM	1	1.8400	0	1
EMGEN1	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
CONST	0	0	9901 DieselExhPM	1	5.2	0	1
CONST	0	0	75070 Acetaldehyde	1	1.177904	0	1
CONST	0	0	71432 Benzene	1	10.3908	0	1
CONST	0	0	106990 1,3-Butadiene	1	2.31374	0	1
CONST	0	0	100414 Ethyl benzene	1	4.41714	0	1
CONST	0	0	50000 Formaldehyde	1	6.646744	0	1
CONST	0	0	91203 Naphthalene	1	0.21034	0	1

Phase1C1	0	0	9901 DieselExhPM	1	0.0317	0	1
Phase1C2	0	0	9901 DieselExhPM	1	0.007	0	1
Phase1C3	0	0	9901 DieselExhPM	1	0.0025	0	1
Phase1C4	0	0	9901 DieselExhPM	1	0.0216	0	1
Phase1C5	0	0	9901 DieselExhPM	1	0.0272	0	1
Phase1C6	0	0	9901 DieselExhPM	1	0.0037	0	1
Phase1C7	0	0	9901 DieselExhPM	1	0.0035	0	1
Phase1C8	0	0	9901 DieselExhPM	1	0.0028	0	1
BIGGRN	0	0	9901 DieselExhPM	1	3.34	0	1
SHORE	0	0	9901 DieselExhPM	1	8.9552	0	1
Phase2C1	0	0	9901 DieselExhPM	1	1.6973	0	1
Phase2C2	0	0	9901 DieselExhPM	1	1.0826	0	1
Phase2C3	0	0	9901 DieselExhPM	1	4.0728	0	1
Phase2C4	0	0	9901 DieselExhPM	1	1.3576	0	1
Phase2C5	0	0	9901 DieselExhPM	1	1.591	0	1
Phase2C6	0	0	9901 DieselExhPM	1	1.4196	0	1
Phase2C7	0	0	9901 DieselExhPM	1	2.839	0	1
BEACH	0	0	9901 DieselExhPM	1	1.8400	0	1
EMGEN1	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.7242	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
CONST	0	0	9901 DieselExhPM	1	5.2800	0	1
CONST	0	0	75070 Acetaldehyde	1	1.173592	0	1
CONST	0	0	71432 Benzene	1	10.35276	0	1
CONST	0	0	106990 1,3-Butadiene	1	2.30527	0	1
CONST	0	0	100414 Ethyl benzene	1	4.40097	0	1
CONST	0	0	50000 Formaldehyde	1	6.622412	0	1
CONST	0	0	91203 Naphthalene	1	0.20957	0	1

Phase2C1	0	0	9901 DieselExhPM	1	1.1831	0	1
Phase2C2	0	0	9901 DieselExhPM	1	0.7546	0	1
Phase2C3	0	0	9901 DieselExhPM	1	2.8388	0	1
Phase2C4	0	0	9901 DieselExhPM	1	0.9462	0	1
Phase2C5	0	0	9901 DieselExhPM	1	1.1089	0	1
Phase2C6	0	0	9901 DieselExhPM	1	0.9895	0	1
Phase2C7	0	0	9901 DieselExhPM	1	1.9788	0	1
BEACH	0	0	9901 DieselExhPM	1	8.68	0	1
EMGEN1	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
CONST	0	0	9901 DieselExhPM	1	2.74	0	1
CONST	0	0	75070 Acetaldehyde	1	0.693112	0	1
CONST	0	0	71432 Benzene	1	6.114238	0	1
CONST	0	0	106990 1,3-Butadiene	1	1.36147	0	1
CONST	0	0	100414 Ethyl benzene	1	2.59917	0	1
CONST	0	0	50000 Formaldehyde	1	3.911132	0	1
CONST	0	0	91203 Naphthalene	1	0.12377	0	1



Phase2C1	0	0	9901 DieselExhPM	1	1.1831	0
Phase2C2	0	0	9901 DieselExhPM	1	0.7546	0
Phase2C3	0	0	9901 DieselExhPM	1	2.8388	0
Phase2C4	0	0	9901 DieselExhPM	1	0.9462	0
Phase2C5	0	0	9901 DieselExhPM	1	1.1089	0
Phase2C6	0	0	9901 DieselExhPM	1	0.9895	0
Phase2C7	0	0	9901 DieselExhPM	1	1.9788	0
BEACH	0	0	9901 DieselExhPM	1	8.68	0
EMGEN1	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN2	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0
EMGEN5	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN6	0	0	9901 DieselExhPM	1	0.7242	0
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0
CONST	0	0	9901 DieselExhPM	1	2.78	0
CONST	0	0	75070 Acetaldehyde	1	0.697032	0
CONST	0	0	71432 Benzene	1	6.148818	0
CONST	0	0	106990 1,3-Butadiene	1	1.36917	0
CONST	0	0	100414 Ethyl benzene	1	2.61387	0
CONST	0	0	50000 Formaldehyde	1	3.933252	0
CONST	0	0	91203 Naphthalene	1	0.12447	0

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EMGEN1	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN2	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN3	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN4	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN5	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN6	0	0	9901 DieselExhPM	1	0.6035	0	1
EMGEN7	0	0	9901 DieselExhPM	1	0.3621	0	1
EMGEN8	0	0	9901 DieselExhPM	1	0.3621	0	1
INNESN	0	0	9901 DieselExhPM	1	0.59423	0	1
HUNT	0	0	9901 DieselExhPM	1	0.349156	0	1
EVANS	0	0	9901 DieselExhPM	1	0.152756	0	1
GRIFF	0	0	9901 DieselExhPM	1	0.123798	0	1
NHUD	0	0	9901 DieselExhPM	1	0.22319	0	1
ARELI	0	0	9901 DieselExhPM	1	0.256792	0	1
EARLN	0	0	9901 DieselExhPM	1	0.22319	0	1
DONS	0	0	9901 DieselExhPM	1	0.004468	0	1
GALVEZ	0	0	9901 DieselExhPM	1	0.000993	0	1
INNESS	0	0	9901 DieselExhPM	1	0.002317	0	1
HUDSON	0	0	9901 DieselExhPM	1	0.002813	0	1
KIRKS	0	0	9901 DieselExhPM	1	0.002151	0	1
FRIED	0	0	9901 DieselExhPM	1	0.004137	0	1
JERR	0	0	9901 DieselExhPM	1	0.00331	0	1
NORTH	0	0	9901 DieselExhPM	1	0.011254	0	1
EARLS	0	0	9901 DieselExhPM	1	0.001324	0	1
KIRKN	0	0	9901 DieselExhPM	1	0.011088	0	1
INGALLS	0	0	9901 DieselExhPM	1	0.005461	0	1
JENN	0	0	9901 DieselExhPM	1	0.004245	0	1
MIDDLE	0	0	9901 DieselExhPM	1	0.004799	0	1
HAWES	0	0	9901 DieselExhPM	1	0	0	1
INNESN	0	0	75070 Acetaldehyde	1	0.823311	0	1
INNESN	0	0	71432 Benzene	1	7.262778	0	1
INNESN	0	0	106990 1,3-Butadiene	1	1.617218	0	1
INNESN	0	0	100414 Ethyl benzene	1	3.087416	0	1
INNESN	0	0	50000 Formaldehyde	1	4.645825	0	1
INNESN	0	0	91203 Naphthalene	1	0.14702	0	1
HUNT	0	0	75070 Acetaldehyde	1	0.483759	0	1
HUNT	0	0	71432 Benzene	1	4.267446	0	1
HUNT	0	0	106990 1,3-Butadiene	1	0.950241	0	1
HUNT	0	0	100414 Ethyl benzene	1	1.814096	0	1
HUNT	0	0	50000 Formaldehyde	1	2.729783	0	1
HUNT	0	0	91203 Naphthalene	1	0.086386	0	1
EVANS	0	0	75070 Acetaldehyde	1	0.211645	0	1
EVANS	0	0	71432 Benzene	1	1.867008	0	1
EVANS	0	0	106990 1,3-Butadiene	1	0.41573	0	1
EVANS	0	0	100414 Ethyl benzene	1	0.793667	0	1
EVANS	0	0	50000 Formaldehyde	1	1.19428	0	1
EVANS	0	0	91203 Naphthalene	1	0.037794	0	1

GRIFF	0	0	75070 Acetaldehyde	1	0.171523	0	1
GRIFF	0	0	71432 Benzene	1	1.513079	0	1
GRIFF	0	0	106990 1,3-Butadiene	1	0.33692	0	1
GRIFF	0	0	100414 Ethyl benzene	1	0.643212	0	1
GRIFF	0	0	50000 Formaldehyde	1	0.96788	0	1
GRIFF	0	0	91203 Naphthalene	1	0.030629	0	1
NHUD	0	0	75070 Acetaldehyde	1	0.309232	0	1
NHUD	0	0	71432 Benzene	1	2.727865	0	1
NHUD	0	0	106990 1,3-Butadiene	1	0.607419	0	1
NHUD	0	0	100414 Ethyl benzene	1	1.159619	0	1
NHUD	0	0	50000 Formaldehyde	1	1.74495	0	1
NHUD	0	0	91203 Naphthalene	1	0.05522	0	1
ARELI	0	0	75070 Acetaldehyde	1	0.355788	0	1
ARELI	0	0	71432 Benzene	1	3.138557	0	1
ARELI	0	0	106990 1,3-Butadiene	1	0.698869	0	1
ARELI	0	0	100414 Ethyl benzene	1	1.334205	0	1
ARELI	0	0	50000 Formaldehyde	1	2.00766	0	1
ARELI	0	0	91203 Naphthalene	1	0.063534	0	1
EARLN	0	0	75070 Acetaldehyde	1	0.309232	0	1
EARLN	0	0	71432 Benzene	1	2.727865	0	1
EARLN	0	0	106990 1,3-Butadiene	1	0.607419	0	1
EARLN	0	0	100414 Ethyl benzene	1	1.159619	0	1
EARLN	0	0	50000 Formaldehyde	1	1.74495	0	1
EARLN	0	0	91203 Naphthalene	1	0.05522	0	1
DONS	0	0	75070 Acetaldehyde	1	0.006191	0	1
DONS	0	0	71432 Benzene	1	0.054614	0	1
DONS	0	0	106990 1,3-Butadiene	1	0.012161	0	1
DONS	0	0	100414 Ethyl benzene	1	0.023216	0	1
DONS	0	0	50000 Formaldehyde	1	0.034935	0	1
DONS	0	0	91203 Naphthalene	1	0.001106	0	1
GALVEZ	0	0	75070 Acetaldehyde	1	0.001376	0	1
GALVEZ	0	0	71432 Benzene	1	0.012136	0	1
GALVEZ	0	0	106990 1,3-Butadiene	1	0.002702	0	1
GALVEZ	0	0	100414 Ethyl benzene	1	0.005159	0	1
GALVEZ	0	0	50000 Formaldehyde	1	0.007763	0	1
GALVEZ	0	0	91203 Naphthalene	1	0.000246	0	1
INNESS	0	0	75070 Acetaldehyde	1	0.00321	0	1
INNESS	0	0	71432 Benzene	1	0.028318	0	1
INNESS	0	0	106990 1,3-Butadiene	1	0.006306	0	1
INNESS	0	0	100414 Ethyl benzene	1	0.012038	0	1
INNESS	0	0	50000 Formaldehyde	1	0.018114	0	1
INNESS	0	0	91203 Naphthalene	1	0.000573	0	1
HUDSON	0	0	75070 Acetaldehyde	1	0.003898	0	1
HUDSON	0	0	71432 Benzene	1	0.034386	0	1
HUDSON	0	0	106990 1,3-Butadiene	1	0.007657	0	1
HUDSON	0	0	100414 Ethyl benzene	1	0.014618	0	1
HUDSON	0	0	50000 Formaldehyde	1	0.021996	0	1

HUDSON	0	0	91203 Naphthalene	1	0.000696	0	1
KIRKS	0	0	75070 Acetaldehyde	1	0.002981	0	1
KIRKS	0	0	71432 Benzene	1	0.026295	0	1
KIRKS	0	0	106990 1,3-Butadiene	1	0.005855	0	1
KIRKS	0	0	100414 Ethyl benzene	1	0.011178	0	1
KIRKS	0	0	50000 Formaldehyde	1	0.016821	0	1
KIRKS	0	0	91203 Naphthalene	1	0.000532	0	1
FRIED	0	0	75070 Acetaldehyde	1	0.005732	0	1
FRIED	0	0	71432 Benzene	1	0.050568	0	1
FRIED	0	0	106990 1,3-Butadiene	1	0.01126	0	1
FRIED	0	0	100414 Ethyl benzene	1	0.021497	0	1
FRIED	0	0	50000 Formaldehyde	1	0.032347	0	1
FRIED	0	0	91203 Naphthalene	1	0.001024	0	1
JERR	0	0	75070 Acetaldehyde	1	0.004586	0	1
JERR	0	0	71432 Benzene	1	0.040455	0	1
JERR	0	0	106990 1,3-Butadiene	1	0.009008	0	1
JERR	0	0	100414 Ethyl benzene	1	0.017197	0	1
JERR	0	0	50000 Formaldehyde	1	0.025878	0	1
JERR	0	0	91203 Naphthalene	1	0.000819	0	1
NORTH	0	0	75070 Acetaldehyde	1	0.015592	0	1
NORTH	0	0	71432 Benzene	1	0.137545	0	1
NORTH	0	0	106990 1,3-Butadiene	1	0.030628	0	1
NORTH	0	0	100414 Ethyl benzene	1	0.058471	0	1
NORTH	0	0	50000 Formaldehyde	1	0.087985	0	1
NORTH	0	0	91203 Naphthalene	1	0.002784	0	1
EARLS	0	0	75070 Acetaldehyde	1	0.001834	0	1
EARLS	0	0	71432 Benzene	1	0.016182	0	1
EARLS	0	0	106990 1,3-Butadiene	1	0.003603	0	1
EARLS	0	0	100414 Ethyl benzene	1	0.006879	0	1
EARLS	0	0	50000 Formaldehyde	1	0.010351	0	1
EARLS	0	0	91203 Naphthalene	1	0.000328	0	1
KIRKN	0	0	75070 Acetaldehyde	1	0.015363	0	1
KIRKN	0	0	71432 Benzene	1	0.135523	0	1
KIRKN	0	0	106990 1,3-Butadiene	1	0.030177	0	1
KIRKN	0	0	100414 Ethyl benzene	1	0.057611	0	1
KIRKN	0	0	50000 Formaldehyde	1	0.086691	0	1
KIRKN	0	0	91203 Naphthalene	1	0.002743	0	1
INGALLS	0	0	75070 Acetaldehyde	1	0.007567	0	1
INGALLS	0	0	71432 Benzene	1	0.06675	0	1
INGALLS	0	0	106990 1,3-Butadiene	1	0.014863	0	1
INGALLS	0	0	100414 Ethyl benzene	1	0.028375	0	1
INGALLS	0	0	50000 Formaldehyde	1	0.042698	0	1
INGALLS	0	0	91203 Naphthalene	1	0.001351	0	1
JENN	0	0	75070 Acetaldehyde	1	0.005881	0	1
JENN	0	0	71432 Benzene	1	0.051877	0	1
JENN	0	0	106990 1,3-Butadiene	1	0.011552	0	1
JENN	0	0	100414 Ethyl benzene	1	0.022053	0	1

JENN	0	0	50000 Formaldehyde	1	0.033184	0	1
JENN	0	0	91203 Naphthalene	1	0.00105	0	1
MIDDLE	0	0	75070 Acetaldehyde	1	0.00665	0	1
MIDDLE	0	0	71432 Benzene	1	0.058659	0	1
MIDDLE	0	0	106990 1,3-Butadiene	1	0.013062	0	1
MIDDLE	0	0	100414 Ethyl benzene	1	0.024936	0	1
MIDDLE	0	0	50000 Formaldehyde	1	0.037523	0	1
MIDDLE	0	0	91203 Naphthalene	1	0.001187	0	1
HAWES	0	0	75070 Acetaldehyde	1	0	0	1
HAWES	0	0	71432 Benzene	1	0	0	1
HAWES	0	0	106990 1,3-Butadiene	1	0	0	1
HAWES	0	0	100414 Ethyl benzene	1	0	0	1
HAWES	0	0	50000 Formaldehyde	1	0	0	1
HAWES	0	0	91203 Naphthalene	1	0	0	1

EMGEN1	0	0	9901 DieselExhPM	1	0.724	0
EMGEN2	0	0	9901 DieselExhPM	1	0.724	0
EMGEN3	0	0	9901 DieselExhPM	1	0.362	0
EMGEN4	0	0	9901 DieselExhPM	1	0.362	0
EMGEN5	0	0	9901 DieselExhPM	1	0.724	0
EMGEN6	0	0	9901 DieselExhPM	1	0.724	0
EMGEN7	0	0	9901 DieselExhPM	1	0.362	0
EMGEN8	0	0	9901 DieselExhPM	1	0.362	0
INNEN	0	0	9901 DieselExhPM	1	1.104658	0
HUNT	0	0	9901 DieselExhPM	1	0.649941	0
EVANS	0	0	9901 DieselExhPM	1	0.005135	0
GRIFF	0	0	9901 DieselExhPM	1	0.003992	0
NHUD	0	0	9901 DieselExhPM	1	0.41971	0
ARELI	0	0	9901 DieselExhPM	1	0.478321	0
EARLN	0	0	9901 DieselExhPM	1	0.41971	0
DONS	0	0	9901 DieselExhPM	1	0.01136	0
GALVEZ	0	0	9901 DieselExhPM	1	0.002525	0
INNESS	0	0	9901 DieselExhPM	1	0.005891	0
HUDSON	0	0	9901 DieselExhPM	1	0.007153	0
KIRKS	0	0	9901 DieselExhPM	1	0.00547	0
FRIED	0	0	9901 DieselExhPM	1	0.010519	0
JERR	0	0	9901 DieselExhPM	1	0.008415	0
NORTH	0	0	9901 DieselExhPM	1	0.028611	0
EARLS	0	0	9901 DieselExhPM	1	0.003366	0
KIRKN	0	0	9901 DieselExhPM	1	0.02819	0
INGALLS	0	0	9901 DieselExhPM	1	0.013885	0
JENN	0	0	9901 DieselExhPM	1	0.018875	0
MIDDLE	0	0	9901 DieselExhPM	1	0.012202	0
HAWES	0	0	9901 DieselExhPM	1	0	0
INNEN	0	0	75070 Acetaldehyde	1	1.582166	0
INNEN	0	0	71432 Benzene	1	13.95696	0
INNEN	0	0	106990 1,3-Butadiene	1	3.107825	0
INNEN	0	0	100414 Ethyl benzene	1	5.933121	0
INNEN	0	0	50000 Formaldehyde	1	8.927934	0
INNEN	0	0	91203 Naphthalene	1	0.28253	0
HUNT	0	0	75070 Acetaldehyde	1	0.930889	0
HUNT	0	0	71432 Benzene	1	8.211774	0
HUNT	0	0	106990 1,3-Butadiene	1	1.828533	0
HUNT	0	0	100414 Ethyl benzene	1	3.490835	0
HUNT	0	0	50000 Formaldehyde	1	5.252876	0
HUNT	0	0	91203 Naphthalene	1	0.16623	0
EVANS	0	0	75070 Acetaldehyde	1	0.407264	0
EVANS	0	0	71432 Benzene	1	3.592651	0
EVANS	0	0	106990 1,3-Butadiene	1	0.799983	0
EVANS	0	0	100414 Ethyl benzene	1	1.52724	0
EVANS	0	0	50000 Formaldehyde	1	2.298133	0
EVANS	0	0	91203 Naphthalene	1	0.072726	0

GRIFF	0	0	75070 Acetaldehyde	1	0.316575	0
GRIFF	0	0	71432 Benzene	1	2.792647	0
GRIFF	0	0	106990 1,3-Butadiene	1	0.621845	0
GRIFF	0	0	100414 Ethyl benzene	1	1.187158	0
GRIFF	0	0	50000 Formaldehyde	1	1.78639	0
GRIFF	0	0	91203 Naphthalene	1	0.056531	0
NHUD	0	0	75070 Acetaldehyde	1	0.601138	0
NHUD	0	0	71432 Benzene	1	5.302892	0
NHUD	0	0	106990 1,3-Butadiene	1	1.180806	0
NHUD	0	0	100414 Ethyl benzene	1	2.254266	0
NHUD	0	0	50000 Formaldehyde	1	3.392133	0
NHUD	0	0	91203 Naphthalene	1	0.107346	0
ARELI	0	0	75070 Acetaldehyde	1	0.685083	0
ARELI	0	0	71432 Benzene	1	6.043414	0
ARELI	0	0	106990 1,3-Butadiene	1	1.345699	0
ARELI	0	0	100414 Ethyl benzene	1	2.569063	0
ARELI	0	0	50000 Formaldehyde	1	3.865828	0
ARELI	0	0	91203 Naphthalene	1	0.122336	0
EARLN	0	0	75070 Acetaldehyde	1	0.601138	0
EARLN	0	0	71432 Benzene	1	5.302892	0
EARLN	0	0	106990 1,3-Butadiene	1	1.180806	0
EARLN	0	0	100414 Ethyl benzene	1	2.254266	0
EARLN	0	0	50000 Formaldehyde	1	3.392133	0
EARLN	0	0	91203 Naphthalene	1	0.107346	0
DONS	0	0	75070 Acetaldehyde	1	0.016271	0
DONS	0	0	71432 Benzene	1	0.143533	0
DONS	0	0	106990 1,3-Butadiene	1	0.031961	0
DONS	0	0	100414 Ethyl benzene	1	0.061016	0
DONS	0	0	50000 Formaldehyde	1	0.091815	0
DONS	0	0	91203 Naphthalene	1	0.002906	0
GALVEZ	0	0	75070 Acetaldehyde	1	0.003616	0
GALVEZ	0	0	71432 Benzene	1	0.031896	0
GALVEZ	0	0	106990 1,3-Butadiene	1	0.007102	0
GALVEZ	0	0	100414 Ethyl benzene	1	0.013559	0
GALVEZ	0	0	50000 Formaldehyde	1	0.020403	0
GALVEZ	0	0	91203 Naphthalene	1	0.000646	0
INNESS	0	0	75070 Acetaldehyde	1	0.008437	0
INNESS	0	0	71432 Benzene	1	0.074425	0
INNESS	0	0	106990 1,3-Butadiene	1	0.016572	0
INNESS	0	0	100414 Ethyl benzene	1	0.031638	0
INNESS	0	0	50000 Formaldehyde	1	0.047608	0
INNESS	0	0	91203 Naphthalene	1	0.001507	0
HUDSON	0	0	75070 Acetaldehyde	1	0.010245	0
HUDSON	0	0	71432 Benzene	1	0.090373	0
HUDSON	0	0	106990 1,3-Butadiene	1	0.020123	0
HUDSON	0	0	100414 Ethyl benzene	1	0.038418	0
HUDSON	0	0	50000 Formaldehyde	1	0.057809	0



HUDSON	0	0	91203 Naphthalene	1	0.001829	0
KIRKS	0	0	75070 Acetaldehyde	1	0.007834	0
KIRKS	0	0	71432 Benzene	1	0.069108	0
KIRKS	0	0	106990 1,3-Butadiene	1	0.015389	0
KIRKS	0	0	100414 Ethyl benzene	1	0.029378	0
KIRKS	0	0	50000 Formaldehyde	1	0.044207	0
KIRKS	0	0	91203 Naphthalene	1	0.001399	0
FRIED	0	0	75070 Acetaldehyde	1	0.015066	0
FRIED	0	0	71432 Benzene	1	0.132901	0
FRIED	0	0	106990 1,3-Butadiene	1	0.029593	0
FRIED	0	0	100414 Ethyl benzene	1	0.056496	0
FRIED	0	0	50000 Formaldehyde	1	0.085014	0
FRIED	0	0	91203 Naphthalene	1	0.00269	0
JERR	0	0	75070 Acetaldehyde	1	0.012053	0
JERR	0	0	71432 Benzene	1	0.106321	0
JERR	0	0	106990 1,3-Butadiene	1	0.023675	0
JERR	0	0	100414 Ethyl benzene	1	0.045197	0
JERR	0	0	50000 Formaldehyde	1	0.068011	0
JERR	0	0	91203 Naphthalene	1	0.002152	0
NORTH	0	0	75070 Acetaldehyde	1	0.040979	0
NORTH	0	0	71432 Benzene	1	0.361491	0
NORTH	0	0	106990 1,3-Butadiene	1	0.080494	0
NORTH	0	0	100414 Ethyl benzene	1	0.15367	0
NORTH	0	0	50000 Formaldehyde	1	0.231237	0
NORTH	0	0	91203 Naphthalene	1	0.007318	0
EARLS	0	0	75070 Acetaldehyde	1	0.004821	0
EARLS	0	0	71432 Benzene	1	0.042528	0
EARLS	0	0	106990 1,3-Butadiene	1	0.00947	0
EARLS	0	0	100414 Ethyl benzene	1	0.018079	0
EARLS	0	0	50000 Formaldehyde	1	0.027204	0
EARLS	0	0	91203 Naphthalene	1	0.000861	0
KIRKN	0	0	75070 Acetaldehyde	1	0.040376	0
KIRKN	0	0	71432 Benzene	1	0.356175	0
KIRKN	0	0	106990 1,3-Butadiene	1	0.07931	0
KIRKN	0	0	100414 Ethyl benzene	1	0.15141	0
KIRKN	0	0	50000 Formaldehyde	1	0.227836	0
KIRKN	0	0	91203 Naphthalene	1	0.00721	0
INGALLS	0	0	75070 Acetaldehyde	1	0.019887	0
INGALLS	0	0	71432 Benzene	1	0.175429	0
INGALLS	0	0	106990 1,3-Butadiene	1	0.039063	0
INGALLS	0	0	100414 Ethyl benzene	1	0.074575	0
INGALLS	0	0	50000 Formaldehyde	1	0.112218	0
INGALLS	0	0	91203 Naphthalene	1	0.003551	0
JENN	0	0	75070 Acetaldehyde	1	0.027033	0
JENN	0	0	71432 Benzene	1	0.238473	0
JENN	0	0	106990 1,3-Butadiene	1	0.053101	0
JENN	0	0	100414 Ethyl benzene	1	0.101375	0

JENN	0	0	50000 Formaldehyde	1	0.152546	0
JENN	0	0	91203 Naphthalene	1	0.004827	0
MIDDLE	0	0	75070 Acetaldehyde	1	0.017476	0
MIDDLE	0	0	71432 Benzene	1	0.154165	0
MIDDLE	0	0	106990 1,3-Butadiene	1	0.034328	0
MIDDLE	0	0	100414 Ethyl benzene	1	0.065536	0
MIDDLE	0	0	50000 Formaldehyde	1	0.098616	0
MIDDLE	0	0	91203 Naphthalene	1	0.003121	0
HAWES	0	0	75070 Acetaldehyde	1	0	0
HAWES	0	0	71432 Benzene	1	0	0
HAWES	0	0	106990 1,3-Butadiene	1	0	0
HAWES	0	0	100414 Ethyl benzene	1	0	0
HAWES	0	0	50000 Formaldehyde	1	0	0
HAWES	0	0	91203 Naphthalene	1	0	0







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**EMFAC Gasoline TOG Speciation (% of TOG)**

	TOG	Acetaldehyde	Benzene	1,3-Butadiene	Ethyl benzene	Formaldehyde	Naphthalene
	TOG lb/yr	0.28%	2.47%	0.55%	1.05%	1.58%	0.05%
2018R	15.40	0.04312	0.38038	0.0847	0.1617	0.24332	0.0077
2018V	15.40	0.04312	0.38038	0.0847	0.1617	0.24332	0.0077
2019R	1111.42	3.111976	27.45207	6.11281	11.66991	17.560436	0.55571
2019V	765.88	2.144464	18.91724	4.21234	8.04174	12.100904	0.38294
2020R	967.48	2.708944	23.89676	5.32114	10.15854	15.286184	0.48374
2020V	648.52	1.815856	16.01844	3.56686	6.80946	10.246616	0.32426
2021R	420.68	1.177904	10.3908	2.31374	4.41714	6.646744	0.21034
2021V	419.14	1.173592	10.35276	2.30527	4.40097	6.622412	0.20957
2022R	247.54	0.693112	6.114238	1.36147	2.59917	3.911132	0.12377
2022V	248.94	0.697032	6.148818	1.36917	2.61387	3.933252	0.12447

OpsR	TOG lb/yr	Acetaldehyde	Benzene	1,3-Butadiene	Ethyl benzene	Formaldehyde	Naphthalene
INNESN	294.0396	0.823310823	7.262778	1.617217688	3.087415586	4.645825357	0.14701979
HUNT	172.7711	0.48375903	4.267446	0.950240952	1.814096363	2.729783098	0.086385541
EVANS	75.5873	0.211644576	1.867008	0.415730416	0.793667159	1.194280105	0.037793674
GRIFF	61.2582	0.171523088	1.513079	0.336920352	0.64321158	0.967880283	0.030629123
NHUD	110.4399	0.309231625	2.727865	0.607419262	1.159618592	1.744949881	0.055219933
ARELI	127.0671	0.355787891	3.138557	0.698869072	1.334204592	2.007660244	0.063533552
EARLN	110.4399	0.309231625	2.727865	0.607419262	1.159618592	1.744949881	0.055219933
DONS	2.2111	0.006191017	0.054614	0.012160926	0.023216313	0.034935024	0.001105539
GALVEZ	0.4914	0.001375782	0.012136	0.002702428	0.005159181	0.007763339	0.000245675
INNESS	1.1465	0.003210157	0.028318	0.006305665	0.012038088	0.018114457	0.000573242
HUDSON	1.3922	0.003898048	0.034386	0.007656879	0.014617679	0.021996126	0.00069608
KIRKS	1.0646	0.00298086	0.026295	0.005855261	0.011178225	0.016820567	0.000532296
FRIED	2.0473	0.005732423	0.050568	0.011260117	0.021496586	0.032347244	0.001023647
JERR	1.6378	0.004585938	0.040455	0.009008093	0.017197269	0.025877795	0.000818918
NORTH	5.5686	0.015592191	0.137545	0.030627517	0.058470715	0.087984504	0.00278432
EARLS	0.6551	0.001834375	0.016182	0.003603237	0.006878908	0.010351118	0.000327567
KIRKN	5.4867	0.015362894	0.135523	0.030177112	0.057610851	0.086690614	0.002743374
INGALLS	2.7024	0.007566798	0.06675	0.014863354	0.028375494	0.042698362	0.001351214
JENN	2.1003	0.005880792	0.051877	0.011551555	0.022052968	0.033184467	0.001050141
MIDDLE	2.3749	0.006649611	0.058659	0.013061735	0.02493604	0.037522803	0.00118743
HAWES	0.0000	0	0	0	0	0	0

OpsV	TOG lb/yr	Acetaldehyde	Benzene	1,3-Butadiene	Ethyl benzene	Formaldehyde	Naphthalene
INNESN	565.059111	1.582165512	13.95696	3.107825112	5.933120669	8.927933959	0.282529556
HUNT	332.460491	0.930889374	8.211774	1.828532698	3.490835151	5.252875751	0.166230245
EVANS	145.451465	0.407264101	3.592651	0.799983055	1.527240379	2.298133141	0.072725732
GRIFF	113.062637	0.316575383	2.792647	0.621844503	1.187157688	1.786389664	0.056531318
NHUD	214.691973	0.601137526	5.302892	1.180805854	2.254265722	3.392133181	0.107345987
ARELI	244.672628	0.685083358	6.043414	1.345699453	2.569062592	3.865827519	0.122336314
EARLN	214.691973	0.601137526	5.302892	1.180805854	2.254265722	3.392133181	0.107345987
DONS	5.81105358	0.01627095	0.143533	0.031960795	0.061016063	0.091814647	0.002905527
GALVEZ	1.29134524	0.003615767	0.031896	0.007102399	0.013559125	0.020403255	0.000645673
INNESS	3.01313889	0.008436789	0.074425	0.016572264	0.031637958	0.047607595	0.001506569
HUDSON	3.65881151	0.010244672	0.090373	0.020123463	0.038417521	0.057809222	0.001829406
KIRKS	2.79791469	0.007834161	0.069108	0.015388531	0.029378104	0.044207052	0.001398957
FRIED	5.38060517	0.015065694	0.132901	0.029593328	0.056496354	0.085013562	0.002690303
JERR	4.30448413	0.012052556	0.106321	0.023674663	0.045197083	0.068010849	0.002152242
NORTH	14.6352461	0.040978689	0.361491	0.080493853	0.153670084	0.231236888	0.007317623
EARLS	1.72179365	0.004821022	0.042528	0.009469865	0.018078833	0.02720434	0.000860897
KIRKN	14.4200218	0.040376061	0.356175	0.07931012	0.151410229	0.227836345	0.007210011
INGALLS	7.10239882	0.019886717	0.175429	0.039063194	0.074575188	0.112217901	0.003551199
JENN	9.65478697	0.027033404	0.238473	0.053101328	0.101375263	0.152545634	0.004827393
MIDDLE	6.24150199	0.017476206	0.154165	0.034328261	0.065535771	0.098615731	0.003120751
HAWES	0	0	0	0	0	0	0



IB-BUILD Grading and Excavation - San Francisco County, Annual

**IB-BUILD Grading and Excavation**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	1.00	User Defined Unit	37.80	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2020
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

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Project Characteristics - Construction ONLY

Land Use - Sum of Ph. 1 + 2 Graded Acres = 29.2 + 8.6 = 37.8

Construction Phase - 6 days/work wk; 78 (demo) from RFI response and balance of 9 mos used for grad'g; phases assumed not to overlap

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - amount taken from Dec 2016 RFI response

Grading - import/export amounts from RFI response

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

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Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	50.00	78.00
tblConstructionPhase	NumDays	75.00	156.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	390.00	187.50
tblGrading	MaterialExported	0.00	350,000.00
tblGrading	MaterialImported	0.00	195,583.00
tblLandUse	LotAcreage	0.00	37.80
tblProjectCharacteristics	OperationalYear	2018	2020

**2.0 Emissions Summary**



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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	6-1-2018	8-31-2018	1.7742	0.2048
2	9-1-2018	11-30-2018	9.4631	7.1017
3	12-1-2018	2-28-2019	9.0366	6.8365
		Highest	9.4631	7.1017

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	6/1/2018	8/30/2018	6	78	
2	Grading	Grading	8/31/2018	2/28/2019	6	156	

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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 187.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	144.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	68,198.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Demolition - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0168	0.0000	0.0168	2.5500e-003	0.0000	2.5500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1450	1.4946	0.8699	1.5100e-003		0.0756	0.0756		0.0704	0.0704	0.0000	136.9839	136.9839	0.0377	0.0000	137.9274
<b>Total</b>	<b>0.1450</b>	<b>1.4946</b>	<b>0.8699</b>	<b>1.5100e-003</b>	<b>0.0168</b>	<b>0.0756</b>	<b>0.0924</b>	<b>2.5500e-003</b>	<b>0.0704</b>	<b>0.0729</b>	<b>0.0000</b>	<b>136.9839</b>	<b>136.9839</b>	<b>0.0377</b>	<b>0.0000</b>	<b>137.9274</b>



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**3.2 Demolition - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.9000e-004	0.0288	7.3900e-003	6.0000e-005	1.2100e-003	1.1000e-004	1.3200e-003	3.3000e-004	1.1000e-004	4.4000e-004	0.0000	6.6424	6.6424	1.1300e-003	0.0000	6.6706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0900e-003	1.5000e-003	0.0160	5.0000e-005	4.6200e-003	4.0000e-005	4.6600e-003	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	4.6832	4.6832	1.2000e-004	0.0000	4.6863
<b>Total</b>	<b>2.7800e-003</b>	<b>0.0303</b>	<b>0.0234</b>	<b>1.1000e-004</b>	<b>5.8300e-003</b>	<b>1.5000e-004</b>	<b>5.9800e-003</b>	<b>1.5600e-003</b>	<b>1.4000e-004</b>	<b>1.7000e-003</b>	<b>0.0000</b>	<b>11.3256</b>	<b>11.3256</b>	<b>1.2500e-003</b>	<b>0.0000</b>	<b>11.3569</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.5700e-003	0.0000	7.5700e-003	1.1500e-003	0.0000	1.1500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0180	0.0781	0.9079	1.5100e-003		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	136.9837	136.9837	0.0377	0.0000	137.9272
<b>Total</b>	<b>0.0180</b>	<b>0.0781</b>	<b>0.9079</b>	<b>1.5100e-003</b>	<b>7.5700e-003</b>	<b>2.4000e-003</b>	<b>9.9700e-003</b>	<b>1.1500e-003</b>	<b>2.4000e-003</b>	<b>3.5500e-003</b>	<b>0.0000</b>	<b>136.9837</b>	<b>136.9837</b>	<b>0.0377</b>	<b>0.0000</b>	<b>137.9272</b>

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**3.2 Demolition - 2018**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.9000e-004	0.0288	7.3900e-003	6.0000e-005	9.8000e-004	1.1000e-004	1.0900e-003	2.8000e-004	1.1000e-004	3.8000e-004	0.0000	6.6424	6.6424	1.1300e-003	0.0000	6.6706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0900e-003	1.5000e-003	0.0160	5.0000e-005	3.6200e-003	4.0000e-005	3.6600e-003	9.8000e-004	3.0000e-005	1.0200e-003	0.0000	4.6832	4.6832	1.2000e-004	0.0000	4.6863
<b>Total</b>	<b>2.7800e-003</b>	<b>0.0303</b>	<b>0.0234</b>	<b>1.1000e-004</b>	<b>4.6000e-003</b>	<b>1.5000e-004</b>	<b>4.7500e-003</b>	<b>1.2600e-003</b>	<b>1.4000e-004</b>	<b>1.4000e-003</b>	<b>0.0000</b>	<b>11.3256</b>	<b>11.3256</b>	<b>1.2500e-003</b>	<b>0.0000</b>	<b>11.3569</b>

**3.3 Grading - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6496	0.0000	0.6496	0.2811	0.0000	0.2811	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2672	3.1249	1.8422	3.2600e-003		0.1383	0.1383		0.1272	0.1272	0.0000	297.4046	297.4046	0.0926	0.0000	299.7193
<b>Total</b>	<b>0.2672</b>	<b>3.1249</b>	<b>1.8422</b>	<b>3.2600e-003</b>	<b>0.6496</b>	<b>0.1383</b>	<b>0.7879</b>	<b>0.2811</b>	<b>0.1272</b>	<b>0.4083</b>	<b>0.0000</b>	<b>297.4046</b>	<b>297.4046</b>	<b>0.0926</b>	<b>0.0000</b>	<b>299.7193</b>

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**3.3 Grading - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.2206	9.1670	2.3566	0.0202	0.5260	0.0358	0.5618	0.1403	0.0342	0.1745	0.0000	2,117.3713	2,117.3713	0.3604	0.0000	2,126.3804
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7500e-003	2.6900e-003	0.0287	9.0000e-005	8.3000e-003	6.0000e-005	8.3600e-003	2.2100e-003	6.0000e-005	2.2700e-003	0.0000	8.4058	8.4058	2.2000e-004	0.0000	8.4113
<b>Total</b>	<b>0.2244</b>	<b>9.1696</b>	<b>2.3852</b>	<b>0.0203</b>	<b>0.5343</b>	<b>0.0359</b>	<b>0.5701</b>	<b>0.1425</b>	<b>0.0343</b>	<b>0.1768</b>	<b>0.0000</b>	<b>2,125.7771</b>	<b>2,125.7771</b>	<b>0.3606</b>	<b>0.0000</b>	<b>2,134.7917</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2923	0.0000	0.2923	0.1265	0.0000	0.1265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0400	0.1733	1.7325	3.2600e-003		5.3300e-003	5.3300e-003		5.3300e-003	5.3300e-003	0.0000	297.4043	297.4043	0.0926	0.0000	299.7189
<b>Total</b>	<b>0.0400</b>	<b>0.1733</b>	<b>1.7325</b>	<b>3.2600e-003</b>	<b>0.2923</b>	<b>5.3300e-003</b>	<b>0.2977</b>	<b>0.1265</b>	<b>5.3300e-003</b>	<b>0.1318</b>	<b>0.0000</b>	<b>297.4043</b>	<b>297.4043</b>	<b>0.0926</b>	<b>0.0000</b>	<b>299.7189</b>

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**3.3 Grading - 2018**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.2206	9.1670	2.3566	0.0202	0.4182	0.0358	0.4540	0.1138	0.0342	0.1481	0.0000	2,117.3713	2,117.3713	0.3604	0.0000	2,126.3804
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7500e-003	2.6900e-003	0.0287	9.0000e-005	6.5000e-003	6.0000e-005	6.5700e-003	1.7700e-003	6.0000e-005	1.8300e-003	0.0000	8.4058	8.4058	2.2000e-004	0.0000	8.4113
<b>Total</b>	<b>0.2244</b>	<b>9.1696</b>	<b>2.3852</b>	<b>0.0203</b>	<b>0.4247</b>	<b>0.0359</b>	<b>0.4606</b>	<b>0.1156</b>	<b>0.0343</b>	<b>0.1499</b>	<b>0.0000</b>	<b>2,125.7771</b>	<b>2,125.7771</b>	<b>0.3606</b>	<b>0.0000</b>	<b>2,134.7917</b>

**3.3 Grading - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6496	0.0000	0.6496	0.2811	0.0000	0.2811	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1208	1.3903	0.8511	1.5800e-003		0.0608	0.0608		0.0559	0.0559	0.0000	142.0384	142.0384	0.0449	0.0000	143.1619
<b>Total</b>	<b>0.1208</b>	<b>1.3903</b>	<b>0.8511</b>	<b>1.5800e-003</b>	<b>0.6496</b>	<b>0.0608</b>	<b>0.7104</b>	<b>0.2811</b>	<b>0.0559</b>	<b>0.3370</b>	<b>0.0000</b>	<b>142.0384</b>	<b>142.0384</b>	<b>0.0449</b>	<b>0.0000</b>	<b>143.1619</b>

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**3.3 Grading - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1020	4.2017	1.1728	9.5700e-003	0.4771	0.0159	0.4931	0.1225	0.0152	0.1378	0.0000	1,011.4718	1,011.4718	0.1770	0.0000	1,015.8975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6700e-003	1.1600e-003	0.0126	4.0000e-005	4.0300e-003	3.0000e-005	4.0600e-003	1.0700e-003	3.0000e-005	1.1000e-003	0.0000	3.9570	3.9570	9.0000e-005	0.0000	3.9593
<b>Total</b>	<b>0.1037</b>	<b>4.2028</b>	<b>1.1853</b>	<b>9.6100e-003</b>	<b>0.4812</b>	<b>0.0160</b>	<b>0.4971</b>	<b>0.1236</b>	<b>0.0153</b>	<b>0.1389</b>	<b>0.0000</b>	<b>1,015.4287</b>	<b>1,015.4287</b>	<b>0.1771</b>	<b>0.0000</b>	<b>1,019.8568</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2923	0.0000	0.2923	0.1265	0.0000	0.1265	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.0842	0.8415	1.5800e-003		2.5900e-003	2.5900e-003		2.5900e-003	2.5900e-003	0.0000	142.0382	142.0382	0.0449	0.0000	143.1617
<b>Total</b>	<b>0.0194</b>	<b>0.0842</b>	<b>0.8415</b>	<b>1.5800e-003</b>	<b>0.2923</b>	<b>2.5900e-003</b>	<b>0.2949</b>	<b>0.1265</b>	<b>2.5900e-003</b>	<b>0.1291</b>	<b>0.0000</b>	<b>142.0382</b>	<b>142.0382</b>	<b>0.0449</b>	<b>0.0000</b>	<b>143.1617</b>

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**3.3 Grading - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1020	4.2017	1.1728	9.5700e-003	0.3694	0.0159	0.3853	0.0961	0.0152	0.1113	0.0000	1,011.4718	1,011.4718	0.1770	0.0000	1,015.8975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6700e-003	1.1600e-003	0.0126	4.0000e-005	3.1600e-003	3.0000e-005	3.1900e-003	8.6000e-004	3.0000e-005	8.9000e-004	0.0000	3.9570	3.9570	9.0000e-005	0.0000	3.9593
<b>Total</b>	<b>0.1037</b>	<b>4.2028</b>	<b>1.1853</b>	<b>9.6100e-003</b>	<b>0.3725</b>	<b>0.0160</b>	<b>0.3885</b>	<b>0.0970</b>	<b>0.0153</b>	<b>0.1122</b>	<b>0.0000</b>	<b>1,015.4287</b>	<b>1,015.4287</b>	<b>0.1771</b>	<b>0.0000</b>	<b>1,019.8568</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Industrial	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Industrial	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Industrial	0.607015	0.041018	0.191033	0.087570	0.015386	0.004865	0.027149	0.008727	0.004280	0.004624	0.006947	0.000926	0.000460

5.0 Energy Detail

Historical Energy Use: N





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**5.2 Energy by Land Use - Natural Gas**

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
Unmitigated	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005

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**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	1.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	0.0000	2.0000e-005
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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## IB-BUILD Grading and Excavation - San Francisco County, Annual

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

**IB-BUILD Hamman, Hillside Cove**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	174.93	1000sqft	3.00	174,930.00	0
Elementary School	50.00	1000sqft	0.50	50,000.00	0
Enclosed Parking with Elevator	552.86	1000sqft	0.00	552,860.00	0
Other Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
Other Non-Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
City Park	1.74	Acre	1.74	0.00	0
Condo/Townhouse High Rise	796.00	Dwelling Unit	4.00	996,800.00	2181
Regional Shopping Center	43.56	1000sqft	0.00	43,560.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**



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Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; 796 du x 2.74 residents/du (density, from F&P Daily VMT calcs) = 2,181; Pkg (asphalt/non-asphalt) = (outdoor pkg + streets/sidewalks)/2; Resid LU incl. Cmmn Courtyd +Roof Terrace sfg's

Construction Phase - 6 days/work wk; default days ratio'd up

Vehicle Trips - CityPk (Public Rec/OS) LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	649.00
tblConstructionPhase	NumDays	300.00	587.00
tblConstructionPhase	NumDays	30.00	56.00
tblConstructionPhase	NumDays	20.00	32.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	1/23/2023	1/30/2021
tblConstructionPhase	PhaseStartDate	12/27/2020	1/5/2019
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	Elementary School	Condo/Townhouse High Rise
tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	Elementary School
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	General Office Building
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces

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tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	140.00	75.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	796,000.00	996,800.00
tblLandUse	GreenSpaceSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	796,000.00	996,800.00
tblLandUse	LotAcreage	4.02	3.00
tblLandUse	LotAcreage	1.15	0.50
tblLandUse	LotAcreage	12.69	0.00
tblLandUse	LotAcreage	12.44	4.00
tblLandUse	LotAcreage	1.00	0.00
tblLandUse	Population	2,277.00	2,181.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	6.62
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	6.62
tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	6.62
tblVehicleTrips	CW_TL	9.50	0.28

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tblVehicleTrips	HO_TL	5.70	6.70
tblVehicleTrips	HS_TL	4.80	6.70
tblVehicleTrips	HW_TL	10.80	6.70
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.69
tblVehicleTrips	ST_TR	2.46	8.41
tblVehicleTrips	ST_TR	49.97	83.67
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.69
tblVehicleTrips	SU_TR	1.05	8.41
tblVehicleTrips	SU_TR	25.24	83.67
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.69
tblVehicleTrips	WD_TR	15.43	25.58
tblVehicleTrips	WD_TR	11.03	8.41
tblVehicleTrips	WD_TR	42.70	83.67

## 2.0 Emissions Summary

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**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.1342	1.5489	0.9265	1.6600e-003	0.2125	0.0685	0.2810	0.0981	0.0630	0.1611	0.0000	151.4490	151.4490	0.0460	0.0000	152.5980
2019	5.1759	8.6629	8.4723	0.0283	1.7433	0.2628	2.0061	0.5104	0.2485	0.7589	0.0000	2,653.0710	2,653.0710	0.2542	0.0000	2,659.4254
2020	5.0613	7.2936	7.4308	0.0256	1.4080	0.2110	1.6189	0.3792	0.1993	0.5784	0.0000	2,388.7289	2,388.7289	0.2301	0.0000	2,394.4818
2021	0.3513	0.0241	0.0720	2.2000e-004	0.0184	1.3600e-003	0.0198	4.8900e-003	1.3500e-003	6.2400e-003	0.0000	20.1708	20.1708	5.7000e-004	0.0000	20.1851
<b>Maximum</b>	<b>5.1759</b>	<b>8.6629</b>	<b>8.4723</b>	<b>0.0283</b>	<b>1.7433</b>	<b>0.2628</b>	<b>2.0061</b>	<b>0.5104</b>	<b>0.2485</b>	<b>0.7589</b>	<b>0.0000</b>	<b>2,653.0710</b>	<b>2,653.0710</b>	<b>0.2542</b>	<b>0.0000</b>	<b>2,659.4254</b>

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**2.1 Overall Construction**

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.0217	0.0871	0.8722	1.6600e-003	0.0970	2.6700e-003	0.0997	0.0445	2.6700e-003	0.0472	0.0000	151.4488	151.4488	0.0460	0.0000	152.5978
2019	4.8172	5.3854	8.5159	0.0283	1.3059	0.0460	1.3519	0.3779	0.0439	0.4218	0.0000	2,653.0705	2,653.0705	0.2542	0.0000	2,659.4249
2020	4.7616	4.4876	7.5583	0.0256	1.1118	0.0331	1.1449	0.3065	0.0316	0.3381	0.0000	2,388.7284	2,388.7284	0.2301	0.0000	2,394.4813
2021	0.3488	5.9000e-003	0.0722	2.2000e-004	0.0144	1.9000e-004	0.0146	3.9200e-003	1.8000e-004	4.1000e-003	0.0000	20.1707	20.1707	5.7000e-004	0.0000	20.1851
<b>Maximum</b>	<b>4.8172</b>	<b>5.3854</b>	<b>8.5159</b>	<b>0.0283</b>	<b>1.3059</b>	<b>0.0460</b>	<b>1.3519</b>	<b>0.3779</b>	<b>0.0439</b>	<b>0.4218</b>	<b>0.0000</b>	<b>2,653.0705</b>	<b>2,653.0705</b>	<b>0.2542</b>	<b>0.0000</b>	<b>2,659.4249</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>7.21</b>	<b>43.15</b>	<b>-0.69</b>	<b>0.00</b>	<b>25.22</b>	<b>84.93</b>	<b>33.49</b>	<b>26.17</b>	<b>84.68</b>	<b>46.09</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2018	1-31-2019	2.8291	0.8874
2	2-1-2019	4-30-2019	3.3923	2.5218
3	5-1-2019	7-31-2019	3.4698	2.5700
4	8-1-2019	10-31-2019	3.4885	2.5887
5	11-1-2019	1-31-2020	3.4516	2.5825
6	2-1-2020	4-30-2020	3.2186	2.4275
7	5-1-2020	7-31-2020	3.2578	2.4491
8	8-1-2020	10-31-2020	3.2742	2.4655

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9	11-1-2020	1-31-2021	1.8288	1.3887
		Highest	3.4885	2.5887

**2.2 Overall Operational**  
**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678
Energy	0.0730	0.6365	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	3,764.8604	3,764.8604	0.1514	0.0417	3,781.0740
Mobile	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310
Waste						0.0000	0.0000		0.0000	0.0000	129.8594	0.0000	129.8594	7.6745	0.0000	321.7212
Water						0.0000	0.0000		0.0000	0.0000	27.8010	198.5539	226.3549	2.8644	0.0693	318.6105
<b>Total</b>	<b>9.6983</b>	<b>7.0761</b>	<b>24.8443</b>	<b>0.0585</b>	<b>4.1507</b>	<b>0.5022</b>	<b>4.6529</b>	<b>1.1182</b>	<b>0.4985</b>	<b>1.6167</b>	<b>193.9498</b>	<b>8,511.2088</b>	<b>8,705.1585</b>	<b>10.9705</b>	<b>0.1134</b>	<b>9,013.2044</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678
Energy	0.0730	0.6365	0.3608	3.9800e-003		0.0504	0.0504		0.0504	0.0504	0.0000	3,764.8604	3,764.8604	0.1514	0.0417	3,781.0740
Mobile	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310
Waste						0.0000	0.0000		0.0000	0.0000	129.8594	0.0000	129.8594	7.6745	0.0000	321.7212
Water						0.0000	0.0000		0.0000	0.0000	27.8010	198.5539	226.3549	2.8644	0.0693	318.6105
<b>Total</b>	<b>9.6983</b>	<b>7.0761</b>	<b>24.8443</b>	<b>0.0585</b>	<b>4.1507</b>	<b>0.5022</b>	<b>4.6529</b>	<b>1.1182</b>	<b>0.4985</b>	<b>1.6167</b>	<b>193.9498</b>	<b>8,511.2088</b>	<b>8,705.1585</b>	<b>10.9705</b>	<b>0.1134</b>	<b>9,013.2044</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**



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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	11/1/2018	1/4/2019	6	56	
2	Building Construction	Building Construction	1/5/2019	11/19/2020	6	587	
3	Paving	Paving	11/20/2020	12/26/2020	6	32	
4	Architectural Coating	Architectural Coating	1/5/2019	1/30/2021	6	649	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 2.7**

**Residential Indoor: 2,018,520; Residential Outdoor: 672,840; Non-Residential Indoor: 402,735; Non-Residential Outdoor: 134,245; Striped Parking Area: 33,172 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	896.00	220.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	179.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Grading - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2084	0.0000	0.2084	0.0970	0.0000	0.0970	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1323	1.5476	0.9123	1.6100e-003		0.0685	0.0685		0.0630	0.0630	0.0000	147.2861	147.2861	0.0459	0.0000	148.4324
<b>Total</b>	<b>0.1323</b>	<b>1.5476</b>	<b>0.9123</b>	<b>1.6100e-003</b>	<b>0.2084</b>	<b>0.0685</b>	<b>0.2769</b>	<b>0.0970</b>	<b>0.0630</b>	<b>0.1600</b>	<b>0.0000</b>	<b>147.2861</b>	<b>147.2861</b>	<b>0.0459</b>	<b>0.0000</b>	<b>148.4324</b>

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**3.2 Grading - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	4.1100e-003	3.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
<b>Total</b>	<b>1.8600e-003</b>	<b>1.3300e-003</b>	<b>0.0142</b>	<b>5.0000e-005</b>	<b>4.1100e-003</b>	<b>3.0000e-005</b>	<b>4.1400e-003</b>	<b>1.0900e-003</b>	<b>3.0000e-005</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>4.1629</b>	<b>4.1629</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.1656</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0938	0.0000	0.0938	0.0436	0.0000	0.0436	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.0858	0.8580	1.6100e-003		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	147.2859	147.2859	0.0459	0.0000	148.4322
<b>Total</b>	<b>0.0198</b>	<b>0.0858</b>	<b>0.8580</b>	<b>1.6100e-003</b>	<b>0.0938</b>	<b>2.6400e-003</b>	<b>0.0964</b>	<b>0.0436</b>	<b>2.6400e-003</b>	<b>0.0463</b>	<b>0.0000</b>	<b>147.2859</b>	<b>147.2859</b>	<b>0.0459</b>	<b>0.0000</b>	<b>148.4322</b>

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**3.2 Grading - 2018**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.8000e-004	3.0000e-005	9.0000e-004	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
<b>Total</b>	<b>1.8600e-003</b>	<b>1.3300e-003</b>	<b>0.0142</b>	<b>5.0000e-005</b>	<b>3.2200e-003</b>	<b>3.0000e-005</b>	<b>3.2500e-003</b>	<b>8.8000e-004</b>	<b>3.0000e-005</b>	<b>9.0000e-004</b>	<b>0.0000</b>	<b>4.1629</b>	<b>4.1629</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.1656</b>

**3.2 Grading - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2084	0.0000	0.2084	0.0970	0.0000	0.0970	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4800e-003	0.1090	0.0668	1.2000e-004		4.7700e-003	4.7700e-003		4.3800e-003	4.3800e-003	0.0000	11.1403	11.1403	3.5200e-003	0.0000	11.2284
<b>Total</b>	<b>9.4800e-003</b>	<b>0.1090</b>	<b>0.0668</b>	<b>1.2000e-004</b>	<b>0.2084</b>	<b>4.7700e-003</b>	<b>0.2132</b>	<b>0.0970</b>	<b>4.3800e-003</b>	<b>0.1014</b>	<b>0.0000</b>	<b>11.1403</b>	<b>11.1403</b>	<b>3.5200e-003</b>	<b>0.0000</b>	<b>11.2284</b>

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**3.2 Grading - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.9000e-004	0.0000	3.2000e-004	0.0000	3.2000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3105
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>9.9000e-004</b>	<b>0.0000</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>3.2000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.3104</b>	<b>0.3104</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3105</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0938	0.0000	0.0938	0.0436	0.0000	0.0436	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5200e-003	6.6000e-003	0.0660	1.2000e-004		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	11.1403	11.1403	3.5200e-003	0.0000	11.2284
<b>Total</b>	<b>1.5200e-003</b>	<b>6.6000e-003</b>	<b>0.0660</b>	<b>1.2000e-004</b>	<b>0.0938</b>	<b>2.0000e-004</b>	<b>0.0940</b>	<b>0.0436</b>	<b>2.0000e-004</b>	<b>0.0438</b>	<b>0.0000</b>	<b>11.1403</b>	<b>11.1403</b>	<b>3.5200e-003</b>	<b>0.0000</b>	<b>11.2284</b>

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**3.2 Grading - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.9000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3105
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>9.9000e-004</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>2.5000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.3104</b>	<b>0.3104</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3105</b>

**3.3 Building Construction - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3648	3.2567	2.6518	4.1600e-003		0.1993	0.1993		0.1874	0.1874	0.0000	363.2360	363.2360	0.0885	0.0000	365.4482
<b>Total</b>	<b>0.3648</b>	<b>3.2567</b>	<b>2.6518</b>	<b>4.1600e-003</b>		<b>0.1993</b>	<b>0.1993</b>		<b>0.1874</b>	<b>0.1874</b>	<b>0.0000</b>	<b>363.2360</b>	<b>363.2360</b>	<b>0.0885</b>	<b>0.0000</b>	<b>365.4482</b>

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**3.3 Building Construction - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1537	4.6370	1.3764	9.3500e-003	0.2222	0.0287	0.2509	0.0642	0.0275	0.0917	0.0000	950.3097	950.3097	0.1281	0.0000	953.5131
Worker	0.4537	0.3138	3.4105	0.0119	1.0939	8.4600e-003	1.1023	0.2910	7.7900e-003	0.2988	0.0000	1,074.0556	1,074.0556	0.0256	0.0000	1,074.6950
<b>Total</b>	<b>0.6074</b>	<b>4.9509</b>	<b>4.7869</b>	<b>0.0212</b>	<b>1.3160</b>	<b>0.0372</b>	<b>1.3532</b>	<b>0.3552</b>	<b>0.0353</b>	<b>0.3905</b>	<b>0.0000</b>	<b>2,024.3653</b>	<b>2,024.3653</b>	<b>0.1537</b>	<b>0.0000</b>	<b>2,028.2081</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0507	0.3453	2.6976	4.1600e-003		6.3000e-003	6.3000e-003		6.3000e-003	6.3000e-003	0.0000	363.2356	363.2356	0.0885	0.0000	365.4477
<b>Total</b>	<b>0.0507</b>	<b>0.3453</b>	<b>2.6976</b>	<b>4.1600e-003</b>		<b>6.3000e-003</b>	<b>6.3000e-003</b>		<b>6.3000e-003</b>	<b>6.3000e-003</b>	<b>0.0000</b>	<b>363.2356</b>	<b>363.2356</b>	<b>0.0885</b>	<b>0.0000</b>	<b>365.4477</b>



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**3.3 Building Construction - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1537	4.6370	1.3764	9.3500e-003	0.1830	0.0287	0.2117	0.0546	0.0275	0.0821	0.0000	950.3097	950.3097	0.1281	0.0000	953.5131
Worker	0.4537	0.3138	3.4105	0.0119	0.8576	8.4600e-003	0.8661	0.2330	7.7900e-003	0.2408	0.0000	1,074.0556	1,074.0556	0.0256	0.0000	1,074.6950
<b>Total</b>	<b>0.6074</b>	<b>4.9509</b>	<b>4.7869</b>	<b>0.0212</b>	<b>1.0406</b>	<b>0.0372</b>	<b>1.0777</b>	<b>0.2876</b>	<b>0.0353</b>	<b>0.3229</b>	<b>0.0000</b>	<b>2,024.3653</b>	<b>2,024.3653</b>	<b>0.1537</b>	<b>0.0000</b>	<b>2,028.2081</b>

**3.3 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2947	2.6669	2.3419	3.7400e-003		0.1553	0.1553		0.1460	0.1460	0.0000	321.9379	321.9379	0.0785	0.0000	323.9014
<b>Total</b>	<b>0.2947</b>	<b>2.6669</b>	<b>2.3419</b>	<b>3.7400e-003</b>		<b>0.1553</b>	<b>0.1553</b>		<b>0.1460</b>	<b>0.1460</b>	<b>0.0000</b>	<b>321.9379</b>	<b>321.9379</b>	<b>0.0785</b>	<b>0.0000</b>	<b>323.9014</b>

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**3.3 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1125	3.8282	1.1309	8.2900e-003	0.1999	0.0169	0.2168	0.0578	0.0162	0.0740	0.0000	846.4867	846.4867	0.1129	0.0000	849.3103
Worker	0.3785	0.2519	2.7990	0.0103	0.9841	7.5700e-003	0.9917	0.2618	6.9700e-003	0.2688	0.0000	935.3186	935.3186	0.0205	0.0000	935.8311
<b>Total</b>	<b>0.4910</b>	<b>4.0800</b>	<b>3.9299</b>	<b>0.0186</b>	<b>1.1840</b>	<b>0.0245</b>	<b>1.2085</b>	<b>0.3196</b>	<b>0.0232</b>	<b>0.3427</b>	<b>0.0000</b>	<b>1,781.8054</b>	<b>1,781.8054</b>	<b>0.1334</b>	<b>0.0000</b>	<b>1,785.1414</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0456	0.3106	2.4270	3.7400e-003		5.6700e-003	5.6700e-003		5.6700e-003	5.6700e-003	0.0000	321.9375	321.9375	0.0785	0.0000	323.9010
<b>Total</b>	<b>0.0456</b>	<b>0.3106</b>	<b>2.4270</b>	<b>3.7400e-003</b>		<b>5.6700e-003</b>	<b>5.6700e-003</b>		<b>5.6700e-003</b>	<b>5.6700e-003</b>	<b>0.0000</b>	<b>321.9375</b>	<b>321.9375</b>	<b>0.0785</b>	<b>0.0000</b>	<b>323.9010</b>

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**3.3 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1125	3.8282	1.1309	8.2900e-003	0.1646	0.0169	0.1815	0.0491	0.0162	0.0653	0.0000	846.4867	846.4867	0.1129	0.0000	849.3103
Worker	0.3785	0.2519	2.7990	0.0103	0.7716	7.5700e-003	0.7792	0.2096	6.9700e-003	0.2166	0.0000	935.3186	935.3186	0.0205	0.0000	935.8311
<b>Total</b>	<b>0.4910</b>	<b>4.0800</b>	<b>3.9299</b>	<b>0.0186</b>	<b>0.9362</b>	<b>0.0245</b>	<b>0.9607</b>	<b>0.2588</b>	<b>0.0232</b>	<b>0.2819</b>	<b>0.0000</b>	<b>1,781.8054</b>	<b>1,781.8054</b>	<b>0.1334</b>	<b>0.0000</b>	<b>1,785.1414</b>

**3.4 Paving - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0217	0.2251	0.2344	3.6000e-004		0.0120	0.0120		0.0111	0.0111	0.0000	32.0452	32.0452	0.0104	0.0000	32.3043
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0235</b>	<b>0.2251</b>	<b>0.2344</b>	<b>3.6000e-004</b>		<b>0.0120</b>	<b>0.0120</b>		<b>0.0111</b>	<b>0.0111</b>	<b>0.0000</b>	<b>32.0452</b>	<b>32.0452</b>	<b>0.0104</b>	<b>0.0000</b>	<b>32.3043</b>

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**3.4 Paving - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.9000e-003	1.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
<b>Total</b>	<b>7.3000e-004</b>	<b>4.9000e-004</b>	<b>5.3900e-003</b>	<b>2.0000e-005</b>	<b>1.9000e-003</b>	<b>1.0000e-005</b>	<b>1.9100e-003</b>	<b>5.0000e-004</b>	<b>1.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>1.8024</b>	<b>1.8024</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.8034</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4900e-003	0.0195	0.2767	3.6000e-004		6.0000e-004	6.0000e-004		6.0000e-004	6.0000e-004	0.0000	32.0451	32.0451	0.0104	0.0000	32.3042
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>6.2600e-003</b>	<b>0.0195</b>	<b>0.2767</b>	<b>3.6000e-004</b>		<b>6.0000e-004</b>	<b>6.0000e-004</b>		<b>6.0000e-004</b>	<b>6.0000e-004</b>	<b>0.0000</b>	<b>32.0451</b>	<b>32.0451</b>	<b>0.0104</b>	<b>0.0000</b>	<b>32.3042</b>

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**3.4 Paving - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
<b>Total</b>	<b>7.3000e-004</b>	<b>4.9000e-004</b>	<b>5.3900e-003</b>	<b>2.0000e-005</b>	<b>1.4900e-003</b>	<b>1.0000e-005</b>	<b>1.5000e-003</b>	<b>4.0000e-004</b>	<b>1.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.8024</b>	<b>1.8024</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>1.8034</b>

**3.5 Architectural Coating - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.0623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0412	0.2836	0.2845	4.6000e-004		0.0199	0.0199		0.0199	0.0199	0.0000	39.4478	39.4478	3.3300e-003	0.0000	39.5311
<b>Total</b>	<b>4.1035</b>	<b>0.2836</b>	<b>0.2845</b>	<b>4.6000e-004</b>		<b>0.0199</b>	<b>0.0199</b>		<b>0.0199</b>	<b>0.0199</b>	<b>0.0000</b>	<b>39.4478</b>	<b>39.4478</b>	<b>3.3300e-003</b>	<b>0.0000</b>	<b>39.5311</b>

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**3.5 Architectural Coating - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0906	0.0627	0.6813	2.3700e-003	0.2185	1.6900e-003	0.2202	0.0581	1.5600e-003	0.0597	0.0000	214.5714	214.5714	5.1100e-003	0.0000	214.6991
<b>Total</b>	<b>0.0906</b>	<b>0.0627</b>	<b>0.6813</b>	<b>2.3700e-003</b>	<b>0.2185</b>	<b>1.6900e-003</b>	<b>0.2202</b>	<b>0.0581</b>	<b>1.5600e-003</b>	<b>0.0597</b>	<b>0.0000</b>	<b>214.5714</b>	<b>214.5714</b>	<b>5.1100e-003</b>	<b>0.0000</b>	<b>214.6991</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.0623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5900e-003	0.0199	0.2831	4.6000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.4477	39.4477	3.3300e-003	0.0000	39.5310
<b>Total</b>	<b>4.0669</b>	<b>0.0199</b>	<b>0.2831</b>	<b>4.6000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>39.4477</b>	<b>39.4477</b>	<b>3.3300e-003</b>	<b>0.0000</b>	<b>39.5310</b>

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**3.5 Architectural Coating - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0906	0.0627	0.6813	2.3700e-003	0.1713	1.6900e-003	0.1730	0.0466	1.5600e-003	0.0481	0.0000	214.5714	214.5714	5.1100e-003	0.0000	214.6991
<b>Total</b>	<b>0.0906</b>	<b>0.0627</b>	<b>0.6813</b>	<b>2.3700e-003</b>	<b>0.1713</b>	<b>1.6900e-003</b>	<b>0.1730</b>	<b>0.0466</b>	<b>1.5600e-003</b>	<b>0.0481</b>	<b>0.0000</b>	<b>214.5714</b>	<b>214.5714</b>	<b>5.1100e-003</b>	<b>0.0000</b>	<b>214.6991</b>

**3.5 Architectural Coating - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1281					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0380	0.2644	0.2875	4.7000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	40.0861	40.0861	3.1000e-003	0.0000	40.1637
<b>Total</b>	<b>4.1661</b>	<b>0.2644</b>	<b>0.2875</b>	<b>4.7000e-004</b>		<b>0.0174</b>	<b>0.0174</b>		<b>0.0174</b>	<b>0.0174</b>	<b>0.0000</b>	<b>40.0861</b>	<b>40.0861</b>	<b>3.1000e-003</b>	<b>0.0000</b>	<b>40.1637</b>

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**3.5 Architectural Coating - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0854	0.0568	0.6316	2.3300e-003	0.2221	1.7100e-003	0.2238	0.0591	1.5700e-003	0.0607	0.0000	211.0520	211.0520	4.6300e-003	0.0000	211.1676
<b>Total</b>	<b>0.0854</b>	<b>0.0568</b>	<b>0.6316</b>	<b>2.3300e-003</b>	<b>0.2221</b>	<b>1.7100e-003</b>	<b>0.2238</b>	<b>0.0591</b>	<b>1.5700e-003</b>	<b>0.0607</b>	<b>0.0000</b>	<b>211.0520</b>	<b>211.0520</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>211.1676</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.1281					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0202	0.2877	4.7000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	40.0860	40.0860	3.1000e-003	0.0000	40.1636
<b>Total</b>	<b>4.1327</b>	<b>0.0202</b>	<b>0.2877</b>	<b>4.7000e-004</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>40.0860</b>	<b>40.0860</b>	<b>3.1000e-003</b>	<b>0.0000</b>	<b>40.1636</b>



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**3.5 Architectural Coating - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0854	0.0568	0.6316	2.3300e-003	0.1741	1.7100e-003	0.1758	0.0473	1.5700e-003	0.0489	0.0000	211.0520	211.0520	4.6300e-003	0.0000	211.1676
<b>Total</b>	<b>0.0854</b>	<b>0.0568</b>	<b>0.6316</b>	<b>2.3300e-003</b>	<b>0.1741</b>	<b>1.7100e-003</b>	<b>0.1758</b>	<b>0.0473</b>	<b>1.5700e-003</b>	<b>0.0489</b>	<b>0.0000</b>	<b>211.0520</b>	<b>211.0520</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>211.1676</b>

**3.5 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8500e-003	0.0199	0.0236	4.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
<b>Total</b>	<b>0.3447</b>	<b>0.0199</b>	<b>0.0236</b>	<b>4.0000e-005</b>		<b>1.2200e-003</b>	<b>1.2200e-003</b>		<b>1.2200e-003</b>	<b>1.2200e-003</b>	<b>0.0000</b>	<b>3.3192</b>	<b>3.3192</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>3.3249</b>

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**3.5 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6200e-003	4.2300e-003	0.0484	1.9000e-004	0.0184	1.4000e-004	0.0185	4.8900e-003	1.3000e-004	5.0200e-003	0.0000	16.8515	16.8515	3.5000e-004	0.0000	16.8602
<b>Total</b>	<b>6.6200e-003</b>	<b>4.2300e-003</b>	<b>0.0484</b>	<b>1.9000e-004</b>	<b>0.0184</b>	<b>1.4000e-004</b>	<b>0.0185</b>	<b>4.8900e-003</b>	<b>1.3000e-004</b>	<b>5.0200e-003</b>	<b>0.0000</b>	<b>16.8515</b>	<b>16.8515</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>16.8602</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3418					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9000e-004	1.6700e-003	0.0238	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
<b>Total</b>	<b>0.3422</b>	<b>1.6700e-003</b>	<b>0.0238</b>	<b>4.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>3.3192</b>	<b>3.3192</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>3.3249</b>

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**3.5 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.6200e-003	4.2300e-003	0.0484	1.9000e-004	0.0144	1.4000e-004	0.0146	3.9200e-003	1.3000e-004	4.0400e-003	0.0000	16.8515	16.8515	3.5000e-004	0.0000	16.8602
<b>Total</b>	<b>6.6200e-003</b>	<b>4.2300e-003</b>	<b>0.0484</b>	<b>1.9000e-004</b>	<b>0.0144</b>	<b>1.4000e-004</b>	<b>0.0146</b>	<b>3.9200e-003</b>	<b>1.3000e-004</b>	<b>4.0400e-003</b>	<b>0.0000</b>	<b>16.8515</b>	<b>16.8515</b>	<b>3.5000e-004</b>	<b>0.0000</b>	<b>16.8602</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310
Unmitigated	1.7787	6.3290	16.0291	0.0492	4.1507	0.0574	4.2082	1.1182	0.0538	1.1720	0.0000	4,523.2173	4,523.2173	0.2126	0.0000	4,528.5310

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	23.52	23.52	23.52	1,052	1,052
Condo/Townhouse High Rise	2,937.24	2,937.24	2,937.24	6,360,673	6,360,673
Elementary School	1,279.00	0.00	0.00	1,588,805	1,588,805
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	1,471.16	1,471.16	1,471.16	2,900,202	2,900,202
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	3,644.67	3,644.67	3,644.67	247,687	247,687
<b>Total</b>	<b>9,355.59</b>	<b>8,076.59</b>	<b>8,076.59</b>	<b>11,098,418</b>	<b>11,098,418</b>

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.70	6.70	6.70	31.00	15.00	54.00	86	11	3
Elementary School	9.50	1.14	7.30	65.00	30.00	5.00	63	25	12
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Office Building	6.62	6.62	6.62	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Condo/Townhouse High Rise	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Elementary School	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Enclosed Parking with Elevator	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
General Office Building	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Regional Shopping Center	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	3,042.7524	3,042.7524	0.1376	0.0285	3,054.6748	
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	3,042.7524	3,042.7524	0.1376	0.0285	3,054.6748	
NaturalGas Mitigated	0.0730	0.6365	0.3608	3.9800e-003			0.0504	0.0504		0.0504	0.0504	0.0000	722.1080	722.1080	0.0138	0.0132	726.3992
NaturalGas Unmitigated	0.0730	0.6365	0.3608	3.9800e-003			0.0504	0.0504		0.0504	0.0504	0.0000	722.1080	722.1080	0.0138	0.0132	726.3992

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	9.10591e+006	0.0491	0.4196	0.1786	2.6800e-003		0.0339	0.0339		0.0339	0.0339	0.0000	485.9258	485.9258	9.3100e-003	8.9100e-003	488.8134
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	3.39714e+006	0.0183	0.1665	0.1399	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	181.2844	181.2844	3.4700e-003	3.3200e-003	182.3616
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	201247	1.0900e-003	9.8700e-003	8.2900e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	10.7393	10.7393	2.1000e-004	2.0000e-004	10.8031
<b>Total</b>		<b>0.0730</b>	<b>0.6366</b>	<b>0.3608</b>	<b>3.9800e-003</b>		<b>0.0504</b>	<b>0.0504</b>		<b>0.0504</b>	<b>0.0504</b>	<b>0.0000</b>	<b>722.1080</b>	<b>722.1080</b>	<b>0.0138</b>	<b>0.0132</b>	<b>726.3992</b>

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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	9.10591e+006	0.0491	0.4196	0.1786	2.6800e-003		0.0339	0.0339		0.0339	0.0339	0.0000	485.9258	485.9258	9.3100e-003	8.9100e-003	488.8134
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	3.39714e+006	0.0183	0.1665	0.1399	1.0000e-003		0.0127	0.0127		0.0127	0.0127	0.0000	181.2844	181.2844	3.4700e-003	3.3200e-003	182.3616
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	201247	1.0900e-003	9.8700e-003	8.2900e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004	0.0000	10.7393	10.7393	2.1000e-004	2.0000e-004	10.8031
<b>Total</b>		<b>0.0730</b>	<b>0.6366</b>	<b>0.3608</b>	<b>3.9800e-003</b>		<b>0.0504</b>	<b>0.0504</b>		<b>0.0504</b>	<b>0.0504</b>	<b>0.0000</b>	<b>722.1080</b>	<b>722.1080</b>	<b>0.0138</b>	<b>0.0132</b>	<b>726.3992</b>



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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	3.80572e+006	1,107.1264	0.0501	0.0104	1,111.4644
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	3.72628e+006	1,084.0165	0.0490	0.0101	1,088.2640
General Office Building	2.23386e+006	649.8544	0.0294	6.0800e-003	652.4007
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	466528	135.7182	6.1400e-003	1.2700e-003	136.2500
<b>Total</b>		<b>3,042.7524</b>	<b>0.1376</b>	<b>0.0285</b>	<b>3,054.6748</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	3.80572e+006	1,107.1264	0.0501	0.0104	1,111.4644
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	3.72628e+006	1,084.0165	0.0490	0.0101	1,088.2640
General Office Building	2.23386e+006	649.8544	0.0294	6.0800e-003	652.4007
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	466528	135.7182	6.1400e-003	1.2700e-003	136.2500
<b>Total</b>		<b>3,042.7524</b>	<b>0.1376</b>	<b>0.0285</b>	<b>3,054.6748</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678
Unmitigated	7.8467	0.1106	8.4545	5.3500e-003		0.3943	0.3943		0.3943	0.3943	36.2894	24.5772	60.8666	0.0677	2.3800e-003	63.2678

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9773					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.8366	0.0423	2.5290	5.0300e-003		0.3616	0.3616		0.3616	0.3616	36.2894	14.9058	51.1952	0.0583	2.3800e-003	53.3625
Landscaping	0.1795	0.0683	5.9254	3.1000e-004		0.0327	0.0327		0.0327	0.0327	0.0000	9.6713	9.6713	9.3600e-003	0.0000	9.9053
<b>Total</b>	<b>7.8467</b>	<b>0.1106</b>	<b>8.4545</b>	<b>5.3400e-003</b>		<b>0.3943</b>	<b>0.3943</b>		<b>0.3943</b>	<b>0.3943</b>	<b>36.2894</b>	<b>24.5772</b>	<b>60.8666</b>	<b>0.0677</b>	<b>2.3800e-003</b>	<b>63.2678</b>

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.8532					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9773					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.8366	0.0423	2.5290	5.0300e-003		0.3616	0.3616		0.3616	0.3616	36.2894	14.9058	51.1952	0.0583	2.3800e-003	53.3625
Landscaping	0.1795	0.0683	5.9254	3.1000e-004		0.0327	0.0327		0.0327	0.0327	0.0000	9.6713	9.6713	9.3600e-003	0.0000	9.9053
<b>Total</b>	<b>7.8467</b>	<b>0.1106</b>	<b>8.4545</b>	<b>5.3400e-003</b>		<b>0.3943</b>	<b>0.3943</b>		<b>0.3943</b>	<b>0.3943</b>	<b>36.2894</b>	<b>24.5772</b>	<b>60.8666</b>	<b>0.0677</b>	<b>2.3800e-003</b>	<b>63.2678</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	226.3549	2.8644	0.0693	318.6105
Unmitigated	226.3549	2.8644	0.0693	318.6105

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	51.8626 / 32.696	131.3824	1.6951	0.0410	185.9725
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	31.091 / 19.0558	78.2071	1.0162	0.0246	110.9310
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3.2266 / 1.97759	8.1163	0.1055	2.5500e-003	11.5123
<b>Total</b>		<b>226.3549</b>	<b>2.8644</b>	<b>0.0693</b>	<b>318.6105</b>

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	51.8626 / 32.696	131.3824	1.6951	0.0410	185.9725
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	31.091 / 19.0558	78.2071	1.0162	0.0246	110.9310
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	3.2266 / 1.97759	8.1163	0.1055	2.5500e-003	11.5123
<b>Total</b>		<b>226.3549</b>	<b>2.8644</b>	<b>0.0693</b>	<b>318.6105</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	129.8594	7.6745	0.0000	321.7212
Unmitigated	129.8594	7.6745	0.0000	321.7212



## IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	366.16	74.3272	4.3926	0.0000	184.1424
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	162.68	33.0226	1.9516	0.0000	81.8120
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	45.74	9.2848	0.5487	0.0000	23.0027
<b>Total</b>		<b>129.8594</b>	<b>7.6745</b>	<b>0.0000</b>	<b>321.7212</b>

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**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	366.16	74.3272	4.3926	0.0000	184.1424
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	162.68	33.0226	1.9516	0.0000	81.8120
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	45.74	9.2848	0.5487	0.0000	23.0027
<b>Total</b>		<b>129.8594</b>	<b>7.6745</b>	<b>0.0000</b>	<b>321.7212</b>

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

IB-BUILD Hamman, Hillside Cove - San Francisco County, Annual

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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IB-BUILD Big Green - San Francisco County, Annual

**IB-BUILD Big Green**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	3.74	Acre	3.74	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps - Assumed two of the eight total emergency generators would be assigned to this portion of the project.



## IB-BUILD Big Green - San Francisco County, Annual

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	230.00	218.00
tblConstructionPhase	NumDays	8.00	7.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	3.50	4.00
tblLandUse	GreenSpaceSquareFeet	162,914.40	0.00
tblLandUse	LandUseSquareFeet	162,914.40	0.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	WorkerTripNumber	0.00	23.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	WD_TR	1.89	13.52

## 2.0 Emissions Summary

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IB-BUILD Big Green - San Francisco County, Annual

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2020	9-30-2020	0.8700	0.1031
2	10-1-2020	12-31-2020	0.8451	0.1061
3	1-1-2021	3-31-2021	0.7121	0.0962
4	4-1-2021	6-30-2021	0.0623	0.0065
		Highest	0.8700	0.1061

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097
Waste						0.0000	0.0000		0.0000	0.0000	0.0650	0.0000	0.0650	3.8400e-003	0.0000	0.1609
Water						0.0000	0.0000		0.0000	0.0000	0.0000	4.5372	4.5372	2.1000e-004	4.0000e-005	4.5550
<b>Total</b>	<b>7.2500e-003</b>	<b>0.0198</b>	<b>0.0367</b>	<b>3.0000e-005</b>	<b>8.5000e-004</b>	<b>6.0000e-005</b>	<b>9.1000e-004</b>	<b>2.3000e-004</b>	<b>6.0000e-005</b>	<b>2.9000e-004</b>	<b>0.0650</b>	<b>7.2380</b>	<b>7.3029</b>	<b>4.4100e-003</b>	<b>4.0000e-005</b>	<b>7.4257</b>



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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097
Waste						0.0000	0.0000		0.0000	0.0000	0.0650	0.0000	0.0650	3.8400e-003	0.0000	0.1609
Water						0.0000	0.0000		0.0000	0.0000	0.0000	4.5372	4.5372	2.1000e-004	4.0000e-005	4.5550
<b>Total</b>	<b>7.2500e-003</b>	<b>0.0198</b>	<b>0.0367</b>	<b>3.0000e-005</b>	<b>8.5000e-004</b>	<b>6.0000e-005</b>	<b>9.1000e-004</b>	<b>2.3000e-004</b>	<b>6.0000e-005</b>	<b>2.9000e-004</b>	<b>0.0650</b>	<b>7.2380</b>	<b>7.3029</b>	<b>4.4100e-003</b>	<b>4.0000e-005</b>	<b>7.4257</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	7/1/2020	7/8/2020	6	7	
2	Building Construction	Building Construction	7/9/2020	3/19/2021	6	218	
3	Paving	Paving	3/20/2021	4/9/2021	6	18	
4	Architectural Coating	Architectural Coating	4/10/2021	4/30/2021	6	18	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 4**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0232	0.0000	0.0232	0.0118	0.0000	0.0118	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.5000e-003	0.0924	0.0562	1.0000e-004		4.4600e-003	4.4600e-003		4.1000e-003	4.1000e-003	0.0000	9.1206	9.1206	2.9500e-003	0.0000	9.1943
<b>Total</b>	<b>8.5000e-003</b>	<b>0.0924</b>	<b>0.0562</b>	<b>1.0000e-004</b>	<b>0.0232</b>	<b>4.4600e-003</b>	<b>0.0277</b>	<b>0.0118</b>	<b>4.1000e-003</b>	<b>0.0159</b>	<b>0.0000</b>	<b>9.1206</b>	<b>9.1206</b>	<b>2.9500e-003</b>	<b>0.0000</b>	<b>9.1943</b>

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**3.2 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1800e-003	0.0000	4.1000e-004	0.0000	4.2000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3943	0.3943	1.0000e-005	0.0000	0.3945
<b>Total</b>	<b>1.6000e-004</b>	<b>1.1000e-004</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>4.2000e-004</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.3943</b>	<b>0.3943</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3945</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0104	0.0000	0.0104	5.3200e-003	0.0000	5.3200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2700e-003	5.5100e-003	0.0621	1.0000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	9.1206	9.1206	2.9500e-003	0.0000	9.1943
<b>Total</b>	<b>1.2700e-003</b>	<b>5.5100e-003</b>	<b>0.0621</b>	<b>1.0000e-004</b>	<b>0.0104</b>	<b>1.7000e-004</b>	<b>0.0106</b>	<b>5.3200e-003</b>	<b>1.7000e-004</b>	<b>5.4900e-003</b>	<b>0.0000</b>	<b>9.1206</b>	<b>9.1206</b>	<b>2.9500e-003</b>	<b>0.0000</b>	<b>9.1943</b>

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**3.2 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.1800e-003	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3943	0.3943	1.0000e-005	0.0000	0.3945
<b>Total</b>	<b>1.6000e-004</b>	<b>1.1000e-004</b>	<b>1.1800e-003</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>3.3000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.3943</b>	<b>0.3943</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3945</b>

**3.3 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1601	1.4486	1.2721	2.0300e-003		0.0843	0.0843		0.0793	0.0793	0.0000	174.8655	174.8655	0.0427	0.0000	175.9321
<b>Total</b>	<b>0.1601</b>	<b>1.4486</b>	<b>1.2721</b>	<b>2.0300e-003</b>		<b>0.0843</b>	<b>0.0843</b>		<b>0.0793</b>	<b>0.0793</b>	<b>0.0000</b>	<b>174.8655</b>	<b>174.8655</b>	<b>0.0427</b>	<b>0.0000</b>	<b>175.9321</b>

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**3.3 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2800e-003	3.5100e-003	0.0390	1.4000e-004	0.0137	1.1000e-004	0.0138	3.6500e-003	1.0000e-004	3.7500e-003	0.0000	13.0410	13.0410	2.9000e-004	0.0000	13.0482
<b>Total</b>	<b>5.2800e-003</b>	<b>3.5100e-003</b>	<b>0.0390</b>	<b>1.4000e-004</b>	<b>0.0137</b>	<b>1.1000e-004</b>	<b>0.0138</b>	<b>3.6500e-003</b>	<b>1.0000e-004</b>	<b>3.7500e-003</b>	<b>0.0000</b>	<b>13.0410</b>	<b>13.0410</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>13.0482</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0248	0.1687	1.3183	2.0300e-003		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	174.8653	174.8653	0.0427	0.0000	175.9319
<b>Total</b>	<b>0.0248</b>	<b>0.1687</b>	<b>1.3183</b>	<b>2.0300e-003</b>		<b>3.0800e-003</b>	<b>3.0800e-003</b>		<b>3.0800e-003</b>	<b>3.0800e-003</b>	<b>0.0000</b>	<b>174.8653</b>	<b>174.8653</b>	<b>0.0427</b>	<b>0.0000</b>	<b>175.9319</b>

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**3.3 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.2800e-003	3.5100e-003	0.0390	1.4000e-004	0.0108	1.1000e-004	0.0109	2.9200e-003	1.0000e-004	3.0200e-003	0.0000	13.0410	13.0410	2.9000e-004	0.0000	13.0482
<b>Total</b>	<b>5.2800e-003</b>	<b>3.5100e-003</b>	<b>0.0390</b>	<b>1.4000e-004</b>	<b>0.0108</b>	<b>1.1000e-004</b>	<b>0.0109</b>	<b>2.9200e-003</b>	<b>1.0000e-004</b>	<b>3.0200e-003</b>	<b>0.0000</b>	<b>13.0410</b>	<b>13.0410</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>13.0482</b>

**3.3 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0637	0.5840	0.5553	9.0000e-004		0.0321	0.0321		0.0302	0.0302	0.0000	77.5985	77.5985	0.0187	0.0000	78.0665
<b>Total</b>	<b>0.0637</b>	<b>0.5840</b>	<b>0.5553</b>	<b>9.0000e-004</b>		<b>0.0321</b>	<b>0.0321</b>		<b>0.0302</b>	<b>0.0302</b>	<b>0.0000</b>	<b>77.5985</b>	<b>77.5985</b>	<b>0.0187</b>	<b>0.0000</b>	<b>78.0665</b>



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**3.3 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1900e-003	1.4000e-003	0.0160	6.0000e-005	6.0900e-003	5.0000e-005	6.1300e-003	1.6200e-003	4.0000e-005	1.6600e-003	0.0000	5.5798	5.5798	1.1000e-004	0.0000	5.5826
<b>Total</b>	<b>2.1900e-003</b>	<b>1.4000e-003</b>	<b>0.0160</b>	<b>6.0000e-005</b>	<b>6.0900e-003</b>	<b>5.0000e-005</b>	<b>6.1300e-003</b>	<b>1.6200e-003</b>	<b>4.0000e-005</b>	<b>1.6600e-003</b>	<b>0.0000</b>	<b>5.5798</b>	<b>5.5798</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>5.5826</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.0749	0.5849	9.0000e-004		1.3700e-003	1.3700e-003		1.3700e-003	1.3700e-003	0.0000	77.5984	77.5984	0.0187	0.0000	78.0664
<b>Total</b>	<b>0.0110</b>	<b>0.0749</b>	<b>0.5849</b>	<b>9.0000e-004</b>		<b>1.3700e-003</b>	<b>1.3700e-003</b>		<b>1.3700e-003</b>	<b>1.3700e-003</b>	<b>0.0000</b>	<b>77.5984</b>	<b>77.5984</b>	<b>0.0187</b>	<b>0.0000</b>	<b>78.0664</b>

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**3.3 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1900e-003	1.4000e-003	0.0160	6.0000e-005	4.7700e-003	5.0000e-005	4.8200e-003	1.3000e-003	4.0000e-005	1.3400e-003	0.0000	5.5798	5.5798	1.1000e-004	0.0000	5.5826
<b>Total</b>	<b>2.1900e-003</b>	<b>1.4000e-003</b>	<b>0.0160</b>	<b>6.0000e-005</b>	<b>4.7700e-003</b>	<b>5.0000e-005</b>	<b>4.8200e-003</b>	<b>1.3000e-003</b>	<b>4.0000e-005</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>5.5798</b>	<b>5.5798</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>5.5826</b>

**3.4 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8500e-003	0.0976	0.1103	1.7000e-004		5.2100e-003	5.2100e-003		4.8100e-003	4.8100e-003	0.0000	14.7336	14.7336	4.6300e-003	0.0000	14.8493
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>9.8500e-003</b>	<b>0.0976</b>	<b>0.1103</b>	<b>1.7000e-004</b>		<b>5.2100e-003</b>	<b>5.2100e-003</b>		<b>4.8100e-003</b>	<b>4.8100e-003</b>	<b>0.0000</b>	<b>14.7336</b>	<b>14.7336</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>14.8493</b>

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**3.4 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.3000e-004	3.7400e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3035	1.3035	3.0000e-005	0.0000	1.3042
<b>Total</b>	<b>5.1000e-004</b>	<b>3.3000e-004</b>	<b>3.7400e-003</b>	<b>1.0000e-005</b>	<b>1.4200e-003</b>	<b>1.0000e-005</b>	<b>1.4300e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.3035</b>	<b>1.3035</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.3042</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	8.5600e-003	0.1218	1.7000e-004		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004	0.0000	14.7335	14.7335	4.6300e-003	0.0000	14.8493
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.9700e-003</b>	<b>8.5600e-003</b>	<b>0.1218</b>	<b>1.7000e-004</b>		<b>2.6000e-004</b>	<b>2.6000e-004</b>		<b>2.6000e-004</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>14.7335</b>	<b>14.7335</b>	<b>4.6300e-003</b>	<b>0.0000</b>	<b>14.8493</b>

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**3.4 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.3000e-004	3.7400e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	1.3035	1.3035	3.0000e-005	0.0000	1.3042
<b>Total</b>	<b>5.1000e-004</b>	<b>3.3000e-004</b>	<b>3.7400e-003</b>	<b>1.0000e-005</b>	<b>1.1200e-003</b>	<b>1.0000e-005</b>	<b>1.1300e-003</b>	<b>3.0000e-004</b>	<b>1.0000e-005</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.3035</b>	<b>1.3035</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.3042</b>

**3.5 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9700e-003	0.0137	0.0164	3.0000e-005		8.5000e-004	8.5000e-004		8.5000e-004	8.5000e-004	0.0000	2.2979	2.2979	1.6000e-004	0.0000	2.3019
<b>Total</b>	<b>1.9700e-003</b>	<b>0.0137</b>	<b>0.0164</b>	<b>3.0000e-005</b>		<b>8.5000e-004</b>	<b>8.5000e-004</b>		<b>8.5000e-004</b>	<b>8.5000e-004</b>	<b>0.0000</b>	<b>2.2979</b>	<b>2.2979</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>2.3019</b>

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**3.5 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3259	0.3259	1.0000e-005	0.0000	0.3261
<b>Total</b>	<b>1.3000e-004</b>	<b>8.0000e-005</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3259</b>	<b>0.3259</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3261</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7000e-004	1.1600e-003	0.0165	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.2979	2.2979	1.6000e-004	0.0000	2.3019
<b>Total</b>	<b>2.7000e-004</b>	<b>1.1600e-003</b>	<b>0.0165</b>	<b>3.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.2979</b>	<b>2.2979</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>2.3019</b>

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**3.5 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	2.8000e-004	0.0000	2.8000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.3259	0.3259	1.0000e-005	0.0000	0.3261
<b>Total</b>	<b>1.3000e-004</b>	<b>8.0000e-005</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>2.8000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>0.3259</b>	<b>0.3259</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3261</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097
Unmitigated	7.2500e-003	0.0198	0.0367	3.0000e-005	8.5000e-004	6.0000e-005	9.1000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	2.7007	2.7007	3.6000e-004	0.0000	2.7097

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	50.56	50.56	50.56	2,260	2,260
Total	50.56	50.56	50.56	2,260	2,260

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N





IB-BUILD Big Green - San Francisco County, Annual

**5.2 Energy by Land Use - Natural Gas**

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
Unmitigated	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005

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**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>7.0000e-005</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	7.0000e-005
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>7.0000e-005</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	4.5372	2.1000e-004	4.0000e-005	4.5550
Unmitigated	4.5372	2.1000e-004	4.0000e-005	4.5550

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.45614	4.5372	2.1000e-004	4.0000e-005	4.5550
<b>Total</b>		<b>4.5372</b>	<b>2.1000e-004</b>	<b>4.0000e-005</b>	<b>4.5550</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.45614	4.5372	2.1000e-004	4.0000e-005	4.5550
<b>Total</b>		<b>4.5372</b>	<b>2.1000e-004</b>	<b>4.0000e-005</b>	<b>4.5550</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0650	3.8400e-003	0.0000	0.1609
Unmitigated	0.0650	3.8400e-003	0.0000	0.1609

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
<b>Total</b>		<b>0.0650</b>	<b>3.8400e-003</b>	<b>0.0000</b>	<b>0.1609</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
<b>Total</b>		<b>0.0650</b>	<b>3.8400e-003</b>	<b>0.0000</b>	<b>0.1609</b>

**9.0 Operational Offroad**

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

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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IB-BUILD Shoreline Wetlands OS - San Francisco County, Annual

**IB-BUILD Shoreline Wetlands OS**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	5.13	Acre	5.13	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; City Pk LU incl. Structure, Ramps, Piers Over Water sf'gcc. Near/over-water constr emiss calc'd outside CalEEMod.

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.





## IB-BUILD Shoreline Wetlands OS - San Francisco County, Annual

tblConstructionPhase	NumDays	230.00	249.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	11.00	10.00
tblLandUse	GreenSpaceSquareFeet	223,462.80	0.00
tblLandUse	LandUseSquareFeet	223,462.80	0.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	WorkerTripNumber	0.00	23.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	WD_TR	1.89	13.52

## 2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-1-2020	12-31-2020	0.9283	0.0986
2	1-1-2021	3-31-2021	0.7503	0.1034
3	4-1-2021	6-30-2021	0.7580	0.1039
4	7-1-2021	9-30-2021	0.5343	0.0683
		Highest	0.9283	0.1039

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168
Waste						0.0000	0.0000		0.0000	0.0000	0.0893	0.0000	0.0893	5.2800e-003	0.0000	0.2213
Water						0.0000	0.0000		0.0000	0.0000	0.0000	6.2235	6.2235	2.8000e-004	6.0000e-005	6.2479
<b>Total</b>	<b>9.9500e-003</b>	<b>0.0271</b>	<b>0.0504</b>	<b>4.0000e-005</b>	<b>1.1600e-003</b>	<b>9.0000e-005</b>	<b>1.2400e-003</b>	<b>3.1000e-004</b>	<b>8.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0893</b>	<b>9.9280</b>	<b>10.0173</b>	<b>6.0500e-003</b>	<b>6.0000e-005</b>	<b>10.1860</b>

IB-BUILD Shoreline Wetlands OS - San Francisco County, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168
Waste						0.0000	0.0000		0.0000	0.0000	0.0893	0.0000	0.0893	5.2800e-003	0.0000	0.2213
Water						0.0000	0.0000		0.0000	0.0000	0.0000	6.2235	6.2235	2.8000e-004	6.0000e-005	6.2479
<b>Total</b>	<b>9.9500e-003</b>	<b>0.0271</b>	<b>0.0504</b>	<b>4.0000e-005</b>	<b>1.1600e-003</b>	<b>9.0000e-005</b>	<b>1.2400e-003</b>	<b>3.1000e-004</b>	<b>8.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0893</b>	<b>9.9280</b>	<b>10.0173</b>	<b>6.0500e-003</b>	<b>6.0000e-005</b>	<b>10.1860</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/1/2020	10/26/2020	6	22	
2	Building Construction	Building Construction	10/27/2020	8/12/2021	6	249	
3	Paving	Paving	8/13/2021	9/7/2021	6	22	
4	Architectural Coating	Architectural Coating	9/8/2021	9/30/2021	6	20	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0716	0.0000	0.0716	0.0370	0.0000	0.0370	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0267	0.2902	0.1766	3.3000e-004		0.0140	0.0140		0.0129	0.0129	0.0000	28.6646	28.6646	9.2700e-003	0.0000	28.8964
<b>Total</b>	<b>0.0267</b>	<b>0.2902</b>	<b>0.1766</b>	<b>3.3000e-004</b>	<b>0.0716</b>	<b>0.0140</b>	<b>0.0856</b>	<b>0.0370</b>	<b>0.0129</b>	<b>0.0499</b>	<b>0.0000</b>	<b>28.6646</b>	<b>28.6646</b>	<b>9.2700e-003</b>	<b>0.0000</b>	<b>28.8964</b>



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**3.2 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.3000e-004	3.7100e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.2391	1.2391	3.0000e-005	0.0000	1.2398
<b>Total</b>	<b>5.0000e-004</b>	<b>3.3000e-004</b>	<b>3.7100e-003</b>	<b>1.0000e-005</b>	<b>1.3000e-003</b>	<b>1.0000e-005</b>	<b>1.3100e-003</b>	<b>3.5000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.2391</b>	<b>1.2391</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.2398</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0322	0.0000	0.0322	0.0166	0.0000	0.0166	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9900e-003	0.0173	0.1953	3.3000e-004		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	28.6646	28.6646	9.2700e-003	0.0000	28.8964
<b>Total</b>	<b>3.9900e-003</b>	<b>0.0173</b>	<b>0.1953</b>	<b>3.3000e-004</b>	<b>0.0322</b>	<b>5.3000e-004</b>	<b>0.0327</b>	<b>0.0166</b>	<b>5.3000e-004</b>	<b>0.0172</b>	<b>0.0000</b>	<b>28.6646</b>	<b>28.6646</b>	<b>9.2700e-003</b>	<b>0.0000</b>	<b>28.8964</b>

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**3.2 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-004	3.3000e-004	3.7100e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0300e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	1.2391	1.2391	3.0000e-005	0.0000	1.2398
<b>Total</b>	<b>5.0000e-004</b>	<b>3.3000e-004</b>	<b>3.7100e-003</b>	<b>1.0000e-005</b>	<b>1.0200e-003</b>	<b>1.0000e-005</b>	<b>1.0300e-003</b>	<b>2.8000e-004</b>	<b>1.0000e-005</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>1.2391</b>	<b>1.2391</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.2398</b>

**3.3 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0604	0.5468	0.4802	7.7000e-004		0.0318	0.0318		0.0299	0.0299	0.0000	66.0089	66.0089	0.0161	0.0000	66.4114
<b>Total</b>	<b>0.0604</b>	<b>0.5468</b>	<b>0.4802</b>	<b>7.7000e-004</b>		<b>0.0318</b>	<b>0.0318</b>		<b>0.0299</b>	<b>0.0299</b>	<b>0.0000</b>	<b>66.0089</b>	<b>66.0089</b>	<b>0.0161</b>	<b>0.0000</b>	<b>66.4114</b>

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**3.3 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9900e-003	1.3300e-003	0.0147	5.0000e-005	5.1800e-003	4.0000e-005	5.2200e-003	1.3800e-003	4.0000e-005	1.4100e-003	0.0000	4.9228	4.9228	1.1000e-004	0.0000	4.9255
<b>Total</b>	<b>1.9900e-003</b>	<b>1.3300e-003</b>	<b>0.0147</b>	<b>5.0000e-005</b>	<b>5.1800e-003</b>	<b>4.0000e-005</b>	<b>5.2200e-003</b>	<b>1.3800e-003</b>	<b>4.0000e-005</b>	<b>1.4100e-003</b>	<b>0.0000</b>	<b>4.9228</b>	<b>4.9228</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.9255</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.3400e-003	0.0637	0.4976	7.7000e-004		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	66.0088	66.0088	0.0161	0.0000	66.4114
<b>Total</b>	<b>9.3400e-003</b>	<b>0.0637</b>	<b>0.4976</b>	<b>7.7000e-004</b>		<b>1.1600e-003</b>	<b>1.1600e-003</b>		<b>1.1600e-003</b>	<b>1.1600e-003</b>	<b>0.0000</b>	<b>66.0088</b>	<b>66.0088</b>	<b>0.0161</b>	<b>0.0000</b>	<b>66.4114</b>

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**3.3 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9900e-003	1.3300e-003	0.0147	5.0000e-005	4.0600e-003	4.0000e-005	4.1000e-003	1.1000e-003	4.0000e-005	1.1400e-003	0.0000	4.9228	4.9228	1.1000e-004	0.0000	4.9255
<b>Total</b>	<b>1.9900e-003</b>	<b>1.3300e-003</b>	<b>0.0147</b>	<b>5.0000e-005</b>	<b>4.0600e-003</b>	<b>4.0000e-005</b>	<b>4.1000e-003</b>	<b>1.1000e-003</b>	<b>4.0000e-005</b>	<b>1.1400e-003</b>	<b>0.0000</b>	<b>4.9228</b>	<b>4.9228</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.9255</b>

**3.3 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1825	1.6735	1.5912	2.5800e-003		0.0920	0.0920		0.0865	0.0865	0.0000	222.3718	222.3718	0.0537	0.0000	223.7130
<b>Total</b>	<b>0.1825</b>	<b>1.6735</b>	<b>1.5912</b>	<b>2.5800e-003</b>		<b>0.0920</b>	<b>0.0920</b>		<b>0.0865</b>	<b>0.0865</b>	<b>0.0000</b>	<b>222.3718</b>	<b>222.3718</b>	<b>0.0537</b>	<b>0.0000</b>	<b>223.7130</b>

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**3.3 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2800e-003	4.0100e-003	0.0459	1.8000e-004	0.0175	1.3000e-004	0.0176	4.6400e-003	1.2000e-004	4.7600e-003	0.0000	15.9898	15.9898	3.3000e-004	0.0000	15.9979
<b>Total</b>	<b>6.2800e-003</b>	<b>4.0100e-003</b>	<b>0.0459</b>	<b>1.8000e-004</b>	<b>0.0175</b>	<b>1.3000e-004</b>	<b>0.0176</b>	<b>4.6400e-003</b>	<b>1.2000e-004</b>	<b>4.7600e-003</b>	<b>0.0000</b>	<b>15.9898</b>	<b>15.9898</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>15.9979</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0315	0.2145	1.6762	2.5800e-003		3.9200e-003	3.9200e-003		3.9200e-003	3.9200e-003	0.0000	222.3715	222.3715	0.0537	0.0000	223.7127
<b>Total</b>	<b>0.0315</b>	<b>0.2145</b>	<b>1.6762</b>	<b>2.5800e-003</b>		<b>3.9200e-003</b>	<b>3.9200e-003</b>		<b>3.9200e-003</b>	<b>3.9200e-003</b>	<b>0.0000</b>	<b>222.3715</b>	<b>222.3715</b>	<b>0.0537</b>	<b>0.0000</b>	<b>223.7127</b>

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**3.3 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2800e-003	4.0100e-003	0.0459	1.8000e-004	0.0137	1.3000e-004	0.0138	3.7200e-003	1.2000e-004	3.8400e-003	0.0000	15.9898	15.9898	3.3000e-004	0.0000	15.9979
<b>Total</b>	<b>6.2800e-003</b>	<b>4.0100e-003</b>	<b>0.0459</b>	<b>1.8000e-004</b>	<b>0.0137</b>	<b>1.3000e-004</b>	<b>0.0138</b>	<b>3.7200e-003</b>	<b>1.2000e-004</b>	<b>3.8400e-003</b>	<b>0.0000</b>	<b>15.9898</b>	<b>15.9898</b>	<b>3.3000e-004</b>	<b>0.0000</b>	<b>15.9979</b>

**3.4 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0138	0.1421	0.1612	2.5000e-004		7.4500e-003	7.4500e-003		6.8600e-003	6.8600e-003	0.0000	22.0258	22.0258	7.1200e-003	0.0000	22.2039
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0138</b>	<b>0.1421</b>	<b>0.1612</b>	<b>2.5000e-004</b>		<b>7.4500e-003</b>	<b>7.4500e-003</b>		<b>6.8600e-003</b>	<b>6.8600e-003</b>	<b>0.0000</b>	<b>22.0258</b>	<b>22.0258</b>	<b>7.1200e-003</b>	<b>0.0000</b>	<b>22.2039</b>

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**3.4 Paving - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.0000e-004	3.4300e-003	1.0000e-005	1.3000e-003	1.0000e-005	1.3100e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1949	1.1949	2.0000e-005	0.0000	1.1955
<b>Total</b>	<b>4.7000e-004</b>	<b>3.0000e-004</b>	<b>3.4300e-003</b>	<b>1.0000e-005</b>	<b>1.3000e-003</b>	<b>1.0000e-005</b>	<b>1.3100e-003</b>	<b>3.5000e-004</b>	<b>1.0000e-005</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>1.1949</b>	<b>1.1949</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.1955</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0134	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0258	22.0258	7.1200e-003	0.0000	22.2039
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.0900e-003</b>	<b>0.0134</b>	<b>0.1903</b>	<b>2.5000e-004</b>		<b>4.1000e-004</b>	<b>4.1000e-004</b>		<b>4.1000e-004</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>22.0258</b>	<b>22.0258</b>	<b>7.1200e-003</b>	<b>0.0000</b>	<b>22.2039</b>

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**3.4 Paving - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	3.0000e-004	3.4300e-003	1.0000e-005	1.0200e-003	1.0000e-005	1.0300e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	1.1949	1.1949	2.0000e-005	0.0000	1.1955
<b>Total</b>	<b>4.7000e-004</b>	<b>3.0000e-004</b>	<b>3.4300e-003</b>	<b>1.0000e-005</b>	<b>1.0200e-003</b>	<b>1.0000e-005</b>	<b>1.0300e-003</b>	<b>2.8000e-004</b>	<b>1.0000e-005</b>	<b>2.9000e-004</b>	<b>0.0000</b>	<b>1.1949</b>	<b>1.1949</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.1955</b>

**3.5 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1900e-003	0.0153	0.0182	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
<b>Total</b>	<b>2.1900e-003</b>	<b>0.0153</b>	<b>0.0182</b>	<b>3.0000e-005</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>2.5576</b>



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**3.5 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	9.0000e-005	1.0400e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3621	0.3621	1.0000e-005	0.0000	0.3623
<b>Total</b>	<b>1.4000e-004</b>	<b>9.0000e-005</b>	<b>1.0400e-003</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.3621</b>	<b>0.3621</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3623</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-004	1.2900e-003	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.8000e-004	0.0000	2.5576
<b>Total</b>	<b>3.0000e-004</b>	<b>1.2900e-003</b>	<b>0.0183</b>	<b>3.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>		<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>2.5576</b>

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**3.5 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4000e-004	9.0000e-005	1.0400e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3621	0.3621	1.0000e-005	0.0000	0.3623
<b>Total</b>	<b>1.4000e-004</b>	<b>9.0000e-005</b>	<b>1.0400e-003</b>	<b>0.0000</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>3.1000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.3621</b>	<b>0.3621</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3623</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168
Unmitigated	9.9500e-003	0.0271	0.0504	4.0000e-005	1.1600e-003	9.0000e-005	1.2400e-003	3.1000e-004	8.0000e-005	3.9000e-004	0.0000	3.7044	3.7044	4.9000e-004	0.0000	3.7168

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	69.36	69.36	69.36	3,100	3,100
Total	69.36	69.36	69.36	3,100	3,100

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N



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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
Unmitigated	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004

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**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-004</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	5.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	9.0000e-005	9.0000e-005	0.0000	0.0000	1.0000e-004
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0000e-004</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	6.2235	2.8000e-004	6.0000e-005	6.2479
Unmitigated	6.2235	2.8000e-004	6.0000e-005	6.2479

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 6.1123	6.2235	2.8000e-004	6.0000e-005	6.2479
<b>Total</b>		<b>6.2235</b>	<b>2.8000e-004</b>	<b>6.0000e-005</b>	<b>6.2479</b>



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**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 6.1123	6.2235	2.8000e-004	6.0000e-005	6.2479
<b>Total</b>		<b>6.2235</b>	<b>2.8000e-004</b>	<b>6.0000e-005</b>	<b>6.2479</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0893	5.2800e-003	0.0000	0.2213
Unmitigated	0.0893	5.2800e-003	0.0000	0.2213

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2213
<b>Total</b>		<b>0.0893</b>	<b>5.2800e-003</b>	<b>0.0000</b>	<b>0.2213</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.44	0.0893	5.2800e-003	0.0000	0.2213
<b>Total</b>		<b>0.0893</b>	<b>5.2800e-003</b>	<b>0.0000</b>	<b>0.2213</b>

**9.0 Operational Offroad**

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

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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**IB-RPD 900 Innes**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	8.40	1000sqft	0.19	8,400.00	0
City Park	3.71	Acre	3.71	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2021
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	641.35	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

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Project Characteristics - Construction and Operations; assumed operational in 2020

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; City Pk LU incl. Structure, Ramps, Piers Over Water sf'g

Construction Phase - 6 days/work wk; all sub-phases do not overlap, 130 days demo equip only from RFI response; balance of default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Demolition - demo from PD

Grading - import/export amounts from RFI response

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	18.00	12.00
tblConstructionPhase	NumDays	230.00	154.00
tblConstructionPhase	NumDays	20.00	130.00
tblConstructionPhase	NumDays	8.00	5.00
tblConstructionPhase	NumDays	18.00	12.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	City Park	General Office Building

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tblGrading	AcresOfGrading	2.50	4.00
tblGrading	MaterialExported	0.00	2.00
tblGrading	MaterialImported	0.00	3,817.00
tblLandUse	GreenSpaceSquareFeet	161,607.60	0.00
tblLandUse	LandUseSquareFeet	161,607.60	0.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblTripsAndVMT	WorkerTripNumber	3.00	23.00
tblTripsAndVMT	WorkerTripNumber	1.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	6.62
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	6.62
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	6.62
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	2.46	8.41
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	1.05	8.41
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	11.03	8.41

## 2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2019	3-31-2019	1.5225	0.1019
2	4-1-2019	6-30-2019	1.4474	0.1952
3	7-1-2019	9-30-2019	0.9345	0.1113
		Highest	1.5225	0.1952

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Energy	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.9106	39.9106	1.5800e-003	4.5000e-004	40.0846
Mobile	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829
Waste						0.0000	0.0000		0.0000	0.0000	1.6503	0.0000	1.6503	0.0975	0.0000	4.0886
Water						0.0000	0.0000		0.0000	0.0000	0.4737	7.7826	8.2563	0.0490	1.2200e-003	9.8453
<b>Total</b>	<b>0.0633</b>	<b>0.0944</b>	<b>0.2303</b>	<b>7.0000e-004</b>	<b>0.0529</b>	<b>1.3900e-003</b>	<b>0.0543</b>	<b>0.0143</b>	<b>1.3400e-003</b>	<b>0.0156</b>	<b>2.1240</b>	<b>107.3037</b>	<b>109.4277</b>	<b>0.1510</b>	<b>1.6700e-003</b>	<b>113.7016</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Energy	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.9106	39.9106	1.5800e-003	4.5000e-004	40.0846
Mobile	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829
Waste						0.0000	0.0000		0.0000	0.0000	1.6503	0.0000	1.6503	0.0975	0.0000	4.0886
Water						0.0000	0.0000		0.0000	0.0000	0.4737	7.7826	8.2563	0.0490	1.2200e-003	9.8453
<b>Total</b>	<b>0.0633</b>	<b>0.0944</b>	<b>0.2303</b>	<b>7.0000e-004</b>	<b>0.0529</b>	<b>1.3900e-003</b>	<b>0.0543</b>	<b>0.0143</b>	<b>1.3400e-003</b>	<b>0.0156</b>	<b>2.1240</b>	<b>107.3037</b>	<b>109.4277</b>	<b>0.1510</b>	<b>1.6700e-003</b>	<b>113.7016</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2019	5/31/2019	6	130	
2	Grading	Grading	6/1/2019	6/6/2019	6	5	
3	Building Construction	Building Construction	6/7/2019	12/3/2019	6	154	
4	Paving	Paving	12/4/2019	12/17/2019	6	12	
5	Architectural Coating	Architectural Coating	12/18/2019	12/31/2019	6	12	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 4**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 12,600; Non-Residential Outdoor: 4,200; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	1.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	15.00	0.00	28.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	477.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Demolition - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3200e-003	0.0000	3.3200e-003	5.0000e-004	0.0000	5.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2284	2.3259	1.4339	2.5200e-003		0.1167	0.1167		0.1085	0.1085	0.0000	225.0711	225.0711	0.0626	0.0000	226.6365
<b>Total</b>	<b>0.2284</b>	<b>2.3259</b>	<b>1.4339</b>	<b>2.5200e-003</b>	<b>3.3200e-003</b>	<b>0.1167</b>	<b>0.1200</b>	<b>5.0000e-004</b>	<b>0.1085</b>	<b>0.1090</b>	<b>0.0000</b>	<b>225.0711</b>	<b>225.0711</b>	<b>0.0626</b>	<b>0.0000</b>	<b>226.6365</b>

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**3.2 Demolition - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	5.2800e-003	1.4700e-003	1.0000e-005	2.3000e-004	2.0000e-005	2.5000e-004	6.0000e-005	2.0000e-005	8.0000e-005	0.0000	1.2703	1.2703	2.2000e-004	0.0000	1.2758
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-003	2.2100e-003	0.0240	8.0000e-005	7.7000e-003	6.0000e-005	7.7600e-003	2.0500e-003	5.0000e-005	2.1000e-003	0.0000	7.5648	7.5648	1.8000e-004	0.0000	7.5693
<b>Total</b>	<b>3.3300e-003</b>	<b>7.4900e-003</b>	<b>0.0255</b>	<b>9.0000e-005</b>	<b>7.9300e-003</b>	<b>8.0000e-005</b>	<b>8.0100e-003</b>	<b>2.1100e-003</b>	<b>7.0000e-005</b>	<b>2.1800e-003</b>	<b>0.0000</b>	<b>8.8350</b>	<b>8.8350</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>8.8451</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.4900e-003	0.0000	1.4900e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0301	0.1302	1.5132	2.5200e-003		4.0100e-003	4.0100e-003		4.0100e-003	4.0100e-003	0.0000	225.0709	225.0709	0.0626	0.0000	226.6362
<b>Total</b>	<b>0.0301</b>	<b>0.1302</b>	<b>1.5132</b>	<b>2.5200e-003</b>	<b>1.4900e-003</b>	<b>4.0100e-003</b>	<b>5.5000e-003</b>	<b>2.3000e-004</b>	<b>4.0100e-003</b>	<b>4.2400e-003</b>	<b>0.0000</b>	<b>225.0709</b>	<b>225.0709</b>	<b>0.0626</b>	<b>0.0000</b>	<b>226.6362</b>

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**3.2 Demolition - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	5.2800e-003	1.4700e-003	1.0000e-005	1.9000e-004	2.0000e-005	2.1000e-004	5.0000e-005	2.0000e-005	7.0000e-005	0.0000	1.2703	1.2703	2.2000e-004	0.0000	1.2758
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-003	2.2100e-003	0.0240	8.0000e-005	6.0400e-003	6.0000e-005	6.1000e-003	1.6400e-003	5.0000e-005	1.7000e-003	0.0000	7.5648	7.5648	1.8000e-004	0.0000	7.5693
<b>Total</b>	<b>3.3300e-003</b>	<b>7.4900e-003</b>	<b>0.0255</b>	<b>9.0000e-005</b>	<b>6.2300e-003</b>	<b>8.0000e-005</b>	<b>6.3100e-003</b>	<b>1.6900e-003</b>	<b>7.0000e-005</b>	<b>1.7700e-003</b>	<b>0.0000</b>	<b>8.8350</b>	<b>8.8350</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>8.8451</b>

**3.3 Grading - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0177	0.0000	0.0177	8.5900e-003	0.0000	8.5900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.4500e-003	0.0709	0.0407	7.0000e-005		3.4900e-003	3.4900e-003		3.2100e-003	3.2100e-003	0.0000	6.6606	6.6606	2.1100e-003	0.0000	6.7133
<b>Total</b>	<b>6.4500e-003</b>	<b>0.0709</b>	<b>0.0407</b>	<b>7.0000e-005</b>	<b>0.0177</b>	<b>3.4900e-003</b>	<b>0.0212</b>	<b>8.5900e-003</b>	<b>3.2100e-003</b>	<b>0.0118</b>	<b>0.0000</b>	<b>6.6606</b>	<b>6.6606</b>	<b>2.1100e-003</b>	<b>0.0000</b>	<b>6.7133</b>

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**3.3 Grading - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1800e-003	0.0899	0.0251	2.0000e-004	4.0000e-003	3.4000e-004	4.3400e-003	1.1000e-003	3.3000e-004	1.4200e-003	0.0000	21.6399	21.6399	3.7900e-003	0.0000	21.7346
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	9.2000e-004	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2910	0.2910	1.0000e-005	0.0000	0.2911
<b>Total</b>	<b>2.3000e-003</b>	<b>0.0900</b>	<b>0.0260</b>	<b>2.0000e-004</b>	<b>4.3000e-003</b>	<b>3.4000e-004</b>	<b>4.6400e-003</b>	<b>1.1800e-003</b>	<b>3.3000e-004</b>	<b>1.5000e-003</b>	<b>0.0000</b>	<b>21.9308</b>	<b>21.9308</b>	<b>3.8000e-003</b>	<b>0.0000</b>	<b>22.0257</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.9800e-003	0.0000	7.9800e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1000e-004	3.9300e-003	0.0444	7.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6606	6.6606	2.1100e-003	0.0000	6.7132
<b>Total</b>	<b>9.1000e-004</b>	<b>3.9300e-003</b>	<b>0.0444</b>	<b>7.0000e-005</b>	<b>7.9800e-003</b>	<b>1.2000e-004</b>	<b>8.1000e-003</b>	<b>3.8700e-003</b>	<b>1.2000e-004</b>	<b>3.9900e-003</b>	<b>0.0000</b>	<b>6.6606</b>	<b>6.6606</b>	<b>2.1100e-003</b>	<b>0.0000</b>	<b>6.7132</b>



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**3.3 Grading - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1800e-003	0.0899	0.0251	2.0000e-004	3.2500e-003	3.4000e-004	3.5900e-003	9.1000e-004	3.3000e-004	1.2400e-003	0.0000	21.6399	21.6399	3.7900e-003	0.0000	21.7346
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2000e-004	9.0000e-005	9.2000e-004	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.2910	0.2910	1.0000e-005	0.0000	0.2911
<b>Total</b>	<b>2.3000e-003</b>	<b>0.0900</b>	<b>0.0260</b>	<b>2.0000e-004</b>	<b>3.4800e-003</b>	<b>3.4000e-004</b>	<b>3.8200e-003</b>	<b>9.7000e-004</b>	<b>3.3000e-004</b>	<b>1.3100e-003</b>	<b>0.0000</b>	<b>21.9308</b>	<b>21.9308</b>	<b>3.8000e-003</b>	<b>0.0000</b>	<b>22.0257</b>

**3.4 Building Construction - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1818	1.6231	1.3216	2.0700e-003		0.0993	0.0993		0.0934	0.0934	0.0000	181.0302	181.0302	0.0441	0.0000	182.1328
<b>Total</b>	<b>0.1818</b>	<b>1.6231</b>	<b>1.3216</b>	<b>2.0700e-003</b>		<b>0.0993</b>	<b>0.0993</b>		<b>0.0934</b>	<b>0.0934</b>	<b>0.0000</b>	<b>181.0302</b>	<b>181.0302</b>	<b>0.0441</b>	<b>0.0000</b>	<b>182.1328</b>

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**3.4 Building Construction - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.5000e-004	0.0105	3.1200e-003	2.0000e-005	5.0000e-004	7.0000e-005	5.7000e-004	1.5000e-004	6.0000e-005	2.1000e-004	0.0000	2.1528	2.1528	2.9000e-004	0.0000	2.1601
Worker	5.8000e-003	4.0200e-003	0.0436	1.5000e-004	0.0140	1.1000e-004	0.0141	3.7200e-003	1.0000e-004	3.8200e-003	0.0000	13.7407	13.7407	3.3000e-004	0.0000	13.7489
<b>Total</b>	<b>6.1500e-003</b>	<b>0.0145</b>	<b>0.0468</b>	<b>1.7000e-004</b>	<b>0.0145</b>	<b>1.8000e-004</b>	<b>0.0147</b>	<b>3.8700e-003</b>	<b>1.6000e-004</b>	<b>4.0300e-003</b>	<b>0.0000</b>	<b>15.8935</b>	<b>15.8935</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>15.9089</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0252	0.1721	1.3444	2.0700e-003		3.1400e-003	3.1400e-003		3.1400e-003	3.1400e-003	0.0000	181.0300	181.0300	0.0441	0.0000	182.1325
<b>Total</b>	<b>0.0252</b>	<b>0.1721</b>	<b>1.3444</b>	<b>2.0700e-003</b>		<b>3.1400e-003</b>	<b>3.1400e-003</b>		<b>3.1400e-003</b>	<b>3.1400e-003</b>	<b>0.0000</b>	<b>181.0300</b>	<b>181.0300</b>	<b>0.0441</b>	<b>0.0000</b>	<b>182.1325</b>

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**3.4 Building Construction - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.5000e-004	0.0105	3.1200e-003	2.0000e-005	4.1000e-004	7.0000e-005	4.8000e-004	1.2000e-004	6.0000e-005	1.9000e-004	0.0000	2.1528	2.1528	2.9000e-004	0.0000	2.1601
Worker	5.8000e-003	4.0200e-003	0.0436	1.5000e-004	0.0110	1.1000e-004	0.0111	2.9800e-003	1.0000e-004	3.0800e-003	0.0000	13.7407	13.7407	3.3000e-004	0.0000	13.7489
<b>Total</b>	<b>6.1500e-003</b>	<b>0.0145</b>	<b>0.0468</b>	<b>1.7000e-004</b>	<b>0.0114</b>	<b>1.8000e-004</b>	<b>0.0116</b>	<b>3.1000e-003</b>	<b>1.6000e-004</b>	<b>3.2700e-003</b>	<b>0.0000</b>	<b>15.8935</b>	<b>15.8935</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>15.9089</b>

**3.5 Paving - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.6100e-003	0.0766	0.0739	1.1000e-004		4.3200e-003	4.3200e-003		3.9800e-003	3.9800e-003	0.0000	10.0334	10.0334	3.0900e-003	0.0000	10.1106
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>7.6100e-003</b>	<b>0.0766</b>	<b>0.0739</b>	<b>1.1000e-004</b>		<b>4.3200e-003</b>	<b>4.3200e-003</b>		<b>3.9800e-003</b>	<b>3.9800e-003</b>	<b>0.0000</b>	<b>10.0334</b>	<b>10.0334</b>	<b>3.0900e-003</b>	<b>0.0000</b>	<b>10.1106</b>

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**3.5 Paving - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	2.9600e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9311	0.9311	2.0000e-005	0.0000	0.9316
<b>Total</b>	<b>3.9000e-004</b>	<b>2.7000e-004</b>	<b>2.9600e-003</b>	<b>1.0000e-005</b>	<b>9.5000e-004</b>	<b>1.0000e-005</b>	<b>9.6000e-004</b>	<b>2.5000e-004</b>	<b>1.0000e-005</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>0.9311</b>	<b>0.9311</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9316</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3200e-003	5.7100e-003	0.0812	1.1000e-004		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	10.0334	10.0334	3.0900e-003	0.0000	10.1105
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.3200e-003</b>	<b>5.7100e-003</b>	<b>0.0812</b>	<b>1.1000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>		<b>1.8000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>10.0334</b>	<b>10.0334</b>	<b>3.0900e-003</b>	<b>0.0000</b>	<b>10.1105</b>

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**3.5 Paving - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	2.7000e-004	2.9600e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9311	0.9311	2.0000e-005	0.0000	0.9316
<b>Total</b>	<b>3.9000e-004</b>	<b>2.7000e-004</b>	<b>2.9600e-003</b>	<b>1.0000e-005</b>	<b>7.4000e-004</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>2.0000e-004</b>	<b>1.0000e-005</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>0.9311</b>	<b>0.9311</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9316</b>

**3.6 Architectural Coating - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0438					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-003	0.0110	0.0111	2.0000e-005		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	1.5320	1.5320	1.3000e-004	0.0000	1.5352
<b>Total</b>	<b>0.0454</b>	<b>0.0110</b>	<b>0.0111</b>	<b>2.0000e-005</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>1.5320</b>	<b>1.5320</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.5352</b>

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**3.6 Architectural Coating - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	7.4000e-004	0.0000	2.4000e-004	0.0000	2.4000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	0.0000	0.2329
<b>Total</b>	<b>1.0000e-004</b>	<b>7.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>2.4000e-004</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>0.2328</b>	<b>0.2328</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2329</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0438					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	7.7000e-004	0.0110	2.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.5320	1.5320	1.3000e-004	0.0000	1.5352
<b>Total</b>	<b>0.0440</b>	<b>7.7000e-004</b>	<b>0.0110</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.5320</b>	<b>1.5320</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.5352</b>

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**3.6 Architectural Coating - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	7.0000e-005	7.4000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.2328	0.2328	1.0000e-005	0.0000	0.2329
<b>Total</b>	<b>1.0000e-004</b>	<b>7.0000e-005</b>	<b>7.4000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.2328</b>	<b>0.2328</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.2329</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829
Unmitigated	0.0252	0.0864	0.2235	6.5000e-004	0.0529	7.8000e-004	0.0537	0.0143	7.3000e-004	0.0150	0.0000	59.6103	59.6103	2.9100e-003	0.0000	59.6829

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	50.16	50.16	50.16	2,242	2,242
General Office Building	70.64	70.64	70.64	139,265	139,265
Total	120.80	120.80	120.80	141,507	141,507

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
General Office Building	6.62	6.62	6.62	33.00	48.00	19.00	77	19	4

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.606408	0.040118	0.191445	0.088323	0.014900	0.004926	0.028280	0.008891	0.004289	0.004272	0.006741	0.000931	0.000477
General Office Building	0.606408	0.040118	0.191445	0.088323	0.014900	0.004926	0.028280	0.008891	0.004289	0.004272	0.006741	0.000931	0.000477



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**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	31.2055	31.2055	1.4100e-003	2.9000e-004	31.3278
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	31.2055	31.2055	1.4100e-003	2.9000e-004	31.3278
NaturalGas Mitigated	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569
NaturalGas Unmitigated	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	163128	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569
<b>Total</b>		<b>8.8000e-004</b>	<b>8.0000e-003</b>	<b>6.7200e-003</b>	<b>5.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>8.7051</b>	<b>8.7051</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.7569</b>

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	163128	8.8000e-004	8.0000e-003	6.7200e-003	5.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	8.7051	8.7051	1.7000e-004	1.6000e-004	8.7569
<b>Total</b>		<b>8.8000e-004</b>	<b>8.0000e-003</b>	<b>6.7200e-003</b>	<b>5.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>8.7051</b>	<b>8.7051</b>	<b>1.7000e-004</b>	<b>1.6000e-004</b>	<b>8.7569</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	107268	31.2055	1.4100e-003	2.9000e-004	31.3278
<b>Total</b>		<b>31.2055</b>	<b>1.4100e-003</b>	<b>2.9000e-004</b>	<b>31.3278</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	107268	31.2055	1.4100e-003	2.9000e-004	31.3278
<b>Total</b>		<b>31.2055</b>	<b>1.4100e-003</b>	<b>2.9000e-004</b>	<b>31.3278</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
Unmitigated	0.0372	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
<b>Total</b>	<b>0.0372</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.3000e-004</b>

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**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	4.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0328					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	1.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.2000e-004	2.2000e-004	0.0000	0.0000	2.3000e-004
<b>Total</b>	<b>0.0372</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.2000e-004</b>	<b>2.2000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.3000e-004</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	8.2563	0.0490	1.2200e-003	9.8453
Unmitigated	8.2563	0.0490	1.2200e-003	9.8453

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.4204	4.5008	2.0000e-004	4.0000e-005	4.5184
General Office Building	1.49296 / 0.915042	3.7554	0.0488	1.1800e-003	5.3268
<b>Total</b>		<b>8.2562</b>	<b>0.0490</b>	<b>1.2200e-003</b>	<b>9.8453</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 4.4204	4.5008	2.0000e-004	4.0000e-005	4.5184
General Office Building	1.49296 / 0.915042	3.7554	0.0488	1.1800e-003	5.3268
<b>Total</b>		<b>8.2562</b>	<b>0.0490</b>	<b>1.2200e-003</b>	<b>9.8453</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.6503	0.0975	0.0000	4.0886
Unmitigated	1.6503	0.0975	0.0000	4.0886

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
General Office Building	7.81	1.5854	0.0937	0.0000	3.9277
<b>Total</b>		<b>1.6503</b>	<b>0.0975</b>	<b>0.0000</b>	<b>4.0886</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.32	0.0650	3.8400e-003	0.0000	0.1609
General Office Building	7.81	1.5854	0.0937	0.0000	3.9277
<b>Total</b>		<b>1.6503</b>	<b>0.0975</b>	<b>0.0000</b>	<b>4.0886</b>

**9.0 Operational Offroad**

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

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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IB-RPD Shoreline Park - San Francisco County, Annual

**IB-RPD Shoreline Park**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	6.10	1000sqft	0.14	6,100.00	0
Other Asphalt Surfaces	9.35	1000sqft	0.21	0.00	0
Other Non-Asphalt Surfaces	9.35	1000sqft	0.21	0.00	0
City Park	9.58	Acre	9.58	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	641.35	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

IB-RPD Shoreline Park - San Francisco County, Annual

Project Characteristics - Construction and Operations; assumed operational in 2021

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; Pkg (asphalt/non-asphalt) = (outdoor pkg + streets/sidewalks)/2; City Pk LU incl. Structure, Ramps, Piers Over Water sf'gcc. Near/over-water constr emiss calc'd outside CalEEMod.

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd down

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Grading - import/export amounts from RFI response

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	17.00
tblConstructionPhase	NumDays	300.00	241.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	NumDays	20.00	16.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	General Office Building

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tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	Other Asphalt Surfaces
tblFleetMix	FleetMixLandUseSubType	City Park	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	60.00	75.00
tblGrading	MaterialExported	0.00	28,358.00
tblGrading	MaterialImported	0.00	26,544.00
tblLandUse	BuildingSpaceSquareFeet	9,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	9,350.00	0.00
tblLandUse	GreenSpaceSquareFeet	417,304.80	0.00
tblLandUse	LandUseSquareFeet	9,350.00	0.00
tblLandUse	LandUseSquareFeet	9,350.00	0.00
tblLandUse	LandUseSquareFeet	417,304.80	0.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	WorkerTripNumber	2.00	23.00
tblTripsAndVMT	WorkerTripNumber	0.00	5.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	6.62
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	6.62
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	6.62
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	2.46	8.41
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	1.05	8.41
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	11.03	8.41

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**2.0 Emissions Summary****2.1 Overall Construction****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.4182	4.5238	3.1525	7.6900e-003	0.2045	0.1847	0.3892	0.0682	0.1730	0.2412	0.0000	724.4878	724.4878	0.1582	0.0000	728.4417
<b>Maximum</b>	<b>0.4182</b>	<b>4.5238</b>	<b>3.1525</b>	<b>7.6900e-003</b>	<b>0.2045</b>	<b>0.1847</b>	<b>0.3892</b>	<b>0.0682</b>	<b>0.1730</b>	<b>0.2412</b>	<b>0.0000</b>	<b>724.4878</b>	<b>724.4878</b>	<b>0.1582</b>	<b>0.0000</b>	<b>728.4417</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1248	1.5528	3.2721	7.6900e-003	0.1218	0.0107	0.1326	0.0392	0.0106	0.0498	0.0000	724.4873	724.4873	0.1582	0.0000	728.4412
<b>Maximum</b>	<b>0.1248</b>	<b>1.5528</b>	<b>3.2721</b>	<b>7.6900e-003</b>	<b>0.1218</b>	<b>0.0107</b>	<b>0.1326</b>	<b>0.0392</b>	<b>0.0106</b>	<b>0.0498</b>	<b>0.0000</b>	<b>724.4873</b>	<b>724.4873</b>	<b>0.1582</b>	<b>0.0000</b>	<b>728.4412</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	70.17	65.68	-3.79	0.00	40.43	94.19	65.94	42.47	93.89	79.35	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2020	3-31-2020	2.5833	1.3521
2	4-1-2020	6-30-2020	0.8402	0.1092
3	7-1-2020	9-30-2020	0.8494	0.1104
		Highest	2.5833	1.3521

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Energy	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	28.9827	28.9827	1.1500e-003	3.3000e-004	29.1091
Mobile	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835
Waste						0.0000	0.0000		0.0000	0.0000	1.3174	0.0000	1.3174	0.0779	0.0000	3.2638
Water						0.0000	0.0000		0.0000	0.0000	0.3440	14.0052	14.3492	0.0360	9.7000e-004	15.5358
<b>Total</b>	<b>0.0581</b>	<b>0.1025</b>	<b>0.2243</b>	<b>5.4000e-004</b>	<b>0.0400</b>	<b>1.0900e-003</b>	<b>0.0411</b>	<b>0.0108</b>	<b>1.0500e-003</b>	<b>0.0118</b>	<b>1.6614</b>	<b>90.0056</b>	<b>91.6670</b>	<b>0.1176</b>	<b>1.3000e-003</b>	<b>94.9929</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Energy	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	28.9827	28.9827	1.1500e-003	3.3000e-004	29.1091
Mobile	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835
Waste						0.0000	0.0000		0.0000	0.0000	1.3174	0.0000	1.3174	0.0779	0.0000	3.2638
Water						0.0000	0.0000		0.0000	0.0000	0.3440	14.0052	14.3492	0.0360	9.7000e-004	15.5358
<b>Total</b>	<b>0.0581</b>	<b>0.1025</b>	<b>0.2243</b>	<b>5.4000e-004</b>	<b>0.0400</b>	<b>1.0900e-003</b>	<b>0.0411</b>	<b>0.0108</b>	<b>1.0500e-003</b>	<b>0.0118</b>	<b>1.6614</b>	<b>90.0056</b>	<b>91.6670</b>	<b>0.1176</b>	<b>1.3000e-003</b>	<b>94.9929</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**



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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2020	1/18/2020	6	16	
2	Grading	Grading	1/19/2020	2/15/2020	6	24	
3	Building Construction	Building Construction	2/16/2020	11/23/2020	6	241	
4	Paving	Paving	11/24/2020	12/11/2020	6	16	
5	Architectural Coating	Architectural Coating	12/12/2020	12/31/2020	6	17	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 0.42**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 9,150; Non-Residential Outdoor: 3,050; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	6,863.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	23.00	1.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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**3.1 Mitigation Measures Construction**

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0265	0.2656	0.1740	3.1000e-004		0.0133	0.0133		0.0123	0.0123	0.0000	27.1989	27.1989	7.6800e-003	0.0000	27.3908
<b>Total</b>	<b>0.0265</b>	<b>0.2656</b>	<b>0.1740</b>	<b>3.1000e-004</b>		<b>0.0133</b>	<b>0.0133</b>		<b>0.0123</b>	<b>0.0123</b>	<b>0.0000</b>	<b>27.1989</b>	<b>27.1989</b>	<b>7.6800e-003</b>	<b>0.0000</b>	<b>27.3908</b>

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**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
<b>Total</b>	<b>3.6000e-004</b>	<b>2.4000e-004</b>	<b>2.7000e-003</b>	<b>1.0000e-005</b>	<b>9.5000e-004</b>	<b>1.0000e-005</b>	<b>9.6000e-004</b>	<b>2.5000e-004</b>	<b>1.0000e-005</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>0.9012</b>	<b>0.9012</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9017</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7000e-003	0.0160	0.1862	3.1000e-004		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	27.1989	27.1989	7.6800e-003	0.0000	27.3908
<b>Total</b>	<b>3.7000e-003</b>	<b>0.0160</b>	<b>0.1862</b>	<b>3.1000e-004</b>		<b>4.9000e-004</b>	<b>4.9000e-004</b>		<b>4.9000e-004</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>27.1989</b>	<b>27.1989</b>	<b>7.6800e-003</b>	<b>0.0000</b>	<b>27.3908</b>

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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
<b>Total</b>	<b>3.6000e-004</b>	<b>2.4000e-004</b>	<b>2.7000e-003</b>	<b>1.0000e-005</b>	<b>7.4000e-004</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>2.0000e-004</b>	<b>1.0000e-005</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>0.9012</b>	<b>0.9012</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9017</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1201	0.0000	0.1201	0.0452	0.0000	0.0452	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0534	0.6024	0.3835	7.4000e-004		0.0261	0.0261		0.0240	0.0240	0.0000	65.3812	65.3812	0.0212	0.0000	65.9098
<b>Total</b>	<b>0.0534</b>	<b>0.6024</b>	<b>0.3835</b>	<b>7.4000e-004</b>	<b>0.1201</b>	<b>0.0261</b>	<b>0.1462</b>	<b>0.0452</b>	<b>0.0240</b>	<b>0.0692</b>	<b>0.0000</b>	<b>65.3812</b>	<b>65.3812</b>	<b>0.0212</b>	<b>0.0000</b>	<b>65.9098</b>

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**3.3 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0274	1.1953	0.3535	2.8800e-003	0.0576	3.5100e-003	0.0611	0.0158	3.3600e-003	0.0192	0.0000	306.5515	306.5515	0.0549	0.0000	307.9242
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.9000e-003	1.0000e-005	1.9100e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
<b>Total</b>	<b>0.0281</b>	<b>1.1958</b>	<b>0.3589</b>	<b>2.9000e-003</b>	<b>0.0595</b>	<b>3.5200e-003</b>	<b>0.0630</b>	<b>0.0163</b>	<b>3.3700e-003</b>	<b>0.0197</b>	<b>0.0000</b>	<b>308.3539</b>	<b>308.3539</b>	<b>0.0550</b>	<b>0.0000</b>	<b>309.7276</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0541	0.0000	0.0541	0.0204	0.0000	0.0204	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.1400e-003	0.0396	0.3960	7.4000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	65.3811	65.3811	0.0212	0.0000	65.9097
<b>Total</b>	<b>9.1400e-003</b>	<b>0.0396</b>	<b>0.3960</b>	<b>7.4000e-004</b>	<b>0.0541</b>	<b>1.2200e-003</b>	<b>0.0553</b>	<b>0.0204</b>	<b>1.2200e-003</b>	<b>0.0216</b>	<b>0.0000</b>	<b>65.3811</b>	<b>65.3811</b>	<b>0.0212</b>	<b>0.0000</b>	<b>65.9097</b>

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**3.3 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0274	1.1953	0.3535	2.8800e-003	0.0467	3.5100e-003	0.0502	0.0131	3.3600e-003	0.0165	0.0000	306.5515	306.5515	0.0549	0.0000	307.9242
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.3000e-004	4.9000e-004	5.3900e-003	2.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.0000e-004	1.0000e-005	4.2000e-004	0.0000	1.8024	1.8024	4.0000e-005	0.0000	1.8034
<b>Total</b>	<b>0.0281</b>	<b>1.1958</b>	<b>0.3589</b>	<b>2.9000e-003</b>	<b>0.0482</b>	<b>3.5200e-003</b>	<b>0.0517</b>	<b>0.0135</b>	<b>3.3700e-003</b>	<b>0.0169</b>	<b>0.0000</b>	<b>308.3539</b>	<b>308.3539</b>	<b>0.0550</b>	<b>0.0000</b>	<b>309.7276</b>

**3.4 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2554	2.3119	2.0302	3.2400e-003		0.1346	0.1346		0.1266	0.1266	0.0000	279.0900	279.0900	0.0681	0.0000	280.7922
<b>Total</b>	<b>0.2554</b>	<b>2.3119</b>	<b>2.0302</b>	<b>3.2400e-003</b>		<b>0.1346</b>	<b>0.1346</b>		<b>0.1266</b>	<b>0.1266</b>	<b>0.0000</b>	<b>279.0900</b>	<b>279.0900</b>	<b>0.0681</b>	<b>0.0000</b>	<b>280.7922</b>

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**3.4 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	0.0151	4.4600e-003	3.0000e-005	7.9000e-004	7.0000e-005	8.5000e-004	2.3000e-004	6.0000e-005	2.9000e-004	0.0000	3.3356	3.3356	4.5000e-004	0.0000	3.3467
Worker	8.4200e-003	5.6000e-003	0.0623	2.3000e-004	0.0219	1.7000e-004	0.0221	5.8300e-003	1.6000e-004	5.9800e-003	0.0000	20.8138	20.8138	4.6000e-004	0.0000	20.8252
<b>Total</b>	<b>8.8600e-003</b>	<b>0.0207</b>	<b>0.0668</b>	<b>2.6000e-004</b>	<b>0.0227</b>	<b>2.4000e-004</b>	<b>0.0229</b>	<b>6.0600e-003</b>	<b>2.2000e-004</b>	<b>6.2700e-003</b>	<b>0.0000</b>	<b>24.1494</b>	<b>24.1494</b>	<b>9.1000e-004</b>	<b>0.0000</b>	<b>24.1719</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0395	0.2693	2.1040	3.2400e-003		4.9200e-003	4.9200e-003		4.9200e-003	4.9200e-003	0.0000	279.0897	279.0897	0.0681	0.0000	280.7919
<b>Total</b>	<b>0.0395</b>	<b>0.2693</b>	<b>2.1040</b>	<b>3.2400e-003</b>		<b>4.9200e-003</b>	<b>4.9200e-003</b>		<b>4.9200e-003</b>	<b>4.9200e-003</b>	<b>0.0000</b>	<b>279.0897</b>	<b>279.0897</b>	<b>0.0681</b>	<b>0.0000</b>	<b>280.7919</b>



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**3.4 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	0.0151	4.4600e-003	3.0000e-005	6.5000e-004	7.0000e-005	7.2000e-004	1.9000e-004	6.0000e-005	2.6000e-004	0.0000	3.3356	3.3356	4.5000e-004	0.0000	3.3467
Worker	8.4200e-003	5.6000e-003	0.0623	2.3000e-004	0.0172	1.7000e-004	0.0173	4.6700e-003	1.6000e-004	4.8200e-003	0.0000	20.8138	20.8138	4.6000e-004	0.0000	20.8252
<b>Total</b>	<b>8.8600e-003</b>	<b>0.0207</b>	<b>0.0668</b>	<b>2.6000e-004</b>	<b>0.0178</b>	<b>2.4000e-004</b>	<b>0.0181</b>	<b>4.8600e-003</b>	<b>2.2000e-004</b>	<b>5.0800e-003</b>	<b>0.0000</b>	<b>24.1494</b>	<b>24.1494</b>	<b>9.1000e-004</b>	<b>0.0000</b>	<b>24.1719</b>

**3.5 Paving - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1125	0.1172	1.8000e-004		6.0200e-003	6.0200e-003		5.5400e-003	5.5400e-003	0.0000	16.0226	16.0226	5.1800e-003	0.0000	16.1521
Paving	2.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0111</b>	<b>0.1125</b>	<b>0.1172</b>	<b>1.8000e-004</b>		<b>6.0200e-003</b>	<b>6.0200e-003</b>		<b>5.5400e-003</b>	<b>5.5400e-003</b>	<b>0.0000</b>	<b>16.0226</b>	<b>16.0226</b>	<b>5.1800e-003</b>	<b>0.0000</b>	<b>16.1521</b>

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**3.5 Paving - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	9.5000e-004	1.0000e-005	9.6000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
<b>Total</b>	<b>3.6000e-004</b>	<b>2.4000e-004</b>	<b>2.7000e-003</b>	<b>1.0000e-005</b>	<b>9.5000e-004</b>	<b>1.0000e-005</b>	<b>9.6000e-004</b>	<b>2.5000e-004</b>	<b>1.0000e-005</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>0.9012</b>	<b>0.9012</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9017</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.2400e-003	9.7200e-003	0.1384	1.8000e-004		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	16.0226	16.0226	5.1800e-003	0.0000	16.1521
Paving	2.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>2.5200e-003</b>	<b>9.7200e-003</b>	<b>0.1384</b>	<b>1.8000e-004</b>		<b>3.0000e-004</b>	<b>3.0000e-004</b>		<b>3.0000e-004</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>16.0226</b>	<b>16.0226</b>	<b>5.1800e-003</b>	<b>0.0000</b>	<b>16.1521</b>

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**3.5 Paving - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.4000e-004	2.7000e-003	1.0000e-005	7.4000e-004	1.0000e-005	7.5000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.9012	0.9012	2.0000e-005	0.0000	0.9017
<b>Total</b>	<b>3.6000e-004</b>	<b>2.4000e-004</b>	<b>2.7000e-003</b>	<b>1.0000e-005</b>	<b>7.4000e-004</b>	<b>1.0000e-005</b>	<b>7.5000e-004</b>	<b>2.0000e-004</b>	<b>1.0000e-005</b>	<b>2.1000e-004</b>	<b>0.0000</b>	<b>0.9012</b>	<b>0.9012</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.9017</b>

**3.6 Architectural Coating - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0318					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0600e-003	0.0143	0.0156	3.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004	0.0000	2.1703	2.1703	1.7000e-004	0.0000	2.1745
<b>Total</b>	<b>0.0339</b>	<b>0.0143</b>	<b>0.0156</b>	<b>3.0000e-005</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>		<b>9.4000e-004</b>	<b>9.4000e-004</b>	<b>0.0000</b>	<b>2.1703</b>	<b>2.1703</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>2.1745</b>

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**3.6 Architectural Coating - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.6000e-004	0.0000	3.4000e-004	0.0000	3.4000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.3192	0.3192	1.0000e-005	0.0000	0.3194
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>3.4000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.3192</b>	<b>0.3192</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3194</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0318					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5000e-004	1.0900e-003	0.0156	3.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	2.1703	2.1703	1.7000e-004	0.0000	2.1745
<b>Total</b>	<b>0.0321</b>	<b>1.0900e-003</b>	<b>0.0156</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>2.1703</b>	<b>2.1703</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>2.1745</b>

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**3.6 Architectural Coating - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	9.0000e-005	9.6000e-004	0.0000	2.6000e-004	0.0000	2.7000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.3192	0.3192	1.0000e-005	0.0000	0.3194
<b>Total</b>	<b>1.3000e-004</b>	<b>9.0000e-005</b>	<b>9.6000e-004</b>	<b>0.0000</b>	<b>2.6000e-004</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>0.3192</b>	<b>0.3192</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3194</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835
Unmitigated	0.0305	0.0967	0.2191	5.1000e-004	0.0400	6.5000e-004	0.0406	0.0108	6.1000e-004	0.0114	0.0000	47.0171	47.0171	2.6600e-003	0.0000	47.0835

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	129.52	129.52	129.52	5,790	5,790
General Office Building	51.30	51.30	51.30	101,133	101,133
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
<b>Total</b>	<b>180.82</b>	<b>180.82</b>	<b>180.82</b>	<b>106,923</b>	<b>106,923</b>

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
General Office Building	6.62	6.62	6.62	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
General Office Building	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	22.6611	22.6611	1.0200e-003	2.1000e-004	22.7499
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	22.6611	22.6611	1.0200e-003	2.1000e-004	22.7499
NaturalGas Mitigated	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592
NaturalGas Unmitigated	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	118462	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>6.4000e-004</b>	<b>5.8100e-003</b>	<b>4.8800e-003</b>	<b>3.0000e-005</b>		<b>4.4000e-004</b>	<b>4.4000e-004</b>		<b>4.4000e-004</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>6.3216</b>	<b>6.3216</b>	<b>1.2000e-004</b>	<b>1.2000e-004</b>	<b>6.3592</b>



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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	118462	6.4000e-004	5.8100e-003	4.8800e-003	3.0000e-005		4.4000e-004	4.4000e-004		4.4000e-004	4.4000e-004	0.0000	6.3216	6.3216	1.2000e-004	1.2000e-004	6.3592
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>6.4000e-004</b>	<b>5.8100e-003</b>	<b>4.8800e-003</b>	<b>3.0000e-005</b>		<b>4.4000e-004</b>	<b>4.4000e-004</b>		<b>4.4000e-004</b>	<b>4.4000e-004</b>	<b>0.0000</b>	<b>6.3216</b>	<b>6.3216</b>	<b>1.2000e-004</b>	<b>1.2000e-004</b>	<b>6.3592</b>

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**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	77897	22.6611	1.0200e-003	2.1000e-004	22.7499
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>22.6611</b>	<b>1.0200e-003</b>	<b>2.1000e-004</b>	<b>22.7499</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	77897	22.6611	1.0200e-003	2.1000e-004	22.7499
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>22.6611</b>	<b>1.0200e-003</b>	<b>2.1000e-004</b>	<b>22.7499</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
Unmitigated	0.0270	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0238					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
<b>Total</b>	<b>0.0270</b>	<b>0.0000</b>	<b>3.2000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.5000e-004</b>

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**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.1800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0238					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	6.1000e-004	6.1000e-004	0.0000	0.0000	6.5000e-004
<b>Total</b>	<b>0.0270</b>	<b>0.0000</b>	<b>3.2000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>6.5000e-004</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

IB-RPD Shoreline Park - San Francisco County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	14.3492	0.0360	9.7000e-004	15.5358
Unmitigated	14.3492	0.0360	9.7000e-004	15.5358

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 11.4144	11.6220	5.3000e-004	1.1000e-004	11.6676
General Office Building	1.08418 / 0.664495	2.7272	0.0354	8.6000e-004	3.8683
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>14.3492</b>	<b>0.0360</b>	<b>9.7000e-004</b>	<b>15.5358</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 11.4144	11.6220	5.3000e-004	1.1000e-004	11.6676
General Office Building	1.08418 / 0.664495	2.7272	0.0354	8.6000e-004	3.8683
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>14.3492</b>	<b>0.0360</b>	<b>9.7000e-004</b>	<b>15.5358</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

IB-RPD Shoreline Park - San Francisco County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.3174	0.0779	0.0000	3.2638
Unmitigated	1.3174	0.0779	0.0000	3.2638

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.82	0.1665	9.8400e-003	0.0000	0.4124
General Office Building	5.67	1.1510	0.0680	0.0000	2.8515
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>1.3174</b>	<b>0.0779</b>	<b>0.0000</b>	<b>3.2638</b>



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**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.82	0.1665	9.8400e-003	0.0000	0.4124
General Office Building	5.67	1.1510	0.0680	0.0000	2.8515
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>1.3174</b>	<b>0.0779</b>	<b>0.0000</b>	<b>3.2638</b>

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

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Equipment Type	Number
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**11.0 Vegetation**

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## IB-BUILD Flats and Earl Construction - San Francisco County, Annual

## IB-BUILD Flats and Earl Construction

### San Francisco County, Annual

## 1.0 Project Characteristics

### 1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	117.04	1000sqft	0.00	117,040.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
Other Non-Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
City Park	0.97	Acre	0.97	0.00	0
Condo/Townhouse High Rise	444.00	Dwelling Unit	3.10	570,819.00	1218
Regional Shopping Center	28.24	1000sqft	0.00	28,240.00	0

### 1.2 Other Project Characteristics

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

### 1.3 User Entered Comments & Non-Default Data

IB-BUILD Flats and Earl Construction - San Francisco County, Annual

Project Characteristics - Construction and Operations; assumed operational in 2023

Land Use - Acreage/sq footage taken from Dec 2016 RFI response

Construction Phase - 6 days/work wk; default days ratio'd up

Grading - equipment only; import/export hauling assumed in first 9 mos

Vehicle Trips - CityPk (Public Rec/OS)/other LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	558.00
tblConstructionPhase	NumDays	230.00	475.00
tblConstructionPhase	NumDays	20.00	26.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/24/2024	10/31/2022
tblConstructionPhase	PhaseStartDate	9/13/2022	1/19/2021
tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	City Park
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Condo/Townhouse High Rise
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces

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tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	20.50	10.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	444,000.00	570,819.00
tblLandUse	GreenSpaceSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	444,000.00	570,819.00
tblLandUse	LotAcreage	2.69	0.00
tblLandUse	LotAcreage	6.94	3.10
tblLandUse	LotAcreage	0.65	0.00
tblLandUse	Population	1,270.00	1,218.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	CW_TL	9.50	0.28
tblVehicleTrips	HO_TL	5.70	6.70
tblVehicleTrips	HS_TL	4.80	6.70
tblVehicleTrips	HW_TL	10.80	6.70
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.69
tblVehicleTrips	ST_TR	49.97	83.67

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tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.69
tblVehicleTrips	SU_TR	25.24	83.67
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.69
tblVehicleTrips	WD_TR	42.70	83.67

## 2.0 Emissions Summary

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**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0758	0.7754	0.5003	9.2000e-004	0.1318	0.0381	0.1700	0.0693	0.0353	0.1046	0.0000	81.0034	81.0034	0.0235	0.0000	81.5909
2021	2.7958	4.3464	4.6380	0.0129	0.7333	0.1723	0.9056	0.2309	0.1626	0.3935	0.0000	1,182.5252	1,182.5252	0.1406	0.0000	1,186.0405
2022	2.2887	2.5468	3.0442	8.2400e-003	0.3859	0.0979	0.4838	0.1036	0.0924	0.1960	0.0000	753.0782	753.0782	0.0929	0.0000	755.4009
<b>Maximum</b>	<b>2.7958</b>	<b>4.3464</b>	<b>4.6380</b>	<b>0.0129</b>	<b>0.7333</b>	<b>0.1723</b>	<b>0.9056</b>	<b>0.2309</b>	<b>0.1626</b>	<b>0.3935</b>	<b>0.0000</b>	<b>1,182.5252</b>	<b>1,182.5252</b>	<b>0.1406</b>	<b>0.0000</b>	<b>1,186.0405</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0119	0.0473	0.5422	9.2000e-004	0.0604	1.4500e-003	0.0618	0.0315	1.4500e-003	0.0329	0.0000	81.0034	81.0034	0.0235	0.0000	81.5908
2021	2.5187	1.6999	4.7863	0.0129	0.5347	0.0138	0.5485	0.1618	0.0134	0.1752	0.0000	1,182.5248	1,182.5248	0.1406	0.0000	1,186.0400
2022	2.1272	0.9931	3.1993	8.2400e-003	0.3042	8.8900e-003	0.3131	0.0836	8.6200e-003	0.0922	0.0000	753.0778	753.0778	0.0929	0.0000	755.4005
<b>Maximum</b>	<b>2.5187</b>	<b>1.6999</b>	<b>4.7863</b>	<b>0.0129</b>	<b>0.5347</b>	<b>0.0138</b>	<b>0.5485</b>	<b>0.1618</b>	<b>0.0134</b>	<b>0.1752</b>	<b>0.0000</b>	<b>1,182.5248</b>	<b>1,182.5248</b>	<b>0.1406</b>	<b>0.0000</b>	<b>1,186.0400</b>



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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	9.74	64.27	-4.22	0.00	28.12	92.17	40.79	31.43	91.93	56.74	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2020	1-31-2021	1.3275	0.2337
2	2-1-2021	4-30-2021	1.7788	1.0786
3	5-1-2021	7-31-2021	1.8277	1.1039
4	8-1-2021	10-31-2021	1.8333	1.1095
5	11-1-2021	1-31-2022	1.8078	1.1125
6	2-1-2022	4-30-2022	1.6741	1.0556
7	5-1-2022	7-31-2022	1.6895	1.0589
8	8-1-2022	9-30-2022	0.6705	0.4347
		Highest	1.8333	1.1125

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**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843
Energy	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,213.0209	1,213.0209	0.0476	0.0138	1,218.3366
Mobile	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660
Waste						0.0000	0.0000		0.0000	0.0000	47.4938	0.0000	47.4938	2.8068	0.0000	117.6639
Water						0.0000	0.0000		0.0000	0.0000	9.8413	69.8809	79.7222	1.0140	0.0245	112.3782
<b>Total</b>	<b>4.6558</b>	<b>2.8000</b>	<b>10.8680</b>	<b>0.0214</b>	<b>1.3872</b>	<b>0.2596</b>	<b>1.6467</b>	<b>0.3737</b>	<b>0.2583</b>	<b>0.6320</b>	<b>77.5769</b>	<b>2,845.1316</b>	<b>2,922.7085</b>	<b>3.9837</b>	<b>0.0397</b>	<b>3,034.1290</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843
Energy	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,213.0209	1,213.0209	0.0476	0.0138	1,218.3366
Mobile	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660
Waste						0.0000	0.0000		0.0000	0.0000	47.4938	0.0000	47.4938	2.8068	0.0000	117.6639
Water						0.0000	0.0000		0.0000	0.0000	9.8413	69.8809	79.7222	1.0140	0.0245	112.3782
<b>Total</b>	<b>4.6558</b>	<b>2.8000</b>	<b>10.8680</b>	<b>0.0214</b>	<b>1.3872</b>	<b>0.2596</b>	<b>1.6467</b>	<b>0.3737</b>	<b>0.2583</b>	<b>0.6320</b>	<b>77.5769</b>	<b>2,845.1316</b>	<b>2,922.7085</b>	<b>3.9837</b>	<b>0.0397</b>	<b>3,034.1290</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2020	12/1/2020	6	26	
2	Grading	Grading	12/2/2020	1/18/2021	6	41	
3	Building Construction	Building Construction	1/19/2021	7/26/2022	6	475	
4	Paving	Paving	7/27/2022	9/12/2022	6	41	
5	Architectural Coating	Architectural Coating	1/19/2021	10/31/2022	6	558	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 1.72**

**Residential Indoor: 1,155,908; Residential Outdoor: 385,303; Non-Residential Indoor: 42,360; Non-Residential Outdoor: 14,120; Striped Parking Area: 7,022 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	378.00	71.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	76.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.4316	0.2828	5.0000e-004		0.0216	0.0216		0.0200	0.0200	0.0000	44.1982	44.1982	0.0125	0.0000	44.5101
<b>Total</b>	<b>0.0431</b>	<b>0.4316</b>	<b>0.2828</b>	<b>5.0000e-004</b>		<b>0.0216</b>	<b>0.0216</b>		<b>0.0200</b>	<b>0.0200</b>	<b>0.0000</b>	<b>44.1982</b>	<b>44.1982</b>	<b>0.0125</b>	<b>0.0000</b>	<b>44.5101</b>

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**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.5400e-003</b>	<b>1.0000e-005</b>	<b>1.5500e-003</b>	<b>4.1000e-004</b>	<b>1.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0100e-003	0.0260	0.3026	5.0000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	44.1981	44.1981	0.0125	0.0000	44.5101
<b>Total</b>	<b>6.0100e-003</b>	<b>0.0260</b>	<b>0.3026</b>	<b>5.0000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>44.1981</b>	<b>44.1981</b>	<b>0.0125</b>	<b>0.0000</b>	<b>44.5101</b>

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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0316	0.3430	0.2087	3.9000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	33.8764	33.8764	0.0110	0.0000	34.1503
<b>Total</b>	<b>0.0316</b>	<b>0.3430</b>	<b>0.2087</b>	<b>3.9000e-004</b>	<b>0.1288</b>	<b>0.0166</b>	<b>0.1453</b>	<b>0.0684</b>	<b>0.0152</b>	<b>0.0837</b>	<b>0.0000</b>	<b>33.8764</b>	<b>33.8764</b>	<b>0.0110</b>	<b>0.0000</b>	<b>34.1503</b>



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**3.3 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.5400e-003</b>	<b>1.0000e-005</b>	<b>1.5500e-003</b>	<b>4.1000e-004</b>	<b>1.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7200e-003	0.0205	0.2308	3.9000e-004		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	33.8763	33.8763	0.0110	0.0000	34.1502
<b>Total</b>	<b>4.7200e-003</b>	<b>0.0205</b>	<b>0.2308</b>	<b>3.9000e-004</b>	<b>0.0579</b>	<b>6.3000e-004</b>	<b>0.0586</b>	<b>0.0308</b>	<b>6.3000e-004</b>	<b>0.0314</b>	<b>0.0000</b>	<b>33.8763</b>	<b>33.8763</b>	<b>0.0110</b>	<b>0.0000</b>	<b>34.1502</b>

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**3.3 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1855	0.1189	2.2000e-004		8.7000e-003	8.7000e-003		8.0000e-003	8.0000e-003	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6983
<b>Total</b>	<b>0.0172</b>	<b>0.1855</b>	<b>0.1189</b>	<b>2.2000e-004</b>	<b>0.1288</b>	<b>8.7000e-003</b>	<b>0.1375</b>	<b>0.0684</b>	<b>8.0000e-003</b>	<b>0.0764</b>	<b>0.0000</b>	<b>19.5403</b>	<b>19.5403</b>	<b>6.3200e-003</b>	<b>0.0000</b>	<b>19.6983</b>

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**3.3 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	8.9000e-004	1.0000e-005	9.0000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
<b>Total</b>	<b>3.2000e-004</b>	<b>2.0000e-004</b>	<b>2.3400e-003</b>	<b>1.0000e-005</b>	<b>8.9000e-004</b>	<b>1.0000e-005</b>	<b>9.0000e-004</b>	<b>2.4000e-004</b>	<b>1.0000e-005</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.8147</b>	<b>0.8147</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8151</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7200e-003	0.0118	0.1332	2.2000e-004		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6982
<b>Total</b>	<b>2.7200e-003</b>	<b>0.0118</b>	<b>0.1332</b>	<b>2.2000e-004</b>	<b>0.0579</b>	<b>3.6000e-004</b>	<b>0.0583</b>	<b>0.0308</b>	<b>3.6000e-004</b>	<b>0.0312</b>	<b>0.0000</b>	<b>19.5403</b>	<b>19.5403</b>	<b>6.3200e-003</b>	<b>0.0000</b>	<b>19.6982</b>

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**3.3 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.0000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
<b>Total</b>	<b>3.2000e-004</b>	<b>2.0000e-004</b>	<b>2.3400e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-004</b>	<b>1.0000e-005</b>	<b>7.0000e-004</b>	<b>1.9000e-004</b>	<b>1.0000e-005</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.8147</b>	<b>0.8147</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8151</b>

**3.4 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2832	2.5974	2.4697	4.0100e-003		0.1428	0.1428		0.1343	0.1343	0.0000	345.1395	345.1395	0.0833	0.0000	347.2212
<b>Total</b>	<b>0.2832</b>	<b>2.5974</b>	<b>2.4697</b>	<b>4.0100e-003</b>		<b>0.1428</b>	<b>0.1428</b>		<b>0.1343</b>	<b>0.1343</b>	<b>0.0000</b>	<b>345.1395</b>	<b>345.1395</b>	<b>0.0833</b>	<b>0.0000</b>	<b>347.2212</b>

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**3.4 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0323	1.2128	0.3701	2.8200e-003	0.0691	2.7200e-003	0.0719	0.0200	2.6000e-003	0.0226	0.0000	289.1129	289.1129	0.0384	0.0000	290.0718
Worker	0.1603	0.1024	1.1707	4.5100e-003	0.4451	3.3600e-003	0.4484	0.1184	3.1000e-003	0.1215	0.0000	407.8690	407.8690	8.3600e-003	0.0000	408.0780
<b>Total</b>	<b>0.1926</b>	<b>1.3152</b>	<b>1.5409</b>	<b>7.3300e-003</b>	<b>0.5142</b>	<b>6.0800e-003</b>	<b>0.5203</b>	<b>0.1384</b>	<b>5.7000e-003</b>	<b>0.1441</b>	<b>0.0000</b>	<b>696.9818</b>	<b>696.9818</b>	<b>0.0467</b>	<b>0.0000</b>	<b>698.1497</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0489	0.3330	2.6016	4.0100e-003		6.0800e-003	6.0800e-003		6.0800e-003	6.0800e-003	0.0000	345.1391	345.1391	0.0833	0.0000	347.2208
<b>Total</b>	<b>0.0489</b>	<b>0.3330</b>	<b>2.6016</b>	<b>4.0100e-003</b>		<b>6.0800e-003</b>	<b>6.0800e-003</b>		<b>6.0800e-003</b>	<b>6.0800e-003</b>	<b>0.0000</b>	<b>345.1391</b>	<b>345.1391</b>	<b>0.0833</b>	<b>0.0000</b>	<b>347.2208</b>

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**3.4 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0323	1.2128	0.3701	2.8200e-003	0.0569	2.7200e-003	0.0597	0.0170	2.6000e-003	0.0196	0.0000	289.1129	289.1129	0.0384	0.0000	290.0718
Worker	0.1603	0.1024	1.1707	4.5100e-003	0.3489	3.3600e-003	0.3523	0.0948	3.1000e-003	0.0979	0.0000	407.8690	407.8690	8.3600e-003	0.0000	408.0780
<b>Total</b>	<b>0.1926</b>	<b>1.3152</b>	<b>1.5409</b>	<b>7.3300e-003</b>	<b>0.4059</b>	<b>6.0800e-003</b>	<b>0.4120</b>	<b>0.1118</b>	<b>5.7000e-003</b>	<b>0.1175</b>	<b>0.0000</b>	<b>696.9818</b>	<b>696.9818</b>	<b>0.0467</b>	<b>0.0000</b>	<b>698.1497</b>

**3.4 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1510	1.3820	1.4482	2.3800e-003		0.0716	0.0716		0.0674	0.0674	0.0000	205.0768	205.0768	0.0491	0.0000	206.3051
<b>Total</b>	<b>0.1510</b>	<b>1.3820</b>	<b>1.4482</b>	<b>2.3800e-003</b>		<b>0.0716</b>	<b>0.0716</b>		<b>0.0674</b>	<b>0.0674</b>	<b>0.0000</b>	<b>205.0768</b>	<b>205.0768</b>	<b>0.0491</b>	<b>0.0000</b>	<b>206.3051</b>

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**3.4 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0180	0.6820	0.2158	1.6400e-003	0.0411	1.4300e-003	0.0425	0.0119	1.3700e-003	0.0132	0.0000	169.4538	169.4538	0.0225	0.0000	170.0157
Worker	0.0898	0.0549	0.6482	2.5800e-003	0.2643	1.9700e-003	0.2663	0.0703	1.8100e-003	0.0721	0.0000	233.2628	233.2628	4.4900e-003	0.0000	233.3752
<b>Total</b>	<b>0.1078</b>	<b>0.7370</b>	<b>0.8639</b>	<b>4.2200e-003</b>	<b>0.3054</b>	<b>3.4000e-003</b>	<b>0.3088</b>	<b>0.0822</b>	<b>3.1800e-003</b>	<b>0.0854</b>	<b>0.0000</b>	<b>402.7166</b>	<b>402.7166</b>	<b>0.0270</b>	<b>0.0000</b>	<b>403.3908</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0290	0.1978	1.5452	2.3800e-003		3.6100e-003	3.6100e-003		3.6100e-003	3.6100e-003	0.0000	205.0766	205.0766	0.0491	0.0000	206.3049
<b>Total</b>	<b>0.0290</b>	<b>0.1978</b>	<b>1.5452</b>	<b>2.3800e-003</b>		<b>3.6100e-003</b>	<b>3.6100e-003</b>		<b>3.6100e-003</b>	<b>3.6100e-003</b>	<b>0.0000</b>	<b>205.0766</b>	<b>205.0766</b>	<b>0.0491</b>	<b>0.0000</b>	<b>206.3049</b>

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**3.4 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0180	0.6820	0.2158	1.6400e-003	0.0338	1.4300e-003	0.0353	0.0101	1.3700e-003	0.0115	0.0000	169.4538	169.4538	0.0225	0.0000	170.0157
Worker	0.0898	0.0549	0.6482	2.5800e-003	0.2073	1.9700e-003	0.2092	0.0563	1.8100e-003	0.0581	0.0000	233.2628	233.2628	4.4900e-003	0.0000	233.3752
<b>Total</b>	<b>0.1078</b>	<b>0.7370</b>	<b>0.8639</b>	<b>4.2200e-003</b>	<b>0.2411</b>	<b>3.4000e-003</b>	<b>0.2445</b>	<b>0.0664</b>	<b>3.1800e-003</b>	<b>0.0696</b>	<b>0.0000</b>	<b>402.7166</b>	<b>402.7166</b>	<b>0.0270</b>	<b>0.0000</b>	<b>403.3908</b>

**3.5 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0226	0.2281	0.2989	4.7000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	41.0565	41.0565	0.0133	0.0000	41.3885
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0237</b>	<b>0.2281</b>	<b>0.2989</b>	<b>4.7000e-004</b>		<b>0.0116</b>	<b>0.0116</b>		<b>0.0107</b>	<b>0.0107</b>	<b>0.0000</b>	<b>41.0565</b>	<b>41.0565</b>	<b>0.0133</b>	<b>0.0000</b>	<b>41.3885</b>



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**3.5 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.9600e-003</b>	<b>2.0000e-005</b>	<b>2.4300e-003</b>	<b>2.0000e-005</b>	<b>2.4500e-003</b>	<b>6.5000e-004</b>	<b>2.0000e-005</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>2.1442</b>	<b>2.1442</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.1452</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.7500e-003	0.0249	0.3546	4.7000e-004		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	41.0564	41.0564	0.0133	0.0000	41.3884
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>6.8800e-003</b>	<b>0.0249</b>	<b>0.3546</b>	<b>4.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>41.0564</b>	<b>41.0564</b>	<b>0.0133</b>	<b>0.0000</b>	<b>41.3884</b>

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**3.5 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	1.9100e-003	2.0000e-005	1.9200e-003	5.2000e-004	2.0000e-005	5.3000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.9600e-003</b>	<b>2.0000e-005</b>	<b>1.9100e-003</b>	<b>2.0000e-005</b>	<b>1.9200e-003</b>	<b>5.2000e-004</b>	<b>2.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>2.1442</b>	<b>2.1442</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.1452</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2376					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0326	0.2275	0.2708	4.4000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	38.0435	38.0435	2.6100e-003	0.0000	38.1088
<b>Total</b>	<b>2.2702</b>	<b>0.2275</b>	<b>0.2708</b>	<b>4.4000e-004</b>		<b>0.0140</b>	<b>0.0140</b>		<b>0.0140</b>	<b>0.0140</b>	<b>0.0000</b>	<b>38.0435</b>	<b>38.0435</b>	<b>2.6100e-003</b>	<b>0.0000</b>	<b>38.1088</b>

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**3.6 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0322	0.0206	0.2354	9.1000e-004	0.0895	6.8000e-004	0.0902	0.0238	6.2000e-004	0.0244	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
<b>Total</b>	<b>0.0322</b>	<b>0.0206</b>	<b>0.2354</b>	<b>9.1000e-004</b>	<b>0.0895</b>	<b>6.8000e-004</b>	<b>0.0902</b>	<b>0.0238</b>	<b>6.2000e-004</b>	<b>0.0244</b>	<b>0.0000</b>	<b>82.0054</b>	<b>82.0054</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>82.0474</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2376					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4300e-003	0.0192	0.2730	4.4000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	38.0434	38.0434	2.6100e-003	0.0000	38.1087
<b>Total</b>	<b>2.2420</b>	<b>0.0192</b>	<b>0.2730</b>	<b>4.4000e-004</b>		<b>5.9000e-004</b>	<b>5.9000e-004</b>		<b>5.9000e-004</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>38.0434</b>	<b>38.0434</b>	<b>2.6100e-003</b>	<b>0.0000</b>	<b>38.1087</b>

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**3.6 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0322	0.0206	0.2354	9.1000e-004	0.0702	6.8000e-004	0.0708	0.0191	6.2000e-004	0.0197	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
<b>Total</b>	<b>0.0322</b>	<b>0.0206</b>	<b>0.2354</b>	<b>9.1000e-004</b>	<b>0.0702</b>	<b>6.8000e-004</b>	<b>0.0708</b>	<b>0.0191</b>	<b>6.2000e-004</b>	<b>0.0197</b>	<b>0.0000</b>	<b>82.0054</b>	<b>82.0054</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>82.0474</b>

**3.6 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
<b>Total</b>	<b>1.9789</b>	<b>0.1831</b>	<b>0.2358</b>	<b>3.9000e-004</b>		<b>0.0106</b>	<b>0.0106</b>		<b>0.0106</b>	<b>0.0106</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>33.2463</b>

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**3.6 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0162	0.1914	7.6000e-004	0.0781	5.8000e-004	0.0787	0.0208	5.4000e-004	0.0213	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
<b>Total</b>	<b>0.0265</b>	<b>0.0162</b>	<b>0.1914</b>	<b>7.6000e-004</b>	<b>0.0781</b>	<b>5.8000e-004</b>	<b>0.0787</b>	<b>0.0208</b>	<b>5.4000e-004</b>	<b>0.0213</b>	<b>0.0000</b>	<b>68.8918</b>	<b>68.8918</b>	<b>1.3300e-003</b>	<b>0.0000</b>	<b>68.9250</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9523					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
<b>Total</b>	<b>1.9561</b>	<b>0.0167</b>	<b>0.2382</b>	<b>3.9000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>33.2463</b>

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**3.6 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0162	0.1914	7.6000e-004	0.0612	5.8000e-004	0.0618	0.0166	5.4000e-004	0.0172	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
<b>Total</b>	<b>0.0265</b>	<b>0.0162</b>	<b>0.1914</b>	<b>7.6000e-004</b>	<b>0.0612</b>	<b>5.8000e-004</b>	<b>0.0618</b>	<b>0.0166</b>	<b>5.4000e-004</b>	<b>0.0172</b>	<b>0.0000</b>	<b>68.8918</b>	<b>68.8918</b>	<b>1.3300e-003</b>	<b>0.0000</b>	<b>68.9250</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

IB-BUILD Flats and Earl Construction - San Francisco County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660
Unmitigated	0.7372	2.4979	6.0500	0.0168	1.3872	0.0202	1.4074	0.3737	0.0189	0.3926	0.0000	1,548.5264	1,548.5264	0.0776	0.0000	1,550.4660

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	13.11	13.11	13.11	586	586
Condo/Townhouse High Rise	1,638.36	1,638.36	1,638.36	3,547,913	3,547,913
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	2,362.84	2,362.84	2,362.84	160,576	160,576
<b>Total</b>	<b>4,014.32</b>	<b>4,014.32</b>	<b>4,014.32</b>	<b>3,709,075</b>	<b>3,709,075</b>

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.70	6.70	6.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Condo/Townhouse High Rise	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Enclosed Parking with Elevator	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Regional Shopping Center	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy



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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	935.0145	935.0145	0.0423	8.7500e-003	938.6782
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	935.0145	935.0145	0.0423	8.7500e-003	938.6782
NaturalGas Mitigated	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0064	278.0064	5.3300e-003	5.1000e-003	279.6584
NaturalGas Unmitigated	0.0281	0.2404	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0064	278.0064	5.3300e-003	5.1000e-003	279.6584

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	130469	7.0000e-004	6.4000e-003	5.3700e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	6.9623	6.9623	1.3000e-004	1.3000e-004	7.0037
<b>Total</b>		<b>0.0281</b>	<b>0.2404</b>	<b>0.1050</b>	<b>1.5300e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>278.0064</b>	<b>278.0064</b>	<b>5.3300e-003</b>	<b>5.1000e-003</b>	<b>279.6584</b>

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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	130469	7.0000e-004	6.4000e-003	5.3700e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	6.9623	6.9623	1.3000e-004	1.3000e-004	7.0037
<b>Total</b>		<b>0.0281</b>	<b>0.2404</b>	<b>0.1050</b>	<b>1.5300e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>278.0064</b>	<b>278.0064</b>	<b>5.3300e-003</b>	<b>5.1000e-003</b>	<b>279.6584</b>

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**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	788850	229.4854	0.0104	2.1500e-003	230.3846
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	302450	87.9863	3.9800e-003	8.2000e-004	88.3311
<b>Total</b>		<b>935.0145</b>	<b>0.0423</b>	<b>8.7500e-003</b>	<b>938.6782</b>

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**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	788850	229.4854	0.0104	2.1500e-003	230.3846
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	302450	87.9863	3.9800e-003	8.2000e-004	88.3311
<b>Total</b>		<b>935.0145</b>	<b>0.0423</b>	<b>8.7500e-003</b>	<b>938.6782</b>

**6.0 Area Detail****6.1 Mitigation Measures Area**

IB-BUILD Flats and Earl Construction - San Francisco County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843
Unmitigated	3.8905	0.0617	4.7130	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7034	33.9453	0.0377	1.3300e-003	35.2843

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3472					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0999	0.0381	3.3023	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.3891	5.3891	5.2100e-003	0.0000	5.5193
<b>Total</b>	<b>3.8905</b>	<b>0.0617</b>	<b>4.7130</b>	<b>2.9800e-003</b>		<b>0.2199</b>	<b>0.2199</b>		<b>0.2199</b>	<b>0.2199</b>	<b>20.2418</b>	<b>13.7034</b>	<b>33.9453</b>	<b>0.0377</b>	<b>1.3300e-003</b>	<b>35.2843</b>

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**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4190					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3472					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0999	0.0381	3.3023	1.7000e-004		0.0182	0.0182		0.0182	0.0182	0.0000	5.3891	5.3891	5.2100e-003	0.0000	5.5193
<b>Total</b>	<b>3.8905</b>	<b>0.0617</b>	<b>4.7130</b>	<b>2.9800e-003</b>		<b>0.2199</b>	<b>0.2199</b>		<b>0.2199</b>	<b>0.2199</b>	<b>20.2418</b>	<b>13.7034</b>	<b>33.9453</b>	<b>0.0377</b>	<b>1.3300e-003</b>	<b>35.2843</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

IB-BUILD Flats and Earl Construction - San Francisco County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	79.7222	1.0140	0.0245	112.3782
Unmitigated	79.7222	1.0140	0.0245	112.3782



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**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.09181 / 1.28208	5.2618	0.0684	1.6500e-003	7.4635
<b>Total</b>		<b>79.7222</b>	<b>1.0140</b>	<b>0.0245</b>	<b>112.3782</b>

## IB-BUILD Flats and Earl Construction - San Francisco County, Annual

**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.09181 / 1.28208	5.2618	0.0684	1.6500e-003	7.4635
<b>Total</b>		<b>79.7222</b>	<b>1.0140</b>	<b>0.0245</b>	<b>112.3782</b>

**8.0 Waste Detail****8.1 Mitigation Measures Waste**

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**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	47.4938	2.8068	0.0000	117.6639
Unmitigated	47.4938	2.8068	0.0000	117.6639

## IB-BUILD Flats and Earl Construction - San Francisco County, Annual

**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.65	6.0187	0.3557	0.0000	14.9110
<b>Total</b>		<b>47.4938</b>	<b>2.8068</b>	<b>0.0000</b>	<b>117.6639</b>

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**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.65	6.0187	0.3557	0.0000	14.9110
<b>Total</b>		<b>47.4938</b>	<b>2.8068</b>	<b>0.0000</b>	<b>117.6639</b>

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

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

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Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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IB-BUILD Beach and Pier OS - San Francisco County, Annual

**IB-BUILD Beach and Pier OS**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.34	Acre	2.34	0.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - Construction and Operations; assumed operational in 2023

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; City Pk LU incl. Structure, Ramps, Piers Over Water sf'gcc. Near/over-water constr emiss calc'd outside CalEEMod.

Construction Phase - 6 days/work wk; all sub-phases do not overlap, default days ratio'd up

Trips and VMT - BldgC daily worker trips (calc'd) = # equip X 1.25 roundtrip/equip x 2 trips/roundtrip; and ArchC daily worker trips = 0.2 X BldgC daily worker trips (calc'd)

Vehicle Trips - LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.





## IB-BUILD Beach and Pier OS - San Francisco County, Annual

tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDays	220.00	266.00
tblConstructionPhase	NumDays	6.00	23.00
tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	11.50	3.00
tblLandUse	GreenSpaceSquareFeet	101,930.40	0.00
tblLandUse	LandUseSquareFeet	101,930.40	0.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblTripsAndVMT	WorkerTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	CC_TL	7.30	0.16
tblVehicleTrips	CNW_TL	7.30	0.16
tblVehicleTrips	CW_TL	9.50	0.16
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	WD_TR	1.89	13.52

## 2.0 Emissions Summary

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2021	1-31-2022	0.7388	0.1372
2	2-1-2022	4-30-2022	0.6313	0.1637
3	5-1-2022	7-31-2022	0.6522	0.1689
4	8-1-2022	9-30-2022	0.4325	0.1120
		Highest	0.7388	0.1689

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501
Waste						0.0000	0.0000		0.0000	0.0000	0.0406	0.0000	0.0406	2.4000e-003	0.0000	0.1006
Water						0.0000	0.0000		0.0000	0.0000	0.0000	2.8388	2.8388	1.3000e-004	3.0000e-005	2.8499
<b>Total</b>	<b>4.2300e-003</b>	<b>0.0119</b>	<b>0.0212</b>	<b>2.0000e-005</b>	<b>5.3000e-004</b>	<b>4.0000e-005</b>	<b>5.7000e-004</b>	<b>1.4000e-004</b>	<b>3.0000e-005</b>	<b>1.8000e-004</b>	<b>0.0406</b>	<b>4.4838</b>	<b>4.5244</b>	<b>2.7300e-003</b>	<b>3.0000e-005</b>	<b>4.6007</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501
Waste						0.0000	0.0000		0.0000	0.0000	0.0406	0.0000	0.0406	2.4000e-003	0.0000	0.1006
Water						0.0000	0.0000		0.0000	0.0000	0.0000	2.8388	2.8388	1.3000e-004	3.0000e-005	2.8499
<b>Total</b>	<b>4.2300e-003</b>	<b>0.0119</b>	<b>0.0212</b>	<b>2.0000e-005</b>	<b>5.3000e-004</b>	<b>4.0000e-005</b>	<b>5.7000e-004</b>	<b>1.4000e-004</b>	<b>3.0000e-005</b>	<b>1.8000e-004</b>	<b>0.0406</b>	<b>4.4838</b>	<b>4.5244</b>	<b>2.7300e-003</b>	<b>3.0000e-005</b>	<b>4.6007</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	11/1/2021	11/26/2021	6	23	
2	Building Construction	Building Construction	11/27/2021	10/3/2022	6	266	
3	Paving	Paving	10/4/2022	10/17/2022	6	12	
4	Architectural Coating	Architectural Coating	10/18/2022	10/31/2022	6	12	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 3**

**Acres of Paving: 0**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	4	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0708	0.0000	0.0708	0.0382	0.0000	0.0382	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0210	0.2325	0.1122	2.4000e-004		0.0105	0.0105		9.6900e-003	9.6900e-003	0.0000	20.8195	20.8195	6.7300e-003	0.0000	20.9878
<b>Total</b>	<b>0.0210</b>	<b>0.2325</b>	<b>0.1122</b>	<b>2.4000e-004</b>	<b>0.0708</b>	<b>0.0105</b>	<b>0.0814</b>	<b>0.0382</b>	<b>9.6900e-003</b>	<b>0.0479</b>	<b>0.0000</b>	<b>20.8195</b>	<b>20.8195</b>	<b>6.7300e-003</b>	<b>0.0000</b>	<b>20.9878</b>

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**3.2 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.1000e-004	2.3900e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	0.8328	0.8328	2.0000e-005	0.0000	0.8332
<b>Total</b>	<b>3.3000e-004</b>	<b>2.1000e-004</b>	<b>2.3900e-003</b>	<b>1.0000e-005</b>	<b>9.1000e-004</b>	<b>1.0000e-005</b>	<b>9.2000e-004</b>	<b>2.4000e-004</b>	<b>1.0000e-005</b>	<b>2.5000e-004</b>	<b>0.0000</b>	<b>0.8328</b>	<b>0.8328</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8332</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0319	0.0000	0.0319	0.0172	0.0000	0.0172	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-003	0.0126	0.1254	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	20.8194	20.8194	6.7300e-003	0.0000	20.9878
<b>Total</b>	<b>2.9000e-003</b>	<b>0.0126</b>	<b>0.1254</b>	<b>2.4000e-004</b>	<b>0.0319</b>	<b>3.9000e-004</b>	<b>0.0323</b>	<b>0.0172</b>	<b>3.9000e-004</b>	<b>0.0176</b>	<b>0.0000</b>	<b>20.8194</b>	<b>20.8194</b>	<b>6.7300e-003</b>	<b>0.0000</b>	<b>20.9878</b>



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**3.2 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3000e-004	2.1000e-004	2.3900e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8328	0.8328	2.0000e-005	0.0000	0.8332
<b>Total</b>	<b>3.3000e-004</b>	<b>2.1000e-004</b>	<b>2.3900e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>1.0000e-005</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>1.0000e-005</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.8328</b>	<b>0.8328</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8332</b>

**3.3 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0307	0.2404	0.2184	3.8000e-004		0.0123	0.0123		0.0118	0.0118	0.0000	31.1473	31.1473	6.1300e-003	0.0000	31.3005
<b>Total</b>	<b>0.0307</b>	<b>0.2404</b>	<b>0.2184</b>	<b>3.8000e-004</b>		<b>0.0123</b>	<b>0.0123</b>		<b>0.0118</b>	<b>0.0118</b>	<b>0.0000</b>	<b>31.1473</b>	<b>31.1473</b>	<b>6.1300e-003</b>	<b>0.0000</b>	<b>31.3005</b>

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**3.3 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.5000e-004	6.2400e-003	2.0000e-005	2.3700e-003	2.0000e-005	2.3900e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.1725	2.1725	4.0000e-005	0.0000	2.1736
<b>Total</b>	<b>8.5000e-004</b>	<b>5.5000e-004</b>	<b>6.2400e-003</b>	<b>2.0000e-005</b>	<b>2.3700e-003</b>	<b>2.0000e-005</b>	<b>2.3900e-003</b>	<b>6.3000e-004</b>	<b>2.0000e-005</b>	<b>6.5000e-004</b>	<b>0.0000</b>	<b>2.1725</b>	<b>2.1725</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.1736</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.9400e-003	0.0581	0.2240	3.8000e-004		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	31.1473	31.1473	6.1300e-003	0.0000	31.3005
<b>Total</b>	<b>4.9400e-003</b>	<b>0.0581</b>	<b>0.2240</b>	<b>3.8000e-004</b>		<b>5.3000e-004</b>	<b>5.3000e-004</b>		<b>5.3000e-004</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>31.1473</b>	<b>31.1473</b>	<b>6.1300e-003</b>	<b>0.0000</b>	<b>31.3005</b>

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**3.3 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.5000e-004	6.2400e-003	2.0000e-005	1.8600e-003	2.0000e-005	1.8800e-003	5.0000e-004	2.0000e-005	5.2000e-004	0.0000	2.1725	2.1725	4.0000e-005	0.0000	2.1736
<b>Total</b>	<b>8.5000e-004</b>	<b>5.5000e-004</b>	<b>6.2400e-003</b>	<b>2.0000e-005</b>	<b>1.8600e-003</b>	<b>2.0000e-005</b>	<b>1.8800e-003</b>	<b>5.0000e-004</b>	<b>2.0000e-005</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>2.1725</b>	<b>2.1725</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.1736</b>

**3.3 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2190	1.7233	1.6937	2.9500e-003		0.0829	0.0829		0.0794	0.0794	0.0000	245.0625	245.0625	0.0473	0.0000	246.2445
<b>Total</b>	<b>0.2190</b>	<b>1.7233</b>	<b>1.6937</b>	<b>2.9500e-003</b>		<b>0.0829</b>	<b>0.0829</b>		<b>0.0794</b>	<b>0.0794</b>	<b>0.0000</b>	<b>245.0625</b>	<b>245.0625</b>	<b>0.0473</b>	<b>0.0000</b>	<b>246.2445</b>

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**3.3 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3400e-003	3.8800e-003	0.0457	1.8000e-004	0.0187	1.4000e-004	0.0188	4.9600e-003	1.3000e-004	5.0900e-003	0.0000	16.4559	16.4559	3.2000e-004	0.0000	16.4639
<b>Total</b>	<b>6.3400e-003</b>	<b>3.8800e-003</b>	<b>0.0457</b>	<b>1.8000e-004</b>	<b>0.0187</b>	<b>1.4000e-004</b>	<b>0.0188</b>	<b>4.9600e-003</b>	<b>1.3000e-004</b>	<b>5.0900e-003</b>	<b>0.0000</b>	<b>16.4559</b>	<b>16.4559</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>16.4639</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0389	0.4567	1.7624	2.9500e-003		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	245.0622	245.0622	0.0473	0.0000	246.2442
<b>Total</b>	<b>0.0389</b>	<b>0.4567</b>	<b>1.7624</b>	<b>2.9500e-003</b>		<b>4.1500e-003</b>	<b>4.1500e-003</b>		<b>4.1500e-003</b>	<b>4.1500e-003</b>	<b>0.0000</b>	<b>245.0622</b>	<b>245.0622</b>	<b>0.0473</b>	<b>0.0000</b>	<b>246.2442</b>

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**3.3 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.3400e-003	3.8800e-003	0.0457	1.8000e-004	0.0146	1.4000e-004	0.0148	3.9700e-003	1.3000e-004	4.1000e-003	0.0000	16.4559	16.4559	3.2000e-004	0.0000	16.4639
<b>Total</b>	<b>6.3400e-003</b>	<b>3.8800e-003</b>	<b>0.0457</b>	<b>1.8000e-004</b>	<b>0.0146</b>	<b>1.4000e-004</b>	<b>0.0148</b>	<b>3.9700e-003</b>	<b>1.3000e-004</b>	<b>4.1000e-003</b>	<b>0.0000</b>	<b>16.4559</b>	<b>16.4559</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>16.4639</b>

**3.4 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.6500e-003	0.0560	0.0702	1.1000e-004		2.9300e-003	2.9300e-003		2.7000e-003	2.7000e-003	0.0000	9.3060	9.3060	2.9500e-003	0.0000	9.3798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>5.6500e-003</b>	<b>0.0560</b>	<b>0.0702</b>	<b>1.1000e-004</b>		<b>2.9300e-003</b>	<b>2.9300e-003</b>		<b>2.7000e-003</b>	<b>2.7000e-003</b>	<b>0.0000</b>	<b>9.3060</b>	<b>9.3060</b>	<b>2.9500e-003</b>	<b>0.0000</b>	<b>9.3798</b>

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**3.4 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.5000e-004	1.7400e-003	1.0000e-005	7.1000e-004	1.0000e-005	7.2000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	0.6276	0.6276	1.0000e-005	0.0000	0.6279
<b>Total</b>	<b>2.4000e-004</b>	<b>1.5000e-004</b>	<b>1.7400e-003</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>1.0000e-005</b>	<b>7.2000e-004</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6276</b>	<b>0.6276</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.6279</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2600e-003	5.4700e-003	0.0778	1.1000e-004		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	9.3060	9.3060	2.9500e-003	0.0000	9.3798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>1.2600e-003</b>	<b>5.4700e-003</b>	<b>0.0778</b>	<b>1.1000e-004</b>		<b>1.7000e-004</b>	<b>1.7000e-004</b>		<b>1.7000e-004</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>9.3060</b>	<b>9.3060</b>	<b>2.9500e-003</b>	<b>0.0000</b>	<b>9.3798</b>

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**3.4 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.4000e-004	1.5000e-004	1.7400e-003	1.0000e-005	5.6000e-004	1.0000e-005	5.6000e-004	1.5000e-004	0.0000	1.6000e-004	0.0000	0.6276	0.6276	1.0000e-005	0.0000	0.6279
<b>Total</b>	<b>2.4000e-004</b>	<b>1.5000e-004</b>	<b>1.7400e-003</b>	<b>1.0000e-005</b>	<b>5.6000e-004</b>	<b>1.0000e-005</b>	<b>5.6000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>0.6276</b>	<b>0.6276</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.6279</b>

**3.5 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2300e-003	8.4500e-003	0.0109	2.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	1.5320	1.5320	1.0000e-004	0.0000	1.5345
<b>Total</b>	<b>1.2300e-003</b>	<b>8.4500e-003</b>	<b>0.0109</b>	<b>2.0000e-005</b>		<b>4.9000e-004</b>	<b>4.9000e-004</b>		<b>4.9000e-004</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>1.5320</b>	<b>1.5320</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.5345</b>

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**3.5 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1674	0.1674	0.0000	0.0000	0.1674
<b>Total</b>	<b>6.0000e-005</b>	<b>4.0000e-005</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>1.9000e-004</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.1674</b>	<b>0.1674</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1674</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	7.7000e-004	0.0110	2.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.5320	1.5320	1.0000e-004	0.0000	1.5344
<b>Total</b>	<b>1.8000e-004</b>	<b>7.7000e-004</b>	<b>0.0110</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>1.5320</b>	<b>1.5320</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>1.5344</b>



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**3.5 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.7000e-004	0.0000	1.5000e-004	0.0000	1.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1674	0.1674	0.0000	0.0000	0.1674
<b>Total</b>	<b>6.0000e-005</b>	<b>4.0000e-005</b>	<b>4.7000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.1674</b>	<b>0.1674</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.1674</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501
Unmitigated	4.2300e-003	0.0119	0.0212	2.0000e-005	5.3000e-004	4.0000e-005	5.7000e-004	1.4000e-004	3.0000e-005	1.8000e-004	0.0000	1.6450	1.6450	2.0000e-004	0.0000	1.6501

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	31.64	31.64	31.64	1,414	1,414
Total	31.64	31.64	31.64	1,414	1,414

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.16	0.16	0.16	33.00	48.00	19.00	66	28	6

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505

5.0 Energy Detail

Historical Energy Use: N



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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
Unmitigated	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005

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**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	2.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-005	4.0000e-005	0.0000	0.0000	4.0000e-005
<b>Total</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0000</b>	<b>4.0000e-005</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	2.8388	1.3000e-004	3.0000e-005	2.8499
Unmitigated	2.8388	1.3000e-004	3.0000e-005	2.8499

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.78807	2.8388	1.3000e-004	3.0000e-005	2.8499
<b>Total</b>		<b>2.8388</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>2.8499</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.78807	2.8388	1.3000e-004	3.0000e-005	2.8499
<b>Total</b>		<b>2.8388</b>	<b>1.3000e-004</b>	<b>3.0000e-005</b>	<b>2.8499</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0406	2.4000e-003	0.0000	0.1006
Unmitigated	0.0406	2.4000e-003	0.0000	0.1006



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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
<b>Total</b>		<b>0.0406</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>0.1006</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.2	0.0406	2.4000e-003	0.0000	0.1006
<b>Total</b>		<b>0.0406</b>	<b>2.4000e-003</b>	<b>0.0000</b>	<b>0.1006</b>

**9.0 Operational Offroad**

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

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**Fire Pumps and Emergency Generators**

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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**IB-BUILD Hamman, Hillside Cove <COMM'L VARIANT>**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	860.00	1000sqft	4.80	860,000.00	0
Elementary School	50.00	1000sqft	0.50	50,000.00	0
Enclosed Parking with Elevator	593.95	1000sqft	0.00	593,950.00	0
Other Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
Other Non-Asphalt Surfaces	58.99	1000sqft	1.35	0.00	0
City Park	1.74	Acre	1.74	0.00	0
Condo/Townhouse High Rise	56.00	Dwelling Unit	1.70	263,885.00	153
Regional Shopping Center	83.16	1000sqft	0.00	83,160.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2022
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

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Project Characteristics - Construction and Operations; assumed operational in 2022

Land Use - Acreage/sq footage taken from Dec 2016 RFI response; 56 du x 2.74 residents/du (density, from F&P Daily VMT calcs) = 153; Pkg (asphalt/non-asphalt) = (outdoor pkg + streets/sidewalks)/2; Resid LU incl. Cmmn Courtyd +Roof Terrace sfg's

Construction Phase - 6 days/work wk; default days ratio'd up

Grading - equipment only; import/export hauling assumed in first 9 mos

Vehicle Trips - CityPk (Public Rec/OS) LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps - Assumed four of the eight total emergency generators would be assigned to this portion of the project.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	648.00
tblConstructionPhase	NumDays	300.00	572.00
tblConstructionPhase	NumDays	30.00	57.00
tblConstructionPhase	NumDays	20.00	24.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	12/27/2022	1/30/2021
tblConstructionPhase	PhaseStartDate	12/2/2020	1/6/2019
tblFleetMix	FleetMixLandUseSubType	General Office Building	City Park
tblFleetMix	FleetMixLandUseSubType	Elementary School	Condo/Townhouse High Rise

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tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	Elementary School
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	General Office Building
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces
tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces
tblGrading	AcresOfGrading	142.50	75.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	58,990.00	0.00
tblLandUse	BuildingSpaceSquareFeet	56,000.00	263,885.00
tblLandUse	GreenSpaceSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	58,990.00	0.00
tblLandUse	LandUseSquareFeet	75,794.40	0.00
tblLandUse	LandUseSquareFeet	56,000.00	263,885.00
tblLandUse	LotAcreage	19.74	4.80
tblLandUse	LotAcreage	1.15	0.50
tblLandUse	LotAcreage	13.64	0.00
tblLandUse	LotAcreage	0.88	1.70
tblLandUse	LotAcreage	1.91	0.00
tblLandUse	Population	160.00	153.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblVehicleTrips	CC_TL	7.30	0.55
tblVehicleTrips	CC_TL	7.30	1.14
tblVehicleTrips	CC_TL	7.30	4.66
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.55
tblVehicleTrips	CNW_TL	7.30	4.66

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tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.55
tblVehicleTrips	CW_TL	9.50	4.66
tblVehicleTrips	CW_TL	9.50	0.28
tblVehicleTrips	HO_TL	5.70	6.42
tblVehicleTrips	HS_TL	4.80	6.42
tblVehicleTrips	HW_TL	10.80	6.42
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.85
tblVehicleTrips	ST_TR	2.46	11.95
tblVehicleTrips	ST_TR	49.97	81.59
tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.85
tblVehicleTrips	SU_TR	1.05	11.95
tblVehicleTrips	SU_TR	25.24	81.59
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.85
tblVehicleTrips	WD_TR	15.43	25.58
tblVehicleTrips	WD_TR	11.03	11.95
tblVehicleTrips	WD_TR	42.70	81.59

## 2.0 Emissions Summary

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**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.1342	1.5489	0.9265	1.6600e-003	0.2155	0.0685	0.2840	0.0997	0.0630	0.1628	0.0000	151.4490	151.4490	0.0460	0.0000	152.5980
2019	4.3766	9.5106	7.4627	0.0258	1.3752	0.2660	1.6411	0.4144	0.2516	0.6659	0.0000	2,440.3909	2,440.3909	0.2713	0.0000	2,447.1736
2020	4.2397	7.5643	6.2424	0.0221	1.0229	0.1994	1.2223	0.2774	0.1886	0.4660	0.0000	2,095.8335	2,095.8335	0.2317	0.0000	2,101.6253
2021	0.2947	0.0228	0.0569	1.7000e-004	0.0126	1.3200e-003	0.0140	3.3600e-003	1.3100e-003	4.6700e-003	0.0000	14.8988	14.8988	4.7000e-004	0.0000	14.9104
<b>Maximum</b>	<b>4.3766</b>	<b>9.5106</b>	<b>7.4627</b>	<b>0.0258</b>	<b>1.3752</b>	<b>0.2660</b>	<b>1.6411</b>	<b>0.4144</b>	<b>0.2516</b>	<b>0.6659</b>	<b>0.0000</b>	<b>2,440.3909</b>	<b>2,440.3909</b>	<b>0.2713</b>	<b>0.0000</b>	<b>2,447.1736</b>



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**2.1 Overall Construction**

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.0217	0.0871	0.8722	1.6600e-003	0.0984	2.6700e-003	0.1010	0.0453	2.6700e-003	0.0479	0.0000	151.4488	151.4488	0.0460	0.0000	152.5978
2019	4.0171	6.2177	7.5060	0.0258	1.0181	0.0487	1.0668	0.3010	0.0466	0.3477	0.0000	2,440.3904	2,440.3904	0.2713	0.0000	2,447.1731
2020	3.9569	4.9283	6.3550	0.0221	0.8110	0.0320	0.8430	0.2254	0.0307	0.2561	0.0000	2,095.8331	2,095.8331	0.2317	0.0000	2,101.6248
2021	0.2922	4.5800e-003	0.0571	1.7000e-004	9.9100e-003	1.5000e-004	0.0101	2.6900e-003	1.4000e-004	2.8300e-003	0.0000	14.8988	14.8988	4.7000e-004	0.0000	14.9104
<b>Maximum</b>	<b>4.0171</b>	<b>6.2177</b>	<b>7.5060</b>	<b>0.0258</b>	<b>1.0181</b>	<b>0.0487</b>	<b>1.0668</b>	<b>0.3010</b>	<b>0.0466</b>	<b>0.3477</b>	<b>0.0000</b>	<b>2,440.3904</b>	<b>2,440.3904</b>	<b>0.2713</b>	<b>0.0000</b>	<b>2,447.1731</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>8.37</b>	<b>39.73</b>	<b>-0.69</b>	<b>0.00</b>	<b>26.23</b>	<b>84.40</b>	<b>36.08</b>	<b>27.74</b>	<b>84.12</b>	<b>49.63</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2018	1-31-2019	2.8187	0.8631
2	2-1-2019	4-30-2019	3.4028	2.5324
3	5-1-2019	7-31-2019	3.4852	2.5854
4	8-1-2019	10-31-2019	3.5017	2.6019
5	11-1-2019	1-31-2020	3.4551	2.5860
6	2-1-2020	4-30-2020	3.2145	2.4234
7	5-1-2020	7-31-2020	3.2582	2.4495
8	8-1-2020	10-31-2020	3.2722	2.4635

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9	11-1-2020	1-31-2021	1.2244	0.9666
		Highest	3.5017	2.6019

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823
Energy	0.1000	0.9076	0.7502	5.4600e-003		0.0691	0.0691		0.0691	0.0691	0.0000	5,752.5413	5,752.5413	0.2343	0.0627	5,777.0856
Mobile	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790
Waste						0.0000	0.0000		0.0000	0.0000	198.5313	0.0000	198.5313	11.7329	0.0000	491.8528
Water						0.0000	0.0000		0.0000	0.0000	52.0643	365.8082	417.8725	5.3641	0.1297	590.6208
<b>Total</b>	<b>9.2494</b>	<b>12.2331</b>	<b>28.7556</b>	<b>0.0820</b>	<b>6.2706</b>	<b>0.1885</b>	<b>6.4590</b>	<b>1.6893</b>	<b>0.1826</b>	<b>1.8719</b>	<b>253.1486</b>	<b>13,122.6077</b>	<b>13,375.7563</b>	<b>17.6872</b>	<b>0.1926</b>	<b>13,875.3204</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823
Energy	0.1000	0.9076	0.7502	5.4600e-003		0.0691	0.0691		0.0691	0.0691	0.0000	5,752.5413	5,752.5413	0.2343	0.0627	5,777.0856
Mobile	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790
Waste						0.0000	0.0000		0.0000	0.0000	198.5313	0.0000	198.5313	11.7329	0.0000	491.8528
Water						0.0000	0.0000		0.0000	0.0000	52.0643	365.8082	417.8725	5.3641	0.1297	590.6208
<b>Total</b>	<b>9.2494</b>	<b>12.2331</b>	<b>28.7556</b>	<b>0.0820</b>	<b>6.2706</b>	<b>0.1885</b>	<b>6.4590</b>	<b>1.6893</b>	<b>0.1826</b>	<b>1.8719</b>	<b>253.1486</b>	<b>13,122.6077</b>	<b>13,375.7563</b>	<b>17.6872</b>	<b>0.1926</b>	<b>13,875.3204</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	11/1/2018	1/5/2019	6	57	
2	Building Construction	Building Construction	1/6/2019	11/3/2020	6	572	
3	Paving	Paving	11/4/2020	12/1/2020	6	24	
4	Architectural Coating	Architectural Coating	1/6/2019	1/30/2021	6	648	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 75**

**Acres of Paving: 2.7**

**Residential Indoor: 534,367; Residential Outdoor: 178,122; Non-Residential Indoor: 1,489,740; Non-Residential Outdoor: 496,580; Striped Parking Area: 35,637 (Architectural Coating – sqft)**

**OffRoad Equipment**

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	613.00	266.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	123.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Grading - 2018**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2114	0.0000	0.2114	0.0986	0.0000	0.0986	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1323	1.5476	0.9123	1.6100e-003		0.0685	0.0685		0.0630	0.0630	0.0000	147.2861	147.2861	0.0459	0.0000	148.4324
<b>Total</b>	<b>0.1323</b>	<b>1.5476</b>	<b>0.9123</b>	<b>1.6100e-003</b>	<b>0.2114</b>	<b>0.0685</b>	<b>0.2799</b>	<b>0.0986</b>	<b>0.0630</b>	<b>0.1616</b>	<b>0.0000</b>	<b>147.2861</b>	<b>147.2861</b>	<b>0.0459</b>	<b>0.0000</b>	<b>148.4324</b>

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**3.2 Grading - 2018**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	4.1100e-003	3.0000e-005	4.1400e-003	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
<b>Total</b>	<b>1.8600e-003</b>	<b>1.3300e-003</b>	<b>0.0142</b>	<b>5.0000e-005</b>	<b>4.1100e-003</b>	<b>3.0000e-005</b>	<b>4.1400e-003</b>	<b>1.0900e-003</b>	<b>3.0000e-005</b>	<b>1.1200e-003</b>	<b>0.0000</b>	<b>4.1629</b>	<b>4.1629</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.1656</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0951	0.0000	0.0951	0.0444	0.0000	0.0444	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0198	0.0858	0.8580	1.6100e-003		2.6400e-003	2.6400e-003		2.6400e-003	2.6400e-003	0.0000	147.2859	147.2859	0.0459	0.0000	148.4322
<b>Total</b>	<b>0.0198</b>	<b>0.0858</b>	<b>0.8580</b>	<b>1.6100e-003</b>	<b>0.0951</b>	<b>2.6400e-003</b>	<b>0.0978</b>	<b>0.0444</b>	<b>2.6400e-003</b>	<b>0.0470</b>	<b>0.0000</b>	<b>147.2859</b>	<b>147.2859</b>	<b>0.0459</b>	<b>0.0000</b>	<b>148.4322</b>

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**3.2 Grading - 2018**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8600e-003	1.3300e-003	0.0142	5.0000e-005	3.2200e-003	3.0000e-005	3.2500e-003	8.8000e-004	3.0000e-005	9.0000e-004	0.0000	4.1629	4.1629	1.1000e-004	0.0000	4.1656
<b>Total</b>	<b>1.8600e-003</b>	<b>1.3300e-003</b>	<b>0.0142</b>	<b>5.0000e-005</b>	<b>3.2200e-003</b>	<b>3.0000e-005</b>	<b>3.2500e-003</b>	<b>8.8000e-004</b>	<b>3.0000e-005</b>	<b>9.0000e-004</b>	<b>0.0000</b>	<b>4.1629</b>	<b>4.1629</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>4.1656</b>

**3.2 Grading - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2114	0.0000	0.2114	0.0986	0.0000	0.0986	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0119	0.1363	0.0834	1.6000e-004		5.9600e-003	5.9600e-003		5.4800e-003	5.4800e-003	0.0000	13.9253	13.9253	4.4100e-003	0.0000	14.0355
<b>Total</b>	<b>0.0119</b>	<b>0.1363</b>	<b>0.0834</b>	<b>1.6000e-004</b>	<b>0.2114</b>	<b>5.9600e-003</b>	<b>0.2174</b>	<b>0.0986</b>	<b>5.4800e-003</b>	<b>0.1041</b>	<b>0.0000</b>	<b>13.9253</b>	<b>13.9253</b>	<b>4.4100e-003</b>	<b>0.0000</b>	<b>14.0355</b>



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**3.2 Grading - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.2300e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3879	0.3879	1.0000e-005	0.0000	0.3882
<b>Total</b>	<b>1.6000e-004</b>	<b>1.1000e-004</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>0.0000</b>	<b>4.0000e-004</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>1.1000e-004</b>	<b>0.0000</b>	<b>0.3879</b>	<b>0.3879</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3882</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0951	0.0000	0.0951	0.0444	0.0000	0.0444	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-003	8.2500e-003	0.0825	1.6000e-004		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	13.9253	13.9253	4.4100e-003	0.0000	14.0355
<b>Total</b>	<b>1.9000e-003</b>	<b>8.2500e-003</b>	<b>0.0825</b>	<b>1.6000e-004</b>	<b>0.0951</b>	<b>2.5000e-004</b>	<b>0.0954</b>	<b>0.0444</b>	<b>2.5000e-004</b>	<b>0.0446</b>	<b>0.0000</b>	<b>13.9253</b>	<b>13.9253</b>	<b>4.4100e-003</b>	<b>0.0000</b>	<b>14.0355</b>

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**3.2 Grading - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6000e-004	1.1000e-004	1.2300e-003	0.0000	3.1000e-004	0.0000	3.1000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.3879	0.3879	1.0000e-005	0.0000	0.3882
<b>Total</b>	<b>1.6000e-004</b>	<b>1.1000e-004</b>	<b>1.2300e-003</b>	<b>0.0000</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>3.1000e-004</b>	<b>8.0000e-005</b>	<b>0.0000</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>0.3879</b>	<b>0.3879</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3882</b>

**3.3 Building Construction - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3636	3.2461	2.6432	4.1400e-003		0.1986	0.1986		0.1868	0.1868	0.0000	362.0605	362.0605	0.0882	0.0000	364.2655
<b>Total</b>	<b>0.3636</b>	<b>3.2461</b>	<b>2.6432</b>	<b>4.1400e-003</b>		<b>0.1986</b>	<b>0.1986</b>		<b>0.1868</b>	<b>0.1868</b>	<b>0.0000</b>	<b>362.0605</b>	<b>362.0605</b>	<b>0.0882</b>	<b>0.0000</b>	<b>364.2655</b>

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**3.3 Building Construction - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1852	5.5884	1.6588	0.0113	0.2678	0.0346	0.3024	0.0774	0.0331	0.1105	0.0000	1,145.2923	1,145.2923	0.1544	0.0000	1,149.1530
Worker	0.3094	0.2140	2.3257	8.1000e-003	0.7460	5.7700e-003	0.7517	0.1984	5.3100e-003	0.2038	0.0000	732.4390	732.4390	0.0174	0.0000	732.8751
<b>Total</b>	<b>0.4946</b>	<b>5.8025</b>	<b>3.9846</b>	<b>0.0194</b>	<b>1.0137</b>	<b>0.0404</b>	<b>1.0541</b>	<b>0.2758</b>	<b>0.0384</b>	<b>0.3143</b>	<b>0.0000</b>	<b>1,877.7313</b>	<b>1,877.7313</b>	<b>0.1719</b>	<b>0.0000</b>	<b>1,882.0280</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0505	0.3441	2.6889	4.1400e-003		6.2800e-003	6.2800e-003		6.2800e-003	6.2800e-003	0.0000	362.0600	362.0600	0.0882	0.0000	364.2651
<b>Total</b>	<b>0.0505</b>	<b>0.3441</b>	<b>2.6889</b>	<b>4.1400e-003</b>		<b>6.2800e-003</b>	<b>6.2800e-003</b>		<b>6.2800e-003</b>	<b>6.2800e-003</b>	<b>0.0000</b>	<b>362.0600</b>	<b>362.0600</b>	<b>0.0882</b>	<b>0.0000</b>	<b>364.2651</b>

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**3.3 Building Construction - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1852	5.5884	1.6588	0.0113	0.2205	0.0346	0.2551	0.0658	0.0331	0.0989	0.0000	1,145.2923	1,145.2923	0.1544	0.0000	1,149.1530
Worker	0.3094	0.2140	2.3257	8.1000e-003	0.5848	5.7700e-003	0.5906	0.1589	5.3100e-003	0.1642	0.0000	732.4390	732.4390	0.0174	0.0000	732.8751
<b>Total</b>	<b>0.4946</b>	<b>5.8025</b>	<b>3.9846</b>	<b>0.0194</b>	<b>0.8053</b>	<b>0.0404</b>	<b>0.8457</b>	<b>0.2247</b>	<b>0.0384</b>	<b>0.2631</b>	<b>0.0000</b>	<b>1,877.7313</b>	<b>1,877.7313</b>	<b>0.1719</b>	<b>0.0000</b>	<b>1,882.0280</b>

**3.3 Building Construction - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2798	2.5326	2.2240	3.5500e-003		0.1475	0.1475		0.1386	0.1386	0.0000	305.7252	305.7252	0.0746	0.0000	307.5898
<b>Total</b>	<b>0.2798</b>	<b>2.5326</b>	<b>2.2240</b>	<b>3.5500e-003</b>		<b>0.1475</b>	<b>0.1475</b>		<b>0.1386</b>	<b>0.1386</b>	<b>0.0000</b>	<b>305.7252</b>	<b>305.7252</b>	<b>0.0746</b>	<b>0.0000</b>	<b>307.5898</b>

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**3.3 Building Construction - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1291	4.3955	1.2985	9.5200e-003	0.2295	0.0194	0.2489	0.0663	0.0186	0.0849	0.0000	971.9373	971.9373	0.1297	0.0000	975.1793
Worker	0.2459	0.1636	1.8185	6.7100e-003	0.6394	4.9200e-003	0.6443	0.1701	4.5300e-003	0.1746	0.0000	607.6747	607.6747	0.0133	0.0000	608.0077
<b>Total</b>	<b>0.3750</b>	<b>4.5591</b>	<b>3.1170</b>	<b>0.0162</b>	<b>0.8689</b>	<b>0.0244</b>	<b>0.8932</b>	<b>0.2364</b>	<b>0.0231</b>	<b>0.2596</b>	<b>0.0000</b>	<b>1,579.6120</b>	<b>1,579.6120</b>	<b>0.1430</b>	<b>0.0000</b>	<b>1,583.1870</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0433	0.2950	2.3048	3.5500e-003		5.3800e-003	5.3800e-003		5.3800e-003	5.3800e-003	0.0000	305.7248	305.7248	0.0746	0.0000	307.5895
<b>Total</b>	<b>0.0433</b>	<b>0.2950</b>	<b>2.3048</b>	<b>3.5500e-003</b>		<b>5.3800e-003</b>	<b>5.3800e-003</b>		<b>5.3800e-003</b>	<b>5.3800e-003</b>	<b>0.0000</b>	<b>305.7248</b>	<b>305.7248</b>	<b>0.0746</b>	<b>0.0000</b>	<b>307.5895</b>

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**3.3 Building Construction - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1291	4.3955	1.2985	9.5200e-003	0.1890	0.0194	0.2084	0.0564	0.0186	0.0750	0.0000	971.9373	971.9373	0.1297	0.0000	975.1793
Worker	0.2459	0.1636	1.8185	6.7100e-003	0.5013	4.9200e-003	0.5062	0.1362	4.5300e-003	0.1407	0.0000	607.6747	607.6747	0.0133	0.0000	608.0077
<b>Total</b>	<b>0.3750</b>	<b>4.5591</b>	<b>3.1170</b>	<b>0.0162</b>	<b>0.6903</b>	<b>0.0244</b>	<b>0.7146</b>	<b>0.1926</b>	<b>0.0231</b>	<b>0.2157</b>	<b>0.0000</b>	<b>1,579.6120</b>	<b>1,579.6120</b>	<b>0.1430</b>	<b>0.0000</b>	<b>1,583.1870</b>

**3.4 Paving - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0163	0.1688	0.1758	2.7000e-004		9.0300e-003	9.0300e-003		8.3100e-003	8.3100e-003	0.0000	24.0339	24.0339	7.7700e-003	0.0000	24.2282
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0181</b>	<b>0.1688</b>	<b>0.1758</b>	<b>2.7000e-004</b>		<b>9.0300e-003</b>	<b>9.0300e-003</b>		<b>8.3100e-003</b>	<b>8.3100e-003</b>	<b>0.0000</b>	<b>24.0339</b>	<b>24.0339</b>	<b>7.7700e-003</b>	<b>0.0000</b>	<b>24.2282</b>

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**3.4 Paving - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.6000e-004	4.0500e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.3518	1.3518	3.0000e-005	0.0000	1.3525
<b>Total</b>	<b>5.5000e-004</b>	<b>3.6000e-004</b>	<b>4.0500e-003</b>	<b>1.0000e-005</b>	<b>1.4200e-003</b>	<b>1.0000e-005</b>	<b>1.4300e-003</b>	<b>3.8000e-004</b>	<b>1.0000e-005</b>	<b>3.9000e-004</b>	<b>0.0000</b>	<b>1.3518</b>	<b>1.3518</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.3525</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3700e-003	0.0146	0.2076	2.7000e-004		4.5000e-004	4.5000e-004		4.5000e-004	4.5000e-004	0.0000	24.0338	24.0338	7.7700e-003	0.0000	24.2282
Paving	1.7700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>5.1400e-003</b>	<b>0.0146</b>	<b>0.2076</b>	<b>2.7000e-004</b>		<b>4.5000e-004</b>	<b>4.5000e-004</b>		<b>4.5000e-004</b>	<b>4.5000e-004</b>	<b>0.0000</b>	<b>24.0338</b>	<b>24.0338</b>	<b>7.7700e-003</b>	<b>0.0000</b>	<b>24.2282</b>

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**3.4 Paving - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.6000e-004	4.0500e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	1.3518	1.3518	3.0000e-005	0.0000	1.3525
<b>Total</b>	<b>5.5000e-004</b>	<b>3.6000e-004</b>	<b>4.0500e-003</b>	<b>1.0000e-005</b>	<b>1.1200e-003</b>	<b>1.0000e-005</b>	<b>1.1300e-003</b>	<b>3.0000e-004</b>	<b>1.0000e-005</b>	<b>3.1000e-004</b>	<b>0.0000</b>	<b>1.3518</b>	<b>1.3518</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.3525</b>

**3.5 Architectural Coating - 2019**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4033					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0410	0.2827	0.2836	4.6000e-004		0.0198	0.0198		0.0198	0.0198	0.0000	39.3201	39.3201	3.3200e-003	0.0000	39.4031
<b>Total</b>	<b>3.4443</b>	<b>0.2827</b>	<b>0.2836</b>	<b>4.6000e-004</b>		<b>0.0198</b>	<b>0.0198</b>		<b>0.0198</b>	<b>0.0198</b>	<b>0.0000</b>	<b>39.3201</b>	<b>39.3201</b>	<b>3.3200e-003</b>	<b>0.0000</b>	<b>39.4031</b>



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**3.5 Architectural Coating - 2019**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0621	0.0429	0.4667	1.6200e-003	0.1497	1.1600e-003	0.1508	0.0398	1.0700e-003	0.0409	0.0000	146.9657	146.9657	3.5000e-003	0.0000	147.0532
<b>Total</b>	<b>0.0621</b>	<b>0.0429</b>	<b>0.4667</b>	<b>1.6200e-003</b>	<b>0.1497</b>	<b>1.1600e-003</b>	<b>0.1508</b>	<b>0.0398</b>	<b>1.0700e-003</b>	<b>0.0409</b>	<b>0.0000</b>	<b>146.9657</b>	<b>146.9657</b>	<b>3.5000e-003</b>	<b>0.0000</b>	<b>147.0532</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4033					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5800e-003	0.0198	0.2822	4.6000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	39.3201	39.3201	3.3200e-003	0.0000	39.4031
<b>Total</b>	<b>3.4079</b>	<b>0.0198</b>	<b>0.2822</b>	<b>4.6000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>39.3201</b>	<b>39.3201</b>	<b>3.3200e-003</b>	<b>0.0000</b>	<b>39.4031</b>

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**3.5 Architectural Coating - 2019**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0621	0.0429	0.4667	1.6200e-003	0.1174	1.1600e-003	0.1185	0.0319	1.0700e-003	0.0330	0.0000	146.9657	146.9657	3.5000e-003	0.0000	147.0532
<b>Total</b>	<b>0.0621</b>	<b>0.0429</b>	<b>0.4667</b>	<b>1.6200e-003</b>	<b>0.1174</b>	<b>1.1600e-003</b>	<b>0.1185</b>	<b>0.0319</b>	<b>1.0700e-003</b>	<b>0.0330</b>	<b>0.0000</b>	<b>146.9657</b>	<b>146.9657</b>	<b>3.5000e-003</b>	<b>0.0000</b>	<b>147.0532</b>

**3.5 Architectural Coating - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4696					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0380	0.2644	0.2875	4.7000e-004		0.0174	0.0174		0.0174	0.0174	0.0000	40.0861	40.0861	3.1000e-003	0.0000	40.1637
<b>Total</b>	<b>3.5076</b>	<b>0.2644</b>	<b>0.2875</b>	<b>4.7000e-004</b>		<b>0.0174</b>	<b>0.0174</b>		<b>0.0174</b>	<b>0.0174</b>	<b>0.0000</b>	<b>40.0861</b>	<b>40.0861</b>	<b>3.1000e-003</b>	<b>0.0000</b>	<b>40.1637</b>

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**3.5 Architectural Coating - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0587	0.0391	0.4340	1.6000e-003	0.1526	1.1700e-003	0.1538	0.0406	1.0800e-003	0.0417	0.0000	145.0246	145.0246	3.1800e-003	0.0000	145.1040
<b>Total</b>	<b>0.0587</b>	<b>0.0391</b>	<b>0.4340</b>	<b>1.6000e-003</b>	<b>0.1526</b>	<b>1.1700e-003</b>	<b>0.1538</b>	<b>0.0406</b>	<b>1.0800e-003</b>	<b>0.0417</b>	<b>0.0000</b>	<b>145.0246</b>	<b>145.0246</b>	<b>3.1800e-003</b>	<b>0.0000</b>	<b>145.1040</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.4696					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0202	0.2877	4.7000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	40.0860	40.0860	3.1000e-003	0.0000	40.1636
<b>Total</b>	<b>3.4743</b>	<b>0.0202</b>	<b>0.2877</b>	<b>4.7000e-004</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>		<b>6.2000e-004</b>	<b>6.2000e-004</b>	<b>0.0000</b>	<b>40.0860</b>	<b>40.0860</b>	<b>3.1000e-003</b>	<b>0.0000</b>	<b>40.1636</b>

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**3.5 Architectural Coating - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0587	0.0391	0.4340	1.6000e-003	0.1196	1.1700e-003	0.1208	0.0325	1.0800e-003	0.0336	0.0000	145.0246	145.0246	3.1800e-003	0.0000	145.1040
<b>Total</b>	<b>0.0587</b>	<b>0.0391</b>	<b>0.4340</b>	<b>1.6000e-003</b>	<b>0.1196</b>	<b>1.1700e-003</b>	<b>0.1208</b>	<b>0.0325</b>	<b>1.0800e-003</b>	<b>0.0336</b>	<b>0.0000</b>	<b>145.0246</b>	<b>145.0246</b>	<b>3.1800e-003</b>	<b>0.0000</b>	<b>145.1040</b>

**3.5 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2873					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8500e-003	0.0199	0.0236	4.0000e-005		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
<b>Total</b>	<b>0.2901</b>	<b>0.0199</b>	<b>0.0236</b>	<b>4.0000e-005</b>		<b>1.2200e-003</b>	<b>1.2200e-003</b>		<b>1.2200e-003</b>	<b>1.2200e-003</b>	<b>0.0000</b>	<b>3.3192</b>	<b>3.3192</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>3.3249</b>

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**3.5 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.9100e-003	0.0332	1.3000e-004	0.0126	1.0000e-004	0.0127	3.3600e-003	9.0000e-005	3.4500e-003	0.0000	11.5795	11.5795	2.4000e-004	0.0000	11.5855
<b>Total</b>	<b>4.5500e-003</b>	<b>2.9100e-003</b>	<b>0.0332</b>	<b>1.3000e-004</b>	<b>0.0126</b>	<b>1.0000e-004</b>	<b>0.0127</b>	<b>3.3600e-003</b>	<b>9.0000e-005</b>	<b>3.4500e-003</b>	<b>0.0000</b>	<b>11.5795</b>	<b>11.5795</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>11.5855</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2873					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9000e-004	1.6700e-003	0.0238	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.3192	3.3192	2.3000e-004	0.0000	3.3249
<b>Total</b>	<b>0.2877</b>	<b>1.6700e-003</b>	<b>0.0238</b>	<b>4.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>		<b>5.0000e-005</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>3.3192</b>	<b>3.3192</b>	<b>2.3000e-004</b>	<b>0.0000</b>	<b>3.3249</b>

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**3.5 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5500e-003	2.9100e-003	0.0332	1.3000e-004	9.9100e-003	1.0000e-004	0.0100	2.6900e-003	9.0000e-005	2.7800e-003	0.0000	11.5795	11.5795	2.4000e-004	0.0000	11.5855
<b>Total</b>	<b>4.5500e-003</b>	<b>2.9100e-003</b>	<b>0.0332</b>	<b>1.3000e-004</b>	<b>9.9100e-003</b>	<b>1.0000e-004</b>	<b>0.0100</b>	<b>2.6900e-003</b>	<b>9.0000e-005</b>	<b>2.7800e-003</b>	<b>0.0000</b>	<b>11.5795</b>	<b>11.5795</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>11.5855</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790
Unmitigated	3.3423	11.3176	27.3956	0.0761	6.2706	0.0916	6.3621	1.6893	0.0856	1.7750	0.0000	7,002.4999	7,002.4999	0.3512	0.0000	7,011.2790

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	23.52	23.52	23.52	3,489	3,489
Condo/Townhouse High Rise	215.60	215.60	215.60	447,386	447,386
Elementary School	1,279.00	0.00	0.00	1,588,805	1,588,805
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	10,277.00	10,277.00	10,277.00	14,265,835	14,265,835
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	6,785.02	6,785.02	6,785.02	461,102	461,102
<b>Total</b>	<b>18,580.15</b>	<b>17,301.15</b>	<b>17,301.15</b>	<b>16,766,617</b>	<b>16,766,617</b>

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.55	0.55	0.55	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.42	6.42	6.42	31.00	15.00	54.00	86	11	3
Elementary School	9.50	1.14	7.30	65.00	30.00	5.00	63	25	12
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Office Building	4.66	4.66	4.66	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Condo/Townhouse High Rise	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Elementary School	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Enclosed Parking with Elevator	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
General Office Building	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Other Non-Asphalt Surfaces	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492
Regional Shopping Center	0.605720	0.039347	0.191789	0.088945	0.014469	0.004989	0.029396	0.009044	0.004299	0.004006	0.006568	0.000937	0.000492

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy



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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated							0.0000	0.0000		0.0000	0.0000	4,762.4550	4,762.4550	0.2153	0.0446	4,781.1157
Electricity Unmitigated							0.0000	0.0000		0.0000	0.0000	4,762.4550	4,762.4550	0.2153	0.0446	4,781.1157
NaturalGas Mitigated	0.1000	0.9076	0.7502	5.4600e-003			0.0691	0.0691		0.0691	0.0000	990.0863	990.0863	0.0190	0.0182	995.9698
NaturalGas Unmitigated	0.1000	0.9076	0.7502	5.4600e-003			0.0691	0.0691		0.0691	0.0000	990.0863	990.0863	0.0190	0.0182	995.9698

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**5.2 Energy by Land Use - NaturalGas**

**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	640616	3.4500e-003	0.0295	0.0126	1.9000e-004		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	34.1857	34.1857	6.6000e-004	6.3000e-004	34.3889
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	1.67012e+007	0.0901	0.8187	0.6877	4.9100e-003		0.0622	0.0622		0.0622	0.0622	0.0000	891.2396	891.2396	0.0171	0.0163	896.5358
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	384199	2.0700e-003	0.0188	0.0158	1.1000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	20.5023	20.5023	3.9000e-004	3.8000e-004	20.6242
<b>Total</b>		<b>0.1000</b>	<b>0.9076</b>	<b>0.7502</b>	<b>5.4500e-003</b>		<b>0.0691</b>	<b>0.0691</b>		<b>0.0691</b>	<b>0.0691</b>	<b>0.0000</b>	<b>990.0862</b>	<b>990.0862</b>	<b>0.0190</b>	<b>0.0182</b>	<b>995.9698</b>

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**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	640616	3.4500e-003	0.0295	0.0126	1.9000e-004		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	34.1857	34.1857	6.6000e-004	6.3000e-004	34.3889
Elementary School	827500	4.4600e-003	0.0406	0.0341	2.4000e-004		3.0800e-003	3.0800e-003		3.0800e-003	3.0800e-003	0.0000	44.1586	44.1586	8.5000e-004	8.1000e-004	44.4210
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	1.67012e+007	0.0901	0.8187	0.6877	4.9100e-003		0.0622	0.0622		0.0622	0.0622	0.0000	891.2396	891.2396	0.0171	0.0163	896.5358
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	384199	2.0700e-003	0.0188	0.0158	1.1000e-004		1.4300e-003	1.4300e-003		1.4300e-003	1.4300e-003	0.0000	20.5023	20.5023	3.9000e-004	3.8000e-004	20.6242
<b>Total</b>		<b>0.1000</b>	<b>0.9076</b>	<b>0.7502</b>	<b>5.4500e-003</b>		<b>0.0691</b>	<b>0.0691</b>		<b>0.0691</b>	<b>0.0691</b>	<b>0.0000</b>	<b>990.0862</b>	<b>990.0862</b>	<b>0.0190</b>	<b>0.0182</b>	<b>995.9698</b>

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**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	267739	77.8883	3.5200e-003	7.3000e-004	78.1935
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	4.00322e+006	1,164.5835	0.0527	0.0109	1,169.1467
General Office Building	1.09822e+007	3,194.8479	0.1445	0.0299	3,207.3663
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	890644	259.0984	0.0117	2.4200e-003	260.1137
<b>Total</b>		<b>4,762.4550</b>	<b>0.2154</b>	<b>0.0446</b>	<b>4,781.1157</b>

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**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	267739	77.8883	3.5200e-003	7.3000e-004	78.1935
Elementary School	227000	66.0369	2.9900e-003	6.2000e-004	66.2957
Enclosed Parking with Elevator	4.00322e+006	1,164.5835	0.0527	0.0109	1,169.1467
General Office Building	1.09822e+007	3,194.8479	0.1445	0.0299	3,207.3663
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	890644	259.0984	0.0117	2.4200e-003	260.1137
<b>Total</b>		<b>4,762.4550</b>	<b>0.2154</b>	<b>0.0446</b>	<b>4,781.1157</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823
Unmitigated	5.8070	7.9200e-003	0.6099	3.8000e-004		0.0278	0.0278		0.0278	0.0278	2.5530	1.7584	4.3114	4.8400e-003	1.7000e-004	4.4823

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7160					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1292	2.9700e-003	0.1779	3.5000e-004		0.0254	0.0254		0.0254	0.0254	2.5530	1.0487	3.6017	4.1000e-003	1.7000e-004	3.7542
Landscaping	0.0140	4.9400e-003	0.4320	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.7097	0.7097	7.4000e-004	0.0000	0.7281
<b>Total</b>	<b>5.8070</b>	<b>7.9100e-003</b>	<b>0.6099</b>	<b>3.7000e-004</b>		<b>0.0278</b>	<b>0.0278</b>		<b>0.0278</b>	<b>0.0278</b>	<b>2.5530</b>	<b>1.7584</b>	<b>4.3114</b>	<b>4.8400e-003</b>	<b>1.7000e-004</b>	<b>4.4823</b>

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**6.2 Area by SubCategory**

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7160					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.9478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.1292	2.9700e-003	0.1779	3.5000e-004		0.0254	0.0254		0.0254	0.0254	2.5530	1.0487	3.6017	4.1000e-003	1.7000e-004	3.7542
Landscaping	0.0140	4.9400e-003	0.4320	2.0000e-005		2.3600e-003	2.3600e-003		2.3600e-003	2.3600e-003	0.0000	0.7097	0.7097	7.4000e-004	0.0000	0.7281
<b>Total</b>	<b>5.8070</b>	<b>7.9100e-003</b>	<b>0.6099</b>	<b>3.7000e-004</b>		<b>0.0278</b>	<b>0.0278</b>		<b>0.0278</b>	<b>0.0278</b>	<b>2.5530</b>	<b>1.7584</b>	<b>4.3114</b>	<b>4.8400e-003</b>	<b>1.7000e-004</b>	<b>4.4823</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	417.8725	5.3641	0.1297	590.6208
Unmitigated	417.8725	5.3641	0.1297	590.6208



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**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	3.64863 / 2.30022	9.2430	0.1193	2.8800e-003	13.0835
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	152.851 / 93.6829	384.4857	4.9959	0.1208	545.3646
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	6.15987 / 3.7754	15.4947	0.2013	4.8700e-003	21.9781
<b>Total</b>		<b>417.8725</b>	<b>5.3641</b>	<b>0.1297</b>	<b>590.6208</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 2.07318	2.1109	1.0000e-004	2.0000e-005	2.1192
Condo/Townhouse High Rise	3.64863 / 2.30022	9.2430	0.1193	2.8800e-003	13.0835
Elementary School	1.44985 / 3.72818	6.5382	0.0475	1.1700e-003	8.0755
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	152.851 / 93.6829	384.4857	4.9959	0.1208	545.3646
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	6.15987 / 3.7754	15.4947	0.2013	4.8700e-003	21.9781
<b>Total</b>		<b>417.8725</b>	<b>5.3641</b>	<b>0.1297</b>	<b>590.6208</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

IB-BUILD Hamman, Hillside Cove <COMM'L VARIANT> - San Francisco County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	198.5313	11.7329	0.0000	491.8528
Unmitigated	198.5313	11.7329	0.0000	491.8528

## IB-BUILD Hamman, Hillside Cove &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	25.76	5.2291	0.3090	0.0000	12.9547
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	799.8	162.3522	9.5947	0.0000	402.2206
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	87.32	17.7252	1.0475	0.0000	43.9134
<b>Total</b>		<b>198.5313</b>	<b>11.7329</b>	<b>0.0000</b>	<b>491.8528</b>

IB-BUILD Hamman, Hillside Cove <COMM'L VARIANT> - San Francisco County, Annual

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.15	0.0305	1.8000e-003	0.0000	0.0754
Condo/Townhouse High Rise	25.76	5.2291	0.3090	0.0000	12.9547
Elementary School	65	13.1944	0.7798	0.0000	32.6886
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	799.8	162.3522	9.5947	0.0000	402.2206
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	87.32	17.7252	1.0475	0.0000	43.9134
<b>Total</b>		<b>198.5313</b>	<b>11.7329</b>	<b>0.0000</b>	<b>491.8528</b>

**9.0 Operational Offroad**

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

Fire Pumps and Emergency Generators

IB-BUILD Hamman, Hillside Cove <COMM'L VARIANT> - San Francisco County, Annual

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**IB-BUILD Flats and Earl Construction <COMM'L VARIANT>**  
**San Francisco County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	123.42	1000sqft	2.83	123,415.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
Other Non-Asphalt Surfaces	37.35	1000sqft	0.86	0.00	0
City Park	0.97	Acre	0.97	0.00	0
Condo/Townhouse High Rise	444.00	Dwelling Unit	3.10	570,819.00	1218
Regional Shopping Center	28.42	1000sqft	0.50	28,420.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	4.6	<b>Precipitation Freq (Days)</b>	64
<b>Climate Zone</b>	5			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MW hr)</b>	641.35	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

Project Characteristics - Construction and Operations; assumed operational in 2023

Land Use - Acreage/sq footage taken from Dec 2016 RFI response

Construction Phase - 6 days/work wk; default days ratio'd up

Vehicle Trips - CityPk (Public Rec/OS)/other LU trip rates and other data based on traffic report Daily VMT calc sheet (20160916)

Energy Use -

Construction Off-road Equipment Mitigation - All equip at least Tier 4 Final. Assumes dust control measures consistent with BAAQMD and City of San Francisco Requirements. PM reduction for clean roads based on SCAQMD estimates of 25% to 60%.

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	25
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final



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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	558.00
tblConstructionPhase	NumDays	230.00	475.00
tblConstructionPhase	NumDays	20.00	26.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDays	20.00	41.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	6/24/2024	10/31/2022
tblConstructionPhase	PhaseStartDate	9/13/2022	1/19/2021
tblFleetMix	FleetMixLandUseSubType	Enclosed Parking with Elevator	City Park
tblFleetMix	FleetMixLandUseSubType	Other Asphalt Surfaces	Condo/Townhouse High Rise
tblFleetMix	FleetMixLandUseSubType	Other Non-Asphalt Surfaces	Enclosed Parking with Elevator
tblFleetMix	FleetMixLandUseSubType	City Park	Other Asphalt Surfaces
tblFleetMix	FleetMixLandUseSubType	Condo/Townhouse High Rise	Other Non-Asphalt Surfaces

## IB-BUILD Flats and Earl Construction &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

tblGrading	AcresOfGrading	20.50	10.00
tblLandUse	BuildingSpaceSquareFeet	123,420.00	123,415.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	37,350.00	0.00
tblLandUse	BuildingSpaceSquareFeet	444,000.00	570,819.00
tblLandUse	GreenSpaceSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	123,420.00	123,415.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	37,350.00	0.00
tblLandUse	LandUseSquareFeet	42,253.20	0.00
tblLandUse	LandUseSquareFeet	444,000.00	570,819.00
tblLandUse	LotAcreage	6.94	3.10
tblLandUse	LotAcreage	0.65	0.50
tblLandUse	Population	1,270.00	1,218.00
tblProjectCharacteristics	OperationalYear	2018	2023
tblVehicleTrips	CC_TL	7.30	0.55
tblVehicleTrips	CC_TL	7.30	0.28
tblVehicleTrips	CNW_TL	7.30	0.55
tblVehicleTrips	CNW_TL	7.30	0.28
tblVehicleTrips	CW_TL	9.50	0.55
tblVehicleTrips	CW_TL	9.50	0.28
tblVehicleTrips	HO_TL	5.70	6.42
tblVehicleTrips	HS_TL	4.80	6.42
tblVehicleTrips	HW_TL	10.80	6.42
tblVehicleTrips	ST_TR	22.75	13.52
tblVehicleTrips	ST_TR	4.31	3.85
tblVehicleTrips	ST_TR	49.97	81.59

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tblVehicleTrips	SU_TR	16.74	13.52
tblVehicleTrips	SU_TR	3.43	3.85
tblVehicleTrips	SU_TR	25.24	81.59
tblVehicleTrips	WD_TR	1.89	13.52
tblVehicleTrips	WD_TR	4.18	3.85
tblVehicleTrips	WD_TR	42.70	81.59

## 2.0 Emissions Summary

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IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0758	0.7754	0.5003	9.2000e-004	0.1318	0.0381	0.1700	0.0693	0.0353	0.1046	0.0000	81.0034	81.0034	0.0235	0.0000	81.5909
2021	2.7987	4.3643	4.6525	0.0130	0.7378	0.1724	0.9102	0.2321	0.1627	0.3948	0.0000	1,189.8343	1,189.8343	0.1412	0.0000	1,193.3647
2022	2.2908	2.5569	3.0523	8.2900e-003	0.3886	0.0979	0.4865	0.1043	0.0925	0.1968	0.0000	757.3161	757.3161	0.0933	0.0000	759.6476
<b>Maximum</b>	<b>2.7987</b>	<b>4.3643</b>	<b>4.6525</b>	<b>0.0130</b>	<b>0.7378</b>	<b>0.1724</b>	<b>0.9102</b>	<b>0.2321</b>	<b>0.1627</b>	<b>0.3948</b>	<b>0.0000</b>	<b>1,189.8343</b>	<b>1,189.8343</b>	<b>0.1412</b>	<b>0.0000</b>	<b>1,193.3647</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0119	0.0473	0.5422	9.2000e-004	0.0604	1.4500e-003	0.0618	0.0315	1.4500e-003	0.0329	0.0000	81.0034	81.0034	0.0235	0.0000	81.5908
2021	2.5217	1.7178	4.8008	0.0130	0.5382	0.0139	0.5521	0.1628	0.0134	0.1763	0.0000	1,189.8338	1,189.8338	0.1412	0.0000	1,193.3643
2022	2.1292	1.0031	3.2075	8.2900e-003	0.3063	8.9200e-003	0.3152	0.0841	8.6600e-003	0.0928	0.0000	757.3158	757.3158	0.0933	0.0000	759.6473
<b>Maximum</b>	<b>2.5217</b>	<b>1.7178</b>	<b>4.8008</b>	<b>0.0130</b>	<b>0.5382</b>	<b>0.0139</b>	<b>0.5521</b>	<b>0.1628</b>	<b>0.0134</b>	<b>0.1763</b>	<b>0.0000</b>	<b>1,189.8338</b>	<b>1,189.8338</b>	<b>0.1412</b>	<b>0.0000</b>	<b>1,193.3643</b>

## IB-BUILD Flats and Earl Construction &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.73	64.03	-4.21	0.00	28.08	92.14	40.69	31.36	91.90	56.63	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-1-2020	1-31-2021	1.3283	0.2345
2	2-1-2021	4-30-2021	1.7842	1.0840
3	5-1-2021	7-31-2021	1.8331	1.1093
4	8-1-2021	10-31-2021	1.8388	1.1150
5	11-1-2021	1-31-2022	1.8133	1.1179
6	2-1-2022	4-30-2022	1.6791	1.0607
7	5-1-2022	7-31-2022	1.6944	1.0637
8	8-1-2022	9-30-2022	0.6707	0.4349
		Highest	1.8388	1.1179

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840
Energy	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,226.1258	1,226.1258	0.0482	0.0140	1,231.4930
Mobile	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043
Waste						0.0000	0.0000		0.0000	0.0000	47.5324	0.0000	47.5324	2.8091	0.0000	117.7594
Water						0.0000	0.0000		0.0000	0.0000	9.8455	69.9102	79.7558	1.0144	0.0245	112.4258
<b>Total</b>	<b>4.6102</b>	<b>2.6027</b>	<b>10.4893</b>	<b>0.0208</b>	<b>1.3859</b>	<b>0.2581</b>	<b>1.6440</b>	<b>0.3733</b>	<b>0.2569</b>	<b>0.6302</b>	<b>77.6197</b>	<b>2,810.2142</b>	<b>2,887.8339</b>	<b>3.9826</b>	<b>0.0398</b>	<b>2,999.2665</b>

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840
Energy	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	1,226.1258	1,226.1258	0.0482	0.0140	1,231.4930
Mobile	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043
Waste						0.0000	0.0000		0.0000	0.0000	47.5324	0.0000	47.5324	2.8091	0.0000	117.7594
Water						0.0000	0.0000		0.0000	0.0000	9.8455	69.9102	79.7558	1.0144	0.0245	112.4258
<b>Total</b>	<b>4.6102</b>	<b>2.6027</b>	<b>10.4893</b>	<b>0.0208</b>	<b>1.3859</b>	<b>0.2581</b>	<b>1.6440</b>	<b>0.3733</b>	<b>0.2569</b>	<b>0.6302</b>	<b>77.6197</b>	<b>2,810.2142</b>	<b>2,887.8339</b>	<b>3.9826</b>	<b>0.0398</b>	<b>2,999.2665</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**3.0 Construction Detail**

**Construction Phase**

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2020	12/1/2020	6	26	
2	Grading	Grading	12/2/2020	1/18/2021	6	41	
3	Building Construction	Building Construction	1/19/2021	7/26/2022	6	475	
4	Paving	Paving	7/27/2022	9/12/2022	6	41	
5	Architectural Coating	Architectural Coating	1/19/2021	10/31/2022	6	558	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 4.55**

**Residential Indoor: 1,155,908; Residential Outdoor: 385,303; Non-Residential Indoor: 42,630; Non-Residential Outdoor: 14,210; Striped Parking Area: 7,405 (Architectural Coating – sqft)**

**OffRoad Equipment**



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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	381.00	72.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	76.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

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Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

**3.2 Demolition - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.4316	0.2828	5.0000e-004		0.0216	0.0216		0.0200	0.0200	0.0000	44.1982	44.1982	0.0125	0.0000	44.5101
<b>Total</b>	<b>0.0431</b>	<b>0.4316</b>	<b>0.2828</b>	<b>5.0000e-004</b>		<b>0.0216</b>	<b>0.0216</b>		<b>0.0200</b>	<b>0.0200</b>	<b>0.0000</b>	<b>44.1982</b>	<b>44.1982</b>	<b>0.0125</b>	<b>0.0000</b>	<b>44.5101</b>

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**3.2 Demolition - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.5400e-003</b>	<b>1.0000e-005</b>	<b>1.5500e-003</b>	<b>4.1000e-004</b>	<b>1.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.0100e-003	0.0260	0.3026	5.0000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	44.1981	44.1981	0.0125	0.0000	44.5101
<b>Total</b>	<b>6.0100e-003</b>	<b>0.0260</b>	<b>0.3026</b>	<b>5.0000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>		<b>8.0000e-004</b>	<b>8.0000e-004</b>	<b>0.0000</b>	<b>44.1981</b>	<b>44.1981</b>	<b>0.0125</b>	<b>0.0000</b>	<b>44.5101</b>

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**3.2 Demolition - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**3.3 Grading - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0316	0.3430	0.2087	3.9000e-004		0.0166	0.0166		0.0152	0.0152	0.0000	33.8764	33.8764	0.0110	0.0000	34.1503
<b>Total</b>	<b>0.0316</b>	<b>0.3430</b>	<b>0.2087</b>	<b>3.9000e-004</b>	<b>0.1288</b>	<b>0.0166</b>	<b>0.1453</b>	<b>0.0684</b>	<b>0.0152</b>	<b>0.0837</b>	<b>0.0000</b>	<b>33.8764</b>	<b>33.8764</b>	<b>0.0110</b>	<b>0.0000</b>	<b>34.1503</b>

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**3.3 Grading - 2020**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.5400e-003	1.0000e-005	1.5500e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.5400e-003</b>	<b>1.0000e-005</b>	<b>1.5500e-003</b>	<b>4.1000e-004</b>	<b>1.0000e-005</b>	<b>4.2000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7200e-003	0.0205	0.2308	3.9000e-004		6.3000e-004	6.3000e-004		6.3000e-004	6.3000e-004	0.0000	33.8763	33.8763	0.0110	0.0000	34.1502
<b>Total</b>	<b>4.7200e-003</b>	<b>0.0205</b>	<b>0.2308</b>	<b>3.9000e-004</b>	<b>0.0579</b>	<b>6.3000e-004</b>	<b>0.0586</b>	<b>0.0308</b>	<b>6.3000e-004</b>	<b>0.0314</b>	<b>0.0000</b>	<b>33.8763</b>	<b>33.8763</b>	<b>0.0110</b>	<b>0.0000</b>	<b>34.1502</b>

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**3.3 Grading - 2020**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	3.9000e-004	4.3800e-003	2.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.4644	1.4644	3.0000e-005	0.0000	1.4652
<b>Total</b>	<b>5.9000e-004</b>	<b>3.9000e-004</b>	<b>4.3800e-003</b>	<b>2.0000e-005</b>	<b>1.2100e-003</b>	<b>1.0000e-005</b>	<b>1.2200e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.4644</b>	<b>1.4644</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>1.4652</b>

**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1288	0.0000	0.1288	0.0684	0.0000	0.0684	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0172	0.1855	0.1189	2.2000e-004		8.7000e-003	8.7000e-003		8.0000e-003	8.0000e-003	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6983
<b>Total</b>	<b>0.0172</b>	<b>0.1855</b>	<b>0.1189</b>	<b>2.2000e-004</b>	<b>0.1288</b>	<b>8.7000e-003</b>	<b>0.1375</b>	<b>0.0684</b>	<b>8.0000e-003</b>	<b>0.0764</b>	<b>0.0000</b>	<b>19.5403</b>	<b>19.5403</b>	<b>6.3200e-003</b>	<b>0.0000</b>	<b>19.6983</b>

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**3.3 Grading - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	8.9000e-004	1.0000e-005	9.0000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
<b>Total</b>	<b>3.2000e-004</b>	<b>2.0000e-004</b>	<b>2.3400e-003</b>	<b>1.0000e-005</b>	<b>8.9000e-004</b>	<b>1.0000e-005</b>	<b>9.0000e-004</b>	<b>2.4000e-004</b>	<b>1.0000e-005</b>	<b>2.4000e-004</b>	<b>0.0000</b>	<b>0.8147</b>	<b>0.8147</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8151</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0579	0.0000	0.0579	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7200e-003	0.0118	0.1332	2.2000e-004		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	19.5403	19.5403	6.3200e-003	0.0000	19.6982
<b>Total</b>	<b>2.7200e-003</b>	<b>0.0118</b>	<b>0.1332</b>	<b>2.2000e-004</b>	<b>0.0579</b>	<b>3.6000e-004</b>	<b>0.0583</b>	<b>0.0308</b>	<b>3.6000e-004</b>	<b>0.0312</b>	<b>0.0000</b>	<b>19.5403</b>	<b>19.5403</b>	<b>6.3200e-003</b>	<b>0.0000</b>	<b>19.6982</b>

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**3.3 Grading - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	2.0000e-004	2.3400e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.0000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.8147	0.8147	2.0000e-005	0.0000	0.8151
<b>Total</b>	<b>3.2000e-004</b>	<b>2.0000e-004</b>	<b>2.3400e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-004</b>	<b>1.0000e-005</b>	<b>7.0000e-004</b>	<b>1.9000e-004</b>	<b>1.0000e-005</b>	<b>2.0000e-004</b>	<b>0.0000</b>	<b>0.8147</b>	<b>0.8147</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.8151</b>

**3.4 Building Construction - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2832	2.5974	2.4697	4.0100e-003		0.1428	0.1428		0.1343	0.1343	0.0000	345.1395	345.1395	0.0833	0.0000	347.2212
<b>Total</b>	<b>0.2832</b>	<b>2.5974</b>	<b>2.4697</b>	<b>4.0100e-003</b>		<b>0.1428</b>	<b>0.1428</b>		<b>0.1343</b>	<b>0.1343</b>	<b>0.0000</b>	<b>345.1395</b>	<b>345.1395</b>	<b>0.0833</b>	<b>0.0000</b>	<b>347.2212</b>



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**3.4 Building Construction - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0327	1.2298	0.3754	2.8600e-003	0.0701	2.7600e-003	0.0729	0.0203	2.6400e-003	0.0229	0.0000	293.1849	293.1849	0.0389	0.0000	294.1573
Worker	0.1616	0.1032	1.1800	4.5400e-003	0.4486	3.3900e-003	0.4520	0.1193	3.1200e-003	0.1225	0.0000	411.1060	411.1060	8.4300e-003	0.0000	411.3167
<b>Total</b>	<b>0.1943</b>	<b>1.3330</b>	<b>1.5554</b>	<b>7.4000e-003</b>	<b>0.5187</b>	<b>6.1500e-003</b>	<b>0.5249</b>	<b>0.1396</b>	<b>5.7600e-003</b>	<b>0.1454</b>	<b>0.0000</b>	<b>704.2909</b>	<b>704.2909</b>	<b>0.0473</b>	<b>0.0000</b>	<b>705.4740</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0489	0.3330	2.6016	4.0100e-003		6.0800e-003	6.0800e-003		6.0800e-003	6.0800e-003	0.0000	345.1391	345.1391	0.0833	0.0000	347.2208
<b>Total</b>	<b>0.0489</b>	<b>0.3330</b>	<b>2.6016</b>	<b>4.0100e-003</b>		<b>6.0800e-003</b>	<b>6.0800e-003</b>		<b>6.0800e-003</b>	<b>6.0800e-003</b>	<b>0.0000</b>	<b>345.1391</b>	<b>345.1391</b>	<b>0.0833</b>	<b>0.0000</b>	<b>347.2208</b>

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**3.4 Building Construction - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0327	1.2298	0.3754	2.8600e-003	0.0577	2.7600e-003	0.0605	0.0172	2.6400e-003	0.0199	0.0000	293.1849	293.1849	0.0389	0.0000	294.1573
Worker	0.1616	0.1032	1.1800	4.5400e-003	0.3517	3.3900e-003	0.3551	0.0956	3.1200e-003	0.0987	0.0000	411.1060	411.1060	8.4300e-003	0.0000	411.3167
<b>Total</b>	<b>0.1943</b>	<b>1.3330</b>	<b>1.5554</b>	<b>7.4000e-003</b>	<b>0.4094</b>	<b>6.1500e-003</b>	<b>0.4156</b>	<b>0.1128</b>	<b>5.7600e-003</b>	<b>0.1186</b>	<b>0.0000</b>	<b>704.2909</b>	<b>704.2909</b>	<b>0.0473</b>	<b>0.0000</b>	<b>705.4740</b>

**3.4 Building Construction - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1510	1.3820	1.4482	2.3800e-003		0.0716	0.0716		0.0674	0.0674	0.0000	205.0768	205.0768	0.0491	0.0000	206.3051
<b>Total</b>	<b>0.1510</b>	<b>1.3820</b>	<b>1.4482</b>	<b>2.3800e-003</b>		<b>0.0716</b>	<b>0.0716</b>		<b>0.0674</b>	<b>0.0674</b>	<b>0.0000</b>	<b>205.0768</b>	<b>205.0768</b>	<b>0.0491</b>	<b>0.0000</b>	<b>206.3051</b>

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**3.4 Building Construction - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0182	0.6916	0.2188	1.6700e-003	0.0417	1.4500e-003	0.0431	0.0120	1.3900e-003	0.0134	0.0000	171.8405	171.8405	0.0228	0.0000	172.4102
Worker	0.0905	0.0554	0.6533	2.6000e-003	0.2664	1.9800e-003	0.2684	0.0709	1.8300e-003	0.0727	0.0000	235.1141	235.1141	4.5300e-003	0.0000	235.2274
<b>Total</b>	<b>0.1087</b>	<b>0.7470</b>	<b>0.8721</b>	<b>4.2700e-003</b>	<b>0.3081</b>	<b>3.4300e-003</b>	<b>0.3115</b>	<b>0.0829</b>	<b>3.2200e-003</b>	<b>0.0861</b>	<b>0.0000</b>	<b>406.9546</b>	<b>406.9546</b>	<b>0.0273</b>	<b>0.0000</b>	<b>407.6376</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0290	0.1978	1.5452	2.3800e-003		3.6100e-003	3.6100e-003		3.6100e-003	3.6100e-003	0.0000	205.0766	205.0766	0.0491	0.0000	206.3049
<b>Total</b>	<b>0.0290</b>	<b>0.1978</b>	<b>1.5452</b>	<b>2.3800e-003</b>		<b>3.6100e-003</b>	<b>3.6100e-003</b>		<b>3.6100e-003</b>	<b>3.6100e-003</b>	<b>0.0000</b>	<b>205.0766</b>	<b>205.0766</b>	<b>0.0491</b>	<b>0.0000</b>	<b>206.3049</b>

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**3.4 Building Construction - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0182	0.6916	0.2188	1.6700e-003	0.0343	1.4500e-003	0.0358	0.0102	1.3900e-003	0.0116	0.0000	171.8405	171.8405	0.0228	0.0000	172.4102
Worker	0.0905	0.0554	0.6533	2.6000e-003	0.2089	1.9800e-003	0.2109	0.0568	1.8300e-003	0.0586	0.0000	235.1141	235.1141	4.5300e-003	0.0000	235.2274
<b>Total</b>	<b>0.1087</b>	<b>0.7470</b>	<b>0.8721</b>	<b>4.2700e-003</b>	<b>0.2432</b>	<b>3.4300e-003</b>	<b>0.2466</b>	<b>0.0670</b>	<b>3.2200e-003</b>	<b>0.0702</b>	<b>0.0000</b>	<b>406.9546</b>	<b>406.9546</b>	<b>0.0273</b>	<b>0.0000</b>	<b>407.6376</b>

**3.5 Paving - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0226	0.2281	0.2989	4.7000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	41.0565	41.0565	0.0133	0.0000	41.3885
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0237</b>	<b>0.2281</b>	<b>0.2989</b>	<b>4.7000e-004</b>		<b>0.0116</b>	<b>0.0116</b>		<b>0.0107</b>	<b>0.0107</b>	<b>0.0000</b>	<b>41.0565</b>	<b>41.0565</b>	<b>0.0133</b>	<b>0.0000</b>	<b>41.3885</b>

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**3.5 Paving - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	2.4300e-003	2.0000e-005	2.4500e-003	6.5000e-004	2.0000e-005	6.6000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.9600e-003</b>	<b>2.0000e-005</b>	<b>2.4300e-003</b>	<b>2.0000e-005</b>	<b>2.4500e-003</b>	<b>6.5000e-004</b>	<b>2.0000e-005</b>	<b>6.6000e-004</b>	<b>0.0000</b>	<b>2.1442</b>	<b>2.1442</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.1452</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.7500e-003	0.0249	0.3546	4.7000e-004		7.7000e-004	7.7000e-004		7.7000e-004	7.7000e-004	0.0000	41.0564	41.0564	0.0133	0.0000	41.3884
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>6.8800e-003</b>	<b>0.0249</b>	<b>0.3546</b>	<b>4.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>		<b>7.7000e-004</b>	<b>7.7000e-004</b>	<b>0.0000</b>	<b>41.0564</b>	<b>41.0564</b>	<b>0.0133</b>	<b>0.0000</b>	<b>41.3884</b>

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**3.5 Paving - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	5.1000e-004	5.9600e-003	2.0000e-005	1.9100e-003	2.0000e-005	1.9200e-003	5.2000e-004	2.0000e-005	5.3000e-004	0.0000	2.1442	2.1442	4.0000e-005	0.0000	2.1452
<b>Total</b>	<b>8.3000e-004</b>	<b>5.1000e-004</b>	<b>5.9600e-003</b>	<b>2.0000e-005</b>	<b>1.9100e-003</b>	<b>2.0000e-005</b>	<b>1.9200e-003</b>	<b>5.2000e-004</b>	<b>2.0000e-005</b>	<b>5.3000e-004</b>	<b>0.0000</b>	<b>2.1442</b>	<b>2.1442</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>2.1452</b>

**3.6 Architectural Coating - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0326	0.2275	0.2708	4.4000e-004		0.0140	0.0140		0.0140	0.0140	0.0000	38.0435	38.0435	2.6100e-003	0.0000	38.1088
<b>Total</b>	<b>2.2714</b>	<b>0.2275</b>	<b>0.2708</b>	<b>4.4000e-004</b>		<b>0.0140</b>	<b>0.0140</b>		<b>0.0140</b>	<b>0.0140</b>	<b>0.0000</b>	<b>38.0435</b>	<b>38.0435</b>	<b>2.6100e-003</b>	<b>0.0000</b>	<b>38.1088</b>

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**3.6 Architectural Coating - 2021**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0322	0.0206	0.2354	9.1000e-004	0.0895	6.8000e-004	0.0902	0.0238	6.2000e-004	0.0244	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
<b>Total</b>	<b>0.0322</b>	<b>0.0206</b>	<b>0.2354</b>	<b>9.1000e-004</b>	<b>0.0895</b>	<b>6.8000e-004</b>	<b>0.0902</b>	<b>0.0238</b>	<b>6.2000e-004</b>	<b>0.0244</b>	<b>0.0000</b>	<b>82.0054</b>	<b>82.0054</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>82.0474</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.2388					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.4300e-003	0.0192	0.2730	4.4000e-004		5.9000e-004	5.9000e-004		5.9000e-004	5.9000e-004	0.0000	38.0434	38.0434	2.6100e-003	0.0000	38.1087
<b>Total</b>	<b>2.2433</b>	<b>0.0192</b>	<b>0.2730</b>	<b>4.4000e-004</b>		<b>5.9000e-004</b>	<b>5.9000e-004</b>		<b>5.9000e-004</b>	<b>5.9000e-004</b>	<b>0.0000</b>	<b>38.0434</b>	<b>38.0434</b>	<b>2.6100e-003</b>	<b>0.0000</b>	<b>38.1087</b>

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**3.6 Architectural Coating - 2021**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0322	0.0206	0.2354	9.1000e-004	0.0702	6.8000e-004	0.0708	0.0191	6.2000e-004	0.0197	0.0000	82.0054	82.0054	1.6800e-003	0.0000	82.0474
<b>Total</b>	<b>0.0322</b>	<b>0.0206</b>	<b>0.2354</b>	<b>9.1000e-004</b>	<b>0.0702</b>	<b>6.8000e-004</b>	<b>0.0708</b>	<b>0.0191</b>	<b>6.2000e-004</b>	<b>0.0197</b>	<b>0.0000</b>	<b>82.0054</b>	<b>82.0054</b>	<b>1.6800e-003</b>	<b>0.0000</b>	<b>82.0474</b>

**3.6 Architectural Coating - 2022**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
<b>Total</b>	<b>1.9799</b>	<b>0.1831</b>	<b>0.2358</b>	<b>3.9000e-004</b>		<b>0.0106</b>	<b>0.0106</b>		<b>0.0106</b>	<b>0.0106</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>33.2463</b>



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**3.6 Architectural Coating - 2022**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0162	0.1914	7.6000e-004	0.0781	5.8000e-004	0.0787	0.0208	5.4000e-004	0.0213	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
<b>Total</b>	<b>0.0265</b>	<b>0.0162</b>	<b>0.1914</b>	<b>7.6000e-004</b>	<b>0.0781</b>	<b>5.8000e-004</b>	<b>0.0787</b>	<b>0.0208</b>	<b>5.4000e-004</b>	<b>0.0213</b>	<b>0.0000</b>	<b>68.8918</b>	<b>68.8918</b>	<b>1.3300e-003</b>	<b>0.0000</b>	<b>68.9250</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.9533					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8600e-003	0.0167	0.2382	3.9000e-004		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
<b>Total</b>	<b>1.9572</b>	<b>0.0167</b>	<b>0.2382</b>	<b>3.9000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>		<b>5.2000e-004</b>	<b>5.2000e-004</b>	<b>0.0000</b>	<b>33.1923</b>	<b>33.1923</b>	<b>2.1600e-003</b>	<b>0.0000</b>	<b>33.2463</b>

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**3.6 Architectural Coating - 2022**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0265	0.0162	0.1914	7.6000e-004	0.0612	5.8000e-004	0.0618	0.0166	5.4000e-004	0.0172	0.0000	68.8918	68.8918	1.3300e-003	0.0000	68.9250
<b>Total</b>	<b>0.0265</b>	<b>0.0162</b>	<b>0.1914</b>	<b>7.6000e-004</b>	<b>0.0612</b>	<b>5.8000e-004</b>	<b>0.0618</b>	<b>0.0166</b>	<b>5.4000e-004</b>	<b>0.0172</b>	<b>0.0000</b>	<b>68.8918</b>	<b>68.8918</b>	<b>1.3300e-003</b>	<b>0.0000</b>	<b>68.9250</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043
Unmitigated	0.6906	2.3006	5.6740	0.0163	1.3859	0.0188	1.4046	0.3733	0.0175	0.3908	0.0000	1,500.4746	1,500.4746	0.0732	0.0000	1,502.3043

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	13.11	13.11	13.11	1,945	1,945
Condo/Townhouse High Rise	1,709.40	1,709.40	1,709.40	3,547,130	3,547,130
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Regional Shopping Center	2,318.79	2,318.79	2,318.79	157,582	157,582
<b>Total</b>	<b>4,041.30</b>	<b>4,041.30</b>	<b>4,041.30</b>	<b>3,706,657</b>	<b>3,706,657</b>

4.3 Trip Type Information

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	0.55	0.55	0.55	33.00	48.00	19.00	66	28	6
Condo/Townhouse High Rise	6.42	6.42	6.42	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Regional Shopping Center	0.28	0.28	0.28	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Condo/Townhouse High Rise	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Enclosed Parking with Elevator	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Other Asphalt Surfaces	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Other Non-Asphalt Surfaces	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505
Regional Shopping Center	0.605107	0.038687	0.192108	0.089453	0.014064	0.005036	0.030434	0.009181	0.004309	0.003768	0.006404	0.000941	0.000505

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	948.0751	948.0751	0.0429	8.8700e-003	951.7899
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	948.0751	948.0751	0.0429	8.8700e-003	951.7899
NaturalGas Mitigated	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0507	278.0507	5.3300e-003	5.1000e-003	279.7031
NaturalGas Unmitigated	0.0281	0.2405	0.1050	1.5300e-003		0.0194	0.0194		0.0194	0.0194	0.0000	278.0507	278.0507	5.3300e-003	5.1000e-003	279.7031

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**5.2 Energy by Land Use - Natural Gas**

**Unmitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	131300	7.1000e-004	6.4400e-003	5.4100e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	7.0067	7.0067	1.3000e-004	1.3000e-004	7.0483
<b>Total</b>		<b>0.0281</b>	<b>0.2405</b>	<b>0.1050</b>	<b>1.5300e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>278.0507</b>	<b>278.0507</b>	<b>5.3300e-003</b>	<b>5.1000e-003</b>	<b>279.7031</b>

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**5.2 Energy by Land Use - NaturalGas**

**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Land Use	kBTU/yr	tons/yr										MT/yr						
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	5.07917e+006	0.0274	0.2340	0.0996	1.4900e-003		0.0189	0.0189		0.0189	0.0189	0.0000	271.0440	271.0440	5.2000e-003	4.9700e-003	272.6547	
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	131300	7.1000e-004	6.4400e-003	5.4100e-003	4.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	7.0067	7.0067	1.3000e-004	1.3000e-004	7.0483	
<b>Total</b>		<b>0.0281</b>	<b>0.2405</b>	<b>0.1050</b>	<b>1.5300e-003</b>		<b>0.0194</b>	<b>0.0194</b>		<b>0.0194</b>	<b>0.0194</b>	<b>0.0000</b>	<b>278.0507</b>	<b>278.0507</b>	<b>5.3300e-003</b>	<b>5.1000e-003</b>	<b>279.7031</b>	

## IB-BUILD Flats and Earl Construction &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	831817	241.9851	0.0109	2.2600e-003	242.9333
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	304378	88.5471	4.0000e-003	8.3000e-004	88.8941
<b>Total</b>		<b>948.0751</b>	<b>0.0429</b>	<b>8.8700e-003</b>	<b>951.7899</b>



## IB-BUILD Flats and Earl Construction &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse High Rise	2.12279e+006	617.5429	0.0279	5.7800e-003	619.9626
Enclosed Parking with Elevator	831817	241.9851	0.0109	2.2600e-003	242.9333
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	304378	88.5471	4.0000e-003	8.3000e-004	88.8941
<b>Total</b>		<b>948.0751</b>	<b>0.0429</b>	<b>8.8700e-003</b>	<b>951.7899</b>

**6.0 Area Detail****6.1 Mitigation Measures Area**

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840
Unmitigated	3.8915	0.0616	4.7103	2.9800e-003		0.2199	0.2199		0.2199	0.2199	20.2418	13.7036	33.9454	0.0377	1.3300e-003	35.2840

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4192					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3483					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0995	0.0380	3.2996	1.7000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.3893	5.3893	5.1900e-003	0.0000	5.5190
<b>Total</b>	<b>3.8915</b>	<b>0.0616</b>	<b>4.7103</b>	<b>2.9800e-003</b>		<b>0.2199</b>	<b>0.2199</b>		<b>0.2199</b>	<b>0.2199</b>	<b>20.2418</b>	<b>13.7036</b>	<b>33.9454</b>	<b>0.0377</b>	<b>1.3300e-003</b>	<b>35.2840</b>

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4192					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3483					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.0245	0.0236	1.4107	2.8100e-003		0.2017	0.2017		0.2017	0.2017	20.2418	8.3143	28.5561	0.0325	1.3300e-003	29.7650
Landscaping	0.0995	0.0380	3.2996	1.7000e-004		0.0183	0.0183		0.0183	0.0183	0.0000	5.3893	5.3893	5.1900e-003	0.0000	5.5190
<b>Total</b>	<b>3.8915</b>	<b>0.0616</b>	<b>4.7103</b>	<b>2.9800e-003</b>		<b>0.2199</b>	<b>0.2199</b>		<b>0.2199</b>	<b>0.2199</b>	<b>20.2418</b>	<b>13.7036</b>	<b>33.9454</b>	<b>0.0377</b>	<b>1.3300e-003</b>	<b>35.2840</b>

**7.0 Water Detail**

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**7.1 Mitigation Measures Water**

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	79.7558	1.0144	0.0245	112.4258
Unmitigated	79.7558	1.0144	0.0245	112.4258

## IB-BUILD Flats and Earl Construction &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

**7.2 Water by Land Use****Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.10514 / 1.29025	5.2953	0.0688	1.6600e-003	7.5110
<b>Total</b>		<b>79.7558</b>	<b>1.0144</b>	<b>0.0245</b>	<b>112.4258</b>

## IB-BUILD Flats and Earl Construction &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 1.15574	1.1768	5.0000e-005	1.0000e-005	1.1814
Condo/Townhouse High Rise	28.9284 / 18.2375	73.2837	0.9455	0.0229	103.7334
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	2.10514 / 1.29025	5.2953	0.0688	1.6600e-003	7.5110
<b>Total</b>		<b>79.7558</b>	<b>1.0144</b>	<b>0.0245</b>	<b>112.4258</b>

**8.0 Waste Detail****8.1 Mitigation Measures Waste**

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	47.5324	2.8091	0.0000	117.7594
Unmitigated	47.5324	2.8091	0.0000	117.7594

## IB-BUILD Flats and Earl Construction &lt;COMM'L VARIANT&gt; - San Francisco County, Annual

**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.84	6.0573	0.3580	0.0000	15.0066
<b>Total</b>		<b>47.5324</b>	<b>2.8091</b>	<b>0.0000</b>	<b>117.7594</b>



IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

**8.2 Waste by Land Use**

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.08	0.0162	9.6000e-004	0.0000	0.0402
Condo/Townhouse High Rise	204.24	41.4589	2.4502	0.0000	102.7126
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	29.84	6.0573	0.3580	0.0000	15.0066
<b>Total</b>		<b>47.5324</b>	<b>2.8091</b>	<b>0.0000</b>	<b>117.7594</b>

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

IB-BUILD Flats and Earl Construction <COMM'L VARIANT> - San Francisco County, Annual

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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BUILD Grading and Excavation

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2018/06/01	2018/08/30	6	78
Grading	Grading	2018/08/31	2019/02/28	6	156

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	Offroad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	144	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	20	0	68198						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2018/11/01	2019/01/04	6	56
Building Construction	Building Construction	2019/01/05	2020/11/19	6	587
Architectural Coating	Architectural Coating	2019/01/05	2021/01/30	6	649
Paving	Paving	2020/11/20	2020/12/26	6	32

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	Offroad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	20	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	896	220	0						
Paving	15	0	0						
Architectural Coating	179	0	0						

BUILD Hamman, Hillside Cove - Commercial Variant

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2018/11/01	2019/01/05	6	57
Building Construction	Building Construction	2019/01/06	2020/11/03	6	572
Architectural Coating	Architectural Coating	2019/01/06	2021/01/30	6	648
Paving	Paving	2020/11/04	2020/12/01	6	24

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	20	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	613	266	0						
Paving	15	0	0						
Architectural Coating	123	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2020/07/01	2020/07/08	6	7
Building Construction	Building Construction	2020/07/09	2021/03/19	6	218
Paving	Paving	2021/03/20	2021/04/09	6	18
Architectural Coating	Architectural Coating	2021/04/10	2021/04/30	6	18

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Cement and Mortar Mixers	2	6	9	0.56
	Pavers	1	8	130	0.42
	Paving Equipment	2	6	132	0.36
	Rollers	2	6	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	0	0						
Paving	20	0	0						
Architectural Coating	5	0	0						

BUILD Shoreline Wetlands

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2020/10/01	2020/10/26	6	22
Building Construction	Building Construction	2020/10/27	2021/08/12	6	249
Paving	Paving	2021/08/13	2021/09/07	6	22
Architectural Coating	Architectural Coating	2021/09/08	2021/09/30	6	20

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	0	0						
Paving	15	0	0						
Architectural Coating	5	0	0						



Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2019/01/01	2019/05/31	6	130
Grading	Grading	2019/06/01	2019/06/06	6	5
Building Construction	Building Construction	2019/06/07	2019/12/03	6	154
Paving	Paving	2019/12/04	2019/12/17	6	12
Architectural Coating	Architectural Coating	2019/12/18	2019/12/31	6	12

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Architectural Coating	Air Compressors	1	6	78	0.48
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Paving	Cement and Mortar Mixers	2	6	9	0.56
	Pavers	1	8	130	0.42
	Paving Equipment	2	6	132	0.36
	Rollers	2	6	80	0.38
	Tractors/Loaders/Backhoes	1	8	97	0.37

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	5	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	23	1	0						
Demolition	15	0	28						
Grading	15	0	477						
Paving	20	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/01/01	2020/01/18	6	16
Grading	Grading	2020/01/19	2020/02/15	6	24
Building Construction	Building Construction	2020/02/16	2020/11/23	6	241
Paving	Paving	2020/11/24	2020/12/11	6	16
Architectural Coating	Architectural Coating	2020/12/12	2020/12/31	6	17

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	2	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Scrapers	2	8	367	0.48
	Tractors/Loaders/Backhoes	2	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	20	0	6863						
Building Construction	23	1	0						
Paving	15	0	0						
Architectural Coating	5	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/11/01	2020/12/01	6	26
Grading	Grading	2020/12/02	2021/01/18	6	41
Building Construction	Building Construction	2021/01/19	2022/07/26	6	475
Architectural Coating	Architectural Coating	2021/01/19	2022/10/31	6	558
Paving	Paving	2022/07/27	2022/09/12	6	41

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	15	0	0						
Building Construction	378	71	0						
Paving	15	0	0						
Architectural Coating	76	0	0						

BUILD Flats and Earl - Commercial Variant

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Demolition	Demolition	2020/11/01	2020/12/01	6	26
Grading	Grading	2020/12/02	2021/01/18	6	41
Building Construction	Building Construction	2021/01/19	2022/07/26	6	475
Architectural Coating	Architectural Coating	2021/01/19	2022/10/31	6	558
Paving	Paving	2022/07/27	2022/09/12	6	41

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	1	8	81	0.73
	Excavators	3	8	158	0.38
	Rubber Tired Dozers	2	8	247	0.4
Grading	Excavators	1	8	158	0.38
	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	3	8	97	0.37
Building Construction	Cranes	1	7	231	0.29
	Forklifts	3	8	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	3	7	97	0.37
	Welders	1	8	46	0.45
Paving	Pavers	2	8	130	0.42
	Paving Equipment	2	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	15	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Grading	15	0	0						
Building Construction	381	72	0						
Paving	15	0	0						
Architectural Coating	76	0	0						

Schedule					
Subphase Name	Phase Type	Phase Start Date	Phase End Date	Days per Week	Number of Days
Grading	Grading	2021/11/01	2021/11/26	6	23
Building Construction	Building Construction	2021/11/27	2022/10/03	6	266
Paving	Paving	2022/10/04	2022/10/17	6	12
Architectural Coating	Architectural Coating	2022/10/18	2022/10/31	6	12

Construction Offroad Equipment					
Subphase	Offroad Equipment Type	OffRoad Equipment Unit Amount	Usage Hours	Horsepower	Load Factor
Grading	Graders	1	8	187	0.41
	Rubber Tired Dozers	1	8	247	0.4
	Tractors/Loaders/Backhoes	2	7	97	0.37
Building Construction	Cranes	1	8	231	0.29
	Forklifts	2	7	89	0.2
	Generator Sets	1	8	84	0.74
	Tractors/Loaders/Backhoes	1	6	97	0.37
Paving	Welders	3	8	46	0.45
	Cement and Mortar Mixers	1	8	9	0.56
	Pavers	1	8	130	0.42
	Paving Equipment	1	8	132	0.36
	Rollers	2	8	80	0.38
Architectural Coating	Tractors/Loaders/Backhoes	1	8	97	0.37
	Air Compressors	1	6	78	0.48

Construction Trips Data									
Subphase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Grading	10	0	0	10.8	7.3	20	Light Duty Mix	Heavy Duty Truck Mix	Heavy-Heavy Duty Truck
Building Construction	20	0	0						
Paving	15	0	0						
Architectural Coating	4	0	0						