
Appendix A:

Air Quality, Greenhouse Gas Emissions, and Energy Supporting Information

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Appendix A: Air Quality, Greenhouse Gas Emissions, and Energy Supporting Information

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1000 Gibraltar Warehouse Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	1000 Gibraltar Warehouse
Construction Start Date	9/1/2025
Operational Year	2026
Lead Agency	City of Milpitas
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.00
Precipitation (days)	31.0
Location	37.419106378943, -121.89216244474264
County	Santa Clara
City	Milpitas
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1999
EDFZ	1
Electric Utility	Silicon Valley Clean Energy
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
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Unrefrigerated Warehouse-Rail	484	1000sqft	14.6	484,284	146,661	57,230	—	Unrefrigerated portion of warehouse, includes lot acreage of the entire warehouse, and total landscaping, and total bioretention
Refrigerated Warehouse-Rail	3.28	1000sqft	0.00	3,280	0.00	0.00	—	Refrigerated portion of warehouse
Parking Lot	12.2	Acre	12.2	0.00	0.00	0.00	—	All hardscape
User Defined Industrial	488	User Defined Unit	0.00	0.00	0.00	0.00	—	Dummy land use for passenger trips

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.99	1.92	39.2	27.8	0.16	0.86	22.2	23.1	0.70	4.04	4.74	—	23,479	23,479	1.87	3.35	46.6	24,571
2026	1.78	1.48	9.48	16.1	0.03	0.27	2.26	2.52	0.25	0.55	0.80	—	5,004	5,004	0.20	0.39	11.4	5,135
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.96	2.53	40.6	27.8	0.16	1.04	22.2	23.1	0.96	4.04	4.74	—	23,474	23,474	1.86	3.36	1.21	24,523
2026	350	350	9.77	15.0	0.04	0.27	2.26	2.52	0.25	0.55	0.80	—	5,498	5,498	0.41	0.78	0.30	5,740

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.66	0.43	5.46	5.14	0.02	0.15	2.20	2.35	0.13	0.45	0.58	—	2,723	2,723	0.19	0.33	2.32	2,829
2026	15.5	15.3	6.13	9.28	0.02	0.17	1.34	1.51	0.15	0.33	0.48	—	3,068	3,068	0.13	0.25	3.03	3,148
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.12	0.08	1.00	0.94	< 0.005	0.03	0.40	0.43	0.02	0.08	0.11	—	451	451	0.03	0.05	0.38	468
2026	2.83	2.79	1.12	1.69	< 0.005	0.03	0.25	0.28	0.03	0.06	0.09	—	508	508	0.02	0.04	0.50	521

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.8	11.5	13.5	136	0.34	0.23	29.8	30.0	0.21	7.55	7.76	—	34,362	34,362	1.27	1.56	117	34,977
Area	15.7	15.4	0.18	21.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	87.2	87.2	< 0.005	< 0.005	—	87.5
Energy	0.08	0.04	0.69	0.58	< 0.005	0.05	—	0.05	0.05	—	0.05	—	852	852	0.07	< 0.005	—	854
Water	—	—	—	—	—	—	—	—	—	—	—	216	4.75	221	22.2	0.53	—	932
Waste	—	—	—	—	—	—	—	—	—	—	—	247	0.00	247	24.7	0.00	—	864
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.4	87.4
Stationary	0.08	0.17	0.16	1.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	294	294	0.01	< 0.005	0.00	295
User-Defined	0.20	0.17	1.03	0.16	< 0.005	0.03	—	0.03	1.02	—	1.02	—	235	235	—	—	—	235
Total	28.8	27.3	15.5	160	0.35	0.35	29.8	30.1	1.32	7.55	8.87	463	35,835	36,298	48.2	2.09	205	38,332
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.3	11.0	15.9	119	0.31	0.23	29.8	30.0	0.21	7.55	7.76	—	32,221	32,221	1.41	1.70	3.04	32,766
Area	11.9	11.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.08	0.04	0.69	0.58	< 0.005	0.05	—	0.05	0.05	—	0.05	—	852	852	0.07	< 0.005	— ⁸	854

Water	—	—	—	—	—	—	—	—	—	—	—	216	4.75	221	22.2	0.53	—	932
Waste	—	—	—	—	—	—	—	—	—	—	—	247	0.00	247	24.7	0.00	—	864
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.4	87.4
Stationary	0.08	0.17	0.16	1.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	294	294	0.01	< 0.005	0.00	295
User-Defined	0.20	0.17	1.03	0.16	< 0.005	0.03	—	0.03	1.02	—	1.02	—	235	235	—	—	—	235
Total	24.6	23.3	17.7	121	0.32	0.31	29.8	30.1	1.30	7.55	8.84	463	33,607	34,070	48.3	2.23	90.5	36,033
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	12.1	10.9	14.9	117	0.32	0.23	29.2	29.4	0.21	7.40	7.61	—	32,516	32,516	1.35	1.64	50.6	33,090
Area	13.8	13.6	0.09	10.5	< 0.005	0.02	—	0.02	0.01	—	0.01	—	43.0	43.0	< 0.005	< 0.005	—	43.2
Energy	0.08	0.04	0.69	0.58	< 0.005	0.05	—	0.05	0.05	—	0.05	—	852	852	0.07	< 0.005	—	854
Water	—	—	—	—	—	—	—	—	—	—	—	216	4.75	221	22.2	0.53	—	932
Waste	—	—	—	—	—	—	—	—	—	—	—	247	0.00	247	24.7	0.00	—	864
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.4	87.4
Stationary	0.01	0.01	0.01	0.10	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	20.1	20.1	< 0.005	< 0.005	0.00	20.2
User-Defined	0.20	0.17	1.03	0.16	< 0.005	0.03	—	0.03	0.02	—	0.02	—	235	235	—	—	—	235
Total	26.2	24.7	16.7	128	0.32	0.32	29.2	29.5	0.30	7.40	7.70	463	33,671	34,134	48.3	2.17	138	36,126
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.22	1.98	2.72	21.3	0.06	0.04	5.33	5.37	0.04	1.35	1.39	—	5,383	5,383	0.22	0.27	8.39	5,478
Area	2.51	2.49	0.02	1.91	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.12	7.12	< 0.005	< 0.005	—	7.15
Energy	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	141	141	0.01	< 0.005	—	141
Water	—	—	—	—	—	—	—	—	—	—	—	35.8	0.79	36.6	3.67	0.09	—	154
Waste	—	—	—	—	—	—	—	—	—	—	—	40.9	0.00	40.9	4.09	0.00	—	143
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.5	14.5
Stationary	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	3.33	3.33	< 0.005	< 0.005	0.00	3.34

User-Defined	0.04	0.03	0.19	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	38.9	38.9	—	—	—	38.9
Total	4.78	4.51	3.05	23.4	0.06	0.06	5.33	5.39	0.05	1.35	1.41	76.7	5,575	5,651	7.99	0.36	22.9	5,981

3. Construction Emissions Details

3.1. Demolition (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.68	1.40	12.8	14.1	0.02	0.47	—	0.47	0.44	—	0.44	—	2,193	2,193	0.09	0.02	—	2,200
Demolition	—	—	—	—	—	—	16.6	16.6	—	2.51	2.51	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.68	1.40	12.8	14.1	0.02	0.47	—	0.47	0.44	—	0.44	—	2,193	2,193	0.09	0.02	—	2,200
Demolition	—	—	—	—	—	—	16.6	16.6	—	2.51	2.51	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Appendix A																		

Off-Road Equipment	0.14	0.12	1.05	1.16	< 0.005	0.04	—	0.04	0.04	—	0.04	—	180	180	0.01	< 0.005	—	181
Demolition	—	—	—	—	—	—	1.36	1.36	—	0.21	0.21	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.19	0.21	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.8	29.8	< 0.005	< 0.005	—	29.9
Demolition	—	—	—	—	—	—	0.25	0.25	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.05	0.82	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	171	171	< 0.005	0.01	0.68	174
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.24	0.45	26.4	12.9	0.14	0.39	5.47	5.86	0.26	1.50	1.76	—	21,115	21,115	1.77	3.33	45.9	22,196
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.70	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	159	159	< 0.005	0.01	0.02	161
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	2.22	0.43	27.8	13.0	0.14	0.39	5.47	5.86	0.26	1.50	1.76	—	21,123	21,123	1.77	3.33	1.19	22,162
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.2	13.2	< 0.005	< 0.005	0.02	13.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.18	0.04	2.24	1.06	0.01	0.03	0.44	0.47	0.02	0.12	0.14	—	1,736	1,736	0.15	0.27	1.63	1,822

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.18	2.18	< 0.005	< 0.005	< 0.005	2.22
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.03	0.01	0.41	0.19	< 0.005	0.01	0.08	0.09	< 0.005	0.02	0.03	—	287	287	0.02	0.05	0.27	302

3.3. Site Preparation (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.93	2.46	23.0	21.7	0.03	1.04	—	1.04	0.96	—	0.96	—	3,785	3,785	0.15	0.03	—	3,798
Dust From Material Movement	—	—	—	—	—	—	5.29	5.29	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.1	31.1	< 0.005	< 0.005	—	31.2
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.15	5.15	< 0.005	< 0.005	—	5.17
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.70	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	159	159	< 0.005	0.01	0.02	161
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.32	1.32	< 0.005	< 0.005	< 0.005	1.34
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.22
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.28	1.91	17.1	20.6	0.03	0.78	—	0.78	0.72	—	0.72	—	3,223	3,223	0.13	0.03	—	3,234
Dust From Material Movement	—	—	—	—	—	—	1.69	1.69	—	0.67	0.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.84	1.02	< 0.005	0.04	—	0.04	0.04	—	0.04	—	159	159	0.01	< 0.005	—	159
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.02	0.15	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	26.3	26.3	< 0.005	< 0.005	—	26.4
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.09	0.08	0.96	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	218	218	0.01	0.01	0.02	221
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.20	0.04	2.56	1.20	0.01	0.04	0.50	0.54	0.02	0.14	0.16	—	1,950	1,950	0.16	0.31	0.11	2,046
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	0.02	11.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.12	0.06	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	96.2	96.2	0.01	0.02	0.09	101
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.80	1.80	< 0.005	< 0.005	< 0.005	1.83
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	15.9	15.9	< 0.005	< 0.005	0.01	16.7

3.7. Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.96	0.80	6.65	7.08	0.01	0.26	—	0.26	0.24	—	0.24	—	1,163	1,163	0.05	0.01	—	1,167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.66	0.71	< 0.005	0.03	—	0.03	0.02	—	0.02	—	116	116	< 0.005	< 0.005	—	117
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.12	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.2	19.2	< 0.005	< 0.005	—	19.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.67	0.66	0.63	7.17	0.00	0.00	1.69	1.69	0.00	0.40	0.40	—	1,626	1,626	0.04	0.07	0.18	1,648
Vendor	0.20	0.08	2.91	1.36	0.01	0.03	0.56	0.59	0.03	0.16	0.19	—	2,157	2,157	0.12	0.31	0.15	2,253
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.71	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	164	164	< 0.005	0.01	0.30	166
Vendor	0.02	0.01	0.29	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	215	215	0.01	0.03	0.25	225
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.2	27.2	< 0.005	< 0.005	0.05	27.5
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	35.6	35.6	< 0.005	0.01	0.04	37.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.92	0.77	6.42	7.05	0.01	0.24	—	0.24	0.22	—	0.22	—	1,163	1,163	0.05	0.01	—	1,167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm ent	0.92	0.77	6.42	7.05	0.01	0.24	—	0.24	0.22	—	0.22	—	1,163	1,163	0.05	0.01	—	1,167
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.54	0.45	3.76	4.12	0.01	0.14	—	0.14	0.13	—	0.13	—	681	681	0.03	0.01	—	683
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipm ent	0.10	0.08	0.69	0.75	< 0.005	0.03	—	0.03	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.66	0.65	0.43	7.81	0.00	0.00	1.69	1.69	0.00	0.40	0.40	—	1,722	1,722	0.03	0.07	6.28	1,749
Vendor	0.20	0.06	2.63	1.29	0.01	0.03	0.56	0.59	0.03	0.16	0.19	—	2,119	2,119	0.12	0.31	5.16	2,219
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.64	0.57	0.57	6.66	0.00	0.00	1.69	1.69	0.00	0.40	0.40	—	1,595	1,595	0.04	0.07	0.16	1,617
Vendor	0.20	0.06	2.78	1.31	0.01	0.03	0.56	0.59	0.03	0.16	0.19	—	2,120	2,120	0.12	0.31	0.13	2,215
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.37	0.33	0.29	3.85	0.00	0.00	0.97	0.97	0.00	0.23	0.23	—	944	944	0.02	0.04	1.59	957
Vendor	0.12	0.04	1.59	0.76	0.01	0.02	0.32	0.34	0.02	0.09	0.11	—	1,240	1,240	0.07	0.18	1.30	1,297
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	0.70	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	156	156	< 0.005	0.01	0.26	158
Vendor	0.02	0.01	0.29	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	205	205	0.01	0.03	0.22	215
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40	0.33	3.13	4.37	0.01	0.14	—	0.14	0.13	—	0.13	—	665	665	0.03	0.01	—	667
Paving	3.19	3.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.2	18.2	< 0.005	< 0.005	—	18.3
Appendix A																		19

Paving	0.09	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.01	3.01	< 0.005	< 0.005	—	3.03
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	58.4	58.4	< 0.005	< 0.005	0.01	59.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.48	0.10	6.19	2.91	0.03	0.06	1.26	1.32	0.06	0.35	0.41	—	4,775	4,775	0.38	0.77	0.26	5,013
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.62	1.62	< 0.005	< 0.005	< 0.005	1.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.17	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	131	131	0.01	0.02	0.12	137
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.27	0.27	< 0.005	< 0.005	< 0.005	0.27
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.02	22.8

3.13. Architectural Coating (2026) - Unmitigated

Appendix A

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.60	5.59	6.85	0.01	0.11	—	0.11	0.10	—	0.10	—	977	977	0.04	0.01	—	980
Architectural Coatings	349	349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.23	0.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.1	40.1	< 0.005	< 0.005	—	40.3
Architectural Coatings	14.3	14.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.65	6.65	< 0.005	< 0.005	—	6.67

Architectural	2.62	2.62	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.11	0.11	1.33	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	319	319	0.01	0.01	0.03	323
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.3	13.3	< 0.005	< 0.005	0.02	13.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.19	2.19	< 0.005	< 0.005	< 0.005	2.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-Rail	0.41	0.07	5.08	2.38	0.04	0.07	1.20	1.27	0.07	0.32	0.39	—	4,507	4,507	0.34	0.72	9.54	4,739
Refriger ated Wareho use-Rail	0.05	0.01	0.56	0.26	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	499	499	0.04	0.08	1.06	524
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	12.3	11.4	7.81	134	0.29	0.15	28.5	28.6	0.13	7.19	7.32	—	29,357	29,357	0.89	0.76	107	29,713
Total	12.8	11.5	13.5	136	0.34	0.23	29.8	30.0	0.21	7.55	7.76	—	34,362	34,362	1.27	1.56	117	34,977
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-Rail	0.41	0.06	5.36	2.39	0.04	0.07	1.20	1.27	0.07	0.32	0.39	—	4,508	4,508	0.34	0.72	0.25	4,731
Refriger ated Wareho use-Rail	0.05	0.01	0.59	0.26	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	499	499	0.04	0.08	0.03	524
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	11.8	10.9	9.91	116	0.27	0.15	28.5	28.6	0.13	7.19	7.32	—	27,215	27,215	1.04	0.90	2.77	27,511
Total	12.3	11.0	15.9	119	0.31	0.23	29.8	30.0	0.21	7.55	7.76	—	32,221	32,221	1.41	1.70	3.04	32,766
Annual	—	Appendix A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	23	—

Unrefrig Warehouse-Rail	0.08	0.01	0.96	0.44	0.01	0.01	0.22	0.23	0.01	0.06	0.07	—	746	746	0.06	0.12	0.68	784
Refrigerated Warehouse-Rail	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	82.6	82.6	0.01	0.01	0.08	86.7
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	2.13	1.97	1.65	20.8	0.05	0.03	5.09	5.12	0.02	1.29	1.31	—	4,555	4,555	0.16	0.14	7.63	4,608
Total	2.22	1.98	2.72	21.3	0.06	0.04	5.33	5.37	0.04	1.35	1.39	—	5,383	5,383	0.22	0.27	8.39	5,478

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	31.1	31.1	0.00	0.00	—	31.1
Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.49	0.49	0.00	0.00	—	0.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.98	2.98	0.00	0.00	—	2.98
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	34.6	34.6	0.00	0.00	—	34.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse use-Rail	—	—	—	—	—	—	—	—	—	—	—	—	31.1	31.1	0.00	0.00	—	31.1
Refrigerated Warehouse use-Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.49	0.49	0.00	0.00	—	0.49
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	2.98	2.98	0.00	0.00	—	2.98
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	34.6	34.6	0.00	0.00	—	34.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse use-Rail	—	—	—	—	—	—	—	—	—	—	—	—	5.15	5.15	0.00	0.00	—	5.15
Refrigerated Warehouse use-Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.08	0.08	0.00	0.00	—	0.08
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.49	0.49	0.00	0.00	—	0.49
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	5.72	5.72	0.00	0.00	—	5.72

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-Rail	0.08	0.04	0.68	0.57	< 0.005	0.05	—	0.05	0.05	—	0.05	—	815	815	0.07	< 0.005	—	818
Refriger ated Wareho use-Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.14	2.14	< 0.005	< 0.005	—	2.14
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.08	0.04	0.69	0.58	< 0.005	0.05	—	0.05	0.05	—	0.05	—	818	818	0.07	< 0.005	—	820
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-Rail	0.08	0.04	0.68	0.57	< 0.005	0.05	—	0.05	0.05	—	0.05	—	815	815	0.07	< 0.005	—	818
Refriger ated Wareho use-Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.14	2.14	< 0.005	< 0.005	—	2.14
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.08	0.04	0.69	0.58	< 0.005	0.05	—	0.05	0.05	—	0.05	—	818	818	0.07	< 0.005	—	820
Annual	—	Appendix A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrig Warehouse-Rail	0.01	0.01	0.12	0.10	< 0.005	0.01	—	0.01	0.01	—	0.01	—	135	135	0.01	< 0.005	—	135
Refrigerated Warehouse-Rail	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.35	0.35	< 0.005	< 0.005	—	0.35
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	0.01	0.13	0.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	135	135	0.01	< 0.005	—	136

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	10.5	10.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.43	1.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.77	3.48	0.18	21.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	87.2	87.2	< 0.005	< 0.005	—	87.5
Total	15.7	15.4	0.18	21.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	87.2	87.2	< 0.005	< 0.005	—	87.5

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	10.5	10.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.43	1.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	11.9	11.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.91	1.91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.26	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.34	0.31	0.02	1.91	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.12	7.12	< 0.005	< 0.005	—	7.15
Total	2.51	2.49	0.02	1.91	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.12	7.12	< 0.005	< 0.005	—	7.15

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

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

Unrefrig Warehouse	—	—	—	—	—	—	—	—	—	—	—	215	4.72	219	22.0	0.52	—	925
use-Rail	—	—	—	—	—	—	—	—	—	—	—	1.45	0.03	1.48	0.15	< 0.005	—	6.27
Refrigerated Warehouse	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
use-Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	216	4.75	221	22.2	0.53	—	932
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse	—	—	—	—	—	—	—	—	—	—	—	215	4.72	219	22.0	0.52	—	925
use-Rail	—	—	—	—	—	—	—	—	—	—	—	1.45	0.03	1.48	0.15	< 0.005	—	6.27
Refrigerated Warehouse	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
use-Rail	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	216	4.75	221	22.2	0.53	—	932
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse	—	—	—	—	—	—	—	—	—	—	—	35.5	0.78	36.3	3.64	0.09	—	153
use-Rail																		

Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	0.24	0.01	0.25	0.02	< 0.005	—	1.04
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	35.8	0.79	36.6	3.67	0.09	—	154

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	245	0.00	245	24.5	0.00	—	858
Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	1.66	0.00	1.66	0.17	0.00	—	5.81
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	247	0.00	247	24.7	0.00	—	864

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	245	0.00	245	24.5	0.00	—	858
Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	1.66	0.00	1.66	0.17	0.00	—	5.81
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	247	0.00	247	24.7	0.00	—	864
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	40.6	0.00	40.6	4.06	0.00	—	142
Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	0.28	0.00	0.28	0.03	0.00	—	0.96
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	40.9	0.00	40.9	4.09	0.00	—	143

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.4	87.4
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.4	87.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.4	87.4
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.4	87.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.5	14.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14.5	14.5

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.08	0.17	0.16	1.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	294	294	0.01	< 0.005	0.00	295
Total	0.08	0.17	0.16	1.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	294	294	0.01	< 0.005	0.00	295
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.08	0.17	0.16	1.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	294	294	0.01	< 0.005	0.00	295
Total	0.08	0.17	0.16	1.46	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	294	294	0.01	< 0.005	0.00	295
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	3.33	3.33	< 0.005	< 0.005	0.00	3.34

Total	< 0.005	< 0.005	< 0.005	0.02	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	3.33	3.33	< 0.005	< 0.005	0.00	3.34
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4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipm ent Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 TRUs (per Trip gen for cold storage)	0.20	0.17	1.03	0.16	< 0.005	0.03	—	0.03	1.02	—	1.02	—	235	235	—	—	—	235
Total	0.20	0.17	1.03	0.16	< 0.005	0.03	—	0.03	1.02	—	1.02	—	235	235	—	—	—	235
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 TRUs (per Trip gen for cold storage)	0.20	0.17	1.03	0.16	< 0.005	0.03	—	0.03	1.02	—	1.02	—	235	235	—	—	—	235
Total	0.20	0.17	1.03	0.16	< 0.005	0.03	—	0.03	1.02	—	1.02	—	235	235	—	—	—	235
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3 TRUs (per Trip gen for cold storage)	0.04	0.03	0.19	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	38.9	38.9	—	—	—	38.9
Total	0.04	0.03	0.19	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	38.9	38.9	—	—	—	38.9

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	9/1/2025	10/10/2025	5.00	30.0	—
Site Preparation	Site Preparation	10/13/2025	10/15/2025	5.00	3.00	—
Grading	Grading	10/16/2025	11/10/2025	5.00	18.0	—
Building Construction	Building Construction	11/11/2025	10/26/2026	5.00	250	—
Paving	Paving	10/27/2026	11/9/2026	5.00	10.0	—
Architectural Coating	Architectural Coating	11/10/2026	11/30/2026	5.00	15.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	4.00	5.30	33.0	0.73
Demolition	Excavators	Diesel	Average	1.00	7.04	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	5.28	367	0.40
Demolition	Tractors/Loaders/Back hoes	Diesel	Average	2.00	7.04	84.0	0.37
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	5.28	367	0.40
Site Preparation	Tractors/Loaders/Back hoes	Diesel	Average	2.00	5.83	84.0	0.37
Site Preparation	Graders	Diesel	Average	3.00	2.97	148	0.41
Grading	Excavators	Diesel	Average	2.00	5.28	36.0	0.38
Grading	Graders	Diesel	Average	3.00	6.27	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	3.74	367	0.40

Grading	Tractors/Loaders/Back hoes	Diesel	Average	3.00	7.59	84.0	0.37
Grading	Concrete/Industrial Saws	Diesel	Average	2.00	3.74	33.0	0.73
Building Construction	Cranes	Diesel	Average	1.00	1.32	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	6.05	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	4.00	6.05	14.0	0.74
Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	4.29	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	3.85	46.0	0.45
Paving	Pavers	Diesel	Average	1.00	7.04	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	7.04	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	7.04	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	3.00	8.00	37.0	0.48
Architectural Coating	Aerial Lifts	Diesel	Average	3.00	8.00	46.0	0.31

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	20.0	11.7	LDA,LDT1,LDT2
Demolition	Vendor	—	8.40	HHDT,MHDT
Demolition	Hauling	295	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	20.0	11.7	LDA,LDT1,LDT2
Site Preparation	Vendor	—	8.40	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT

Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	27.5	11.7	LDA,LDT1,LDT2
Grading	Vendor	—	8.40	HHDT,MHDT
Grading	Hauling	27.2	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	205	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	79.9	8.40	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	7.50	11.7	LDA,LDT1,LDT2
Paving	Vendor	—	8.40	HHDT,MHDT
Paving	Hauling	68.0	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	41.0	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	731,346	243,782	31,808

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	35,373	—
Site Preparation	0.00	0.00	4.64	0.00	—
Grading	3,913	0.00	25.4	0.00	—
Paving	0.00	0.00	0.00	0.00	12.2

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-Rail	0.00	0%
Refrigerated Warehouse-Rail	0.00	0%
Parking Lot	12.2	100%
User Defined Industrial	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	2.34	0.00	0.00
2026	0.00	2.34	0.00	0.00

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-Rail	27.1	27.1	27.1	9,899	1,302	1,302	1,302	475,141
Refrigerated Warehouse-Rail	3.00	3.00	3.00	1,095	144	144	144	52,581
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	3,779	3,779	3,779	1,379,197	40,713	40,713	40,713	14,860,362

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	731,346	243,782	31,808

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	180
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5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-Rail	4,851,467	2.34	0.0000	0.0000	2,544,560
Refrigerated Warehouse-Rail	76,271	2.34	0.0000	0.0000	6,668
Parking Lot	464,390	2.34	0.0000	0.0000	0.00
User Defined Industrial	0.00	2.34	0.0000	0.0000	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-Rail	111,990,675	2,315,641
Refrigerated Warehouse-Rail	758,500	0.00
Parking Lot	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-Rail	455	—
Refrigerated Warehouse-Rail	3.08	—

Parking Lot	0.00	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	2.00	50.0	175	0.73

5.16.2. Process Boilers

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

Equipment Type	Fuel Type
3 TRUs (per Trip gen for cold storage)	Diesel

8. User Changes to Default Data

Screen	Justification
Characteristics: Utility Information	In Milpitas, California, the electricity provider is Silicon Valley Clean Energy (SVCE), while PG&E handles the delivery and billing.
Land Use	Land uses are based on project specific site plan.
Construction: Construction Phases	Schedule is based on applicant provided information
Construction: Off-Road Equipment	Adjusted per applicant provided info
Construction: Trips and VMT	Added 68 daily haul trips to the paving phase to account for pavement material
Operations: Vehicle Data	Truck trip length calculated based on origins from traffic study. Truck and passenger car trip gen from traffic study.
Operations: Fleet Mix	Truck fleet mix - assigned 100% to HHDT to be conservative. Passenger vehicle fleet mix - assumes 50% of passenger trips to be LDT1 (light duty trucks) to account for 3PL delivery, the proportion of LDA, LDT2, and MDV is based on county average.
Operations: Generators + Pumps EF	Updated Emission factors to Tier 4 to comply with BAAQMD BACT for emergency diesel engines.

**1000 Gibraltar Warehouse
Demolition Debris Calculations**

Description	Area ¹ (square feet)	height/depth (ft)	Volume (ft ³)	Demolition Waste Fraction	Demolition Volume ¹ (ft ³)	Demolition Waste Density (tons/cy)	Demolition Weight (tons)
Buildings	284,762	10	2,847,620	0.25	711,905	0.50	13,183
Pavement	591,723	0.5	295,862	1	295,862	2.025	22,190
Totals							35,373

Notes:

Building demolition estimates are based on methods used in CalEEMod (CAPCOA, 2022), based on 1 story building , assume 10 ft per floor where 1 square ft floor area = 10 cubic ft (ft³) of building volume, and 1 ft³ of building volume = 0.25 ft³ of waste. This approach can be used to estimate demolition for multiple story buildings. It also assumes 1 cubic yard (cy) building waste = 0.5 ton weight

1 cubic yard of asphalt = 2.025 tons or 4050 lbs.

¹ Source:

1. Assumptions: Building demolition estimates are based on methods used in CalEEMod (CAPCOA, 2022), based on 1 story building , assume 10 ft per floor where 1 square ft floor area = 10 cubic ft (ft³) of building volume, and 1 ft³ of building volume = 0.25 ft³ of waste. This approach can be used to estimate demolition for multiple story buildings. It also assumes 1 cubic yard (cy) building waste = 0.5 ton weight

2. Assumptions: 1 cubic yard of asphalt = 2.025 tons or 4050 lbs.

3. Source: ICF in collaboration with Sacramento Metropolitan Air Quality Management District, Fehr & Peers, STI and Ramboll. 2022. CalEEMod Appendix C Emission Calculation Details for

1000 Gibraltar Warehouse
TRU emission inventory

Model Output: Off-Road Web Query (v1.1.1) Emissions Inventory
Region Type: County
Region: Santa Clara
Calendar Year: 2026
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: Off-Road Web Query Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumed	Total_Activity_hpy	Total_Pop
Santa Clara	2026	Transport Refrigeration Unit - Instate Trailer	Aggregate	Aggregate	Diesel	0.02616222	0.031666	0.037685	0.029067	0.192847	43.91327	0.004862	0.0044727	0.000416	9.84587E-07	1428356.9 0.7109137 gal/hr	2009184.64	1120.34

per unit	HC	ROG	TOG	CO	NOx	CO2	PM10	PM2.5	SOx	NH3
tpd per unit	2.3352E-05	2.83E-05	3.36E-05	2.59E-05	0.000172	0.039196	4.34E-06	3.992E-06	3.72E-07	8.78829E-10
ppd per unit	0.04670407	0.056529	0.067273	0.05189	0.344265	78.39276	0.008679	0.0079846	0.000743	1.75766E-06
ton per year	0.00852349	0.010316	0.012277	0.00947	0.062828	14.30668	0.001584	0.0014572	0.000136	3.20773E-07

1000 Gibraltar Warehouse

AERMOD DPM Sources

Source Release Parameters (m)											
Source ID	Modeled Source	Location Description	Source Type	Size		Release Height	Initial Lateral Dimension	Initial Vertical Dimension	Emissions ⁴ (lb/hr)	AERMOD Source Emission Rate	
SITE1_UM	Site - Off-Road Equipment Diesel Exhaust ¹	Project Site - Construction Area	Area	117035.6	m2	5	—	1.4	0.0363	3.911E-08	g/m2-sec
ROAD1_DPM	Haul Road - On-Road Diesel Exhaust ^{2,3}	Truck Route - South Milpitas Boulevard	Line-Volume	1117.6	meters	3.40	12.56	3.16	4.07E-04	5.1E-05	g/s

1 Construction exhaust modeled as an area source. Release parameters for construction equipment DPM exhaust modeling from SCAQMD (2008) for gaseous exhaust from construction equipment.

2 Emissions for On-Road Mobile Sources (Vendor and Haul Diesel Exhaust) modeled only for roadways within 1,000 feet of the site within the modeling domain.

3 Parameters calculated as per US EPA Haul Road Workgroup Final Report released on March 2, 2012 which suggests the use of Adjacent Volume Sources to represent the haul road.

4 Emissions from CalEEModeling for Construction modeled during construction hours as included in Attachment A. See Note 2 above regarding roadway emission portion modeled.

Variable Emission Factors: ALL Sources							
Monday - Friday							
1-6	0	0	0	0	0	0	0
7-12	0	0	1	1	1	1	1
13-18	0	1	1	1	1	1	0
19-24	0	0	0	0	0	0	0
Saturday							
1-6	0	0	0	0	0	0	0
7-12	0	0	0	0	0	0	0
13-18	0	0	0	0	0	0	0
19-24	0	0	0	0	0	0	0
Sunday							
1-6	0	0	0	0	0	0	0
7-12	0	0	0	0	0	0	0
13-18	0	0	0	0	0	0	0
19-24	0	0	0	0	0	0	0

1000 Gibraltar Warehouse DPM Emissions

Net Work Days 326
Net Construction Years 1.25
Total Working Hours 2,608

Construction Year	Construction Activity	On-site DPM (lbs)	Off-Site DPM (lbs)	Off-Site DPM(lbs)		
				Worker	Vendor	Haul
2025	Demolition	14.21	11.70	0	0	11.70
2025	Site Preparation	3.12	0.00	0	0	0
2025	Grading	14.07	0.65	0	0	0.65
2025	Building Construction	9.60	1.08	0	1.08	0
2026	Building Construction	50.71	6.32	0	6.32	0
2026	Paving	1.41	0.60	0	0	0.60
2026	Architectural Coating	1.62	0.00	0	0	0
Total PM Exhaust (On-site)		94.74	20.35	-	7.40	12.95

Note: PM10E = PM10 Exhaust which is a surrogate for Diesel Exhaust, particulate matter

	Worker	Vendor	Haul
CalEEMod Distance (miles)	11.7	8.4	20
Roadways Included within 1,000 ft	0.69	0.69	0.69
Roadway Emissions included	6%	8%	3%

	On-site Construction DPM	Off-site Roadway DPM	Off-Site Diesel PM (lbs) within 1,000 ft Roadways		
			Worker	Vendor	Haul
Modeled Emissions (lbs)	94.74	1.061	-	0.61	0.45

Source	acres/miles	% of Source		lbs	lb/hr
		Type			
Site Emissions	28.92	100%		94.74	0.036
Roadway Emissions	0.69	100%		1.061	4.07E-04

1000 Gibraltar Warehouse
AERMOD PM2.5 Sources

Source Release Parameters (m)											
Source ID	Modeled Source	Location Description	Source Type	Size		Release Height	Initial Lateral Dimension	Initial Vertical Dimension	Emissions ⁴ (lb/hr)	AERMOD Source Emission Rate	
SITE1_UM	Site - Off-Road Equipment PM2.5 ¹	Project Site - Construction Area	Area	117035.6	m2	5	—	1.4	0.082	0.00E+00	g/m2-sec
ROAD1_PM25	Haul Road - On-Road PM2.5 ^{2,3}	Truck Route - South Milpitas Boulevard	Line-Volume	1117.6	meters	3.40	12.56	3.16	0.0049	0.00E+00	g/s

1 Construction exhaust modeled as an area source. Release parameters for construction equipment DPM exhaust modeling from SCAQMD (2008) for gaseous exhaust from construction equipment.

2 Emissions for On-Road Mobile Sources (Vendor and Haul Diesel Exhaust) modeled only for roadways within 1,000 feet of the site within the modeling domain.

3 Parameters calculated as per US EPA Haul Road Workgroup Final Report released on March 2, 2012 which suggests the use of Adjacent Volume Sources to represent the haul road.

4 Emissions from CalEEModeling for Construction modeled during construction hours as included in Attachment A. See Note 2 above regarding roadway emission portion modeled.

5 Construction exhaust modeled as an area source. Modeled as per BAAQMD 2022 CEQA Guidelines which permits PM2.5 Dust to be modeled along with PM2.5Exhaust.

Variable Emission Factors: ALL Sources						
Monday - Friday						
1-6	0	0	0	0	0	0
7-12	0	0	1	1	1	1
13-18	0	1	1	1	1	0
19-24	0	0	0	0	0	0
Saturday						
1-6	0	0	0	0	0	0
7-12	0	0	0	0	0	0
13-18	0	0	0	0	0	0
19-24	0	0	0	0	0	0
Sunday						
1-6	0	0	0	0	0	0
7-12	0	0	0	0	0	0
13-18	0	0	0	0	0	0
19-24	0	0	0	0	0	0

1000 Gibraltar Warehouse

PM2.5 Emissions

Net Work Days	260
Net Construction Years	1.00
Total Working Hours	2,080

Construction Year*	Construction Activity	% Included in Max Year	On-site PM2.5T (lbs)	Off-Site PM2.5T (lbs)	Off-Site PM2.5T (lbs)		
					Worker	Vendor	Haul
2025	Demolition	100%	88.30	53.21	1.14	-	52.07
2025	Site Preparation	100%	10.75	0.11	0.11	-	0.00
2025	Grading	100%	24.95	3.82	0.94	-	2.88
2025	Building Construction	100%	8.83	20.81	14.15	6.66	0.00
2026	Building Construction	81.7%	46.66	121.98	82.94	39.04	-
Total PM2.5			179.48	199.93	99.28	45.70	54.95
Max Year PM2.5			170.94	177.60	84.09	38.55	54.95

Note: PM2.5T = PM2.5 Total including PM2.5 Exhaust (on and off-road), Fugitive Dust from Demolition, Site Preparation and Grading, as well as brake wear, tire wear and re-entrained road dust.

*PM2.5 Emissions are modeled for the maximum annual emissions which is 9/1/2025 to 9/1/2026.

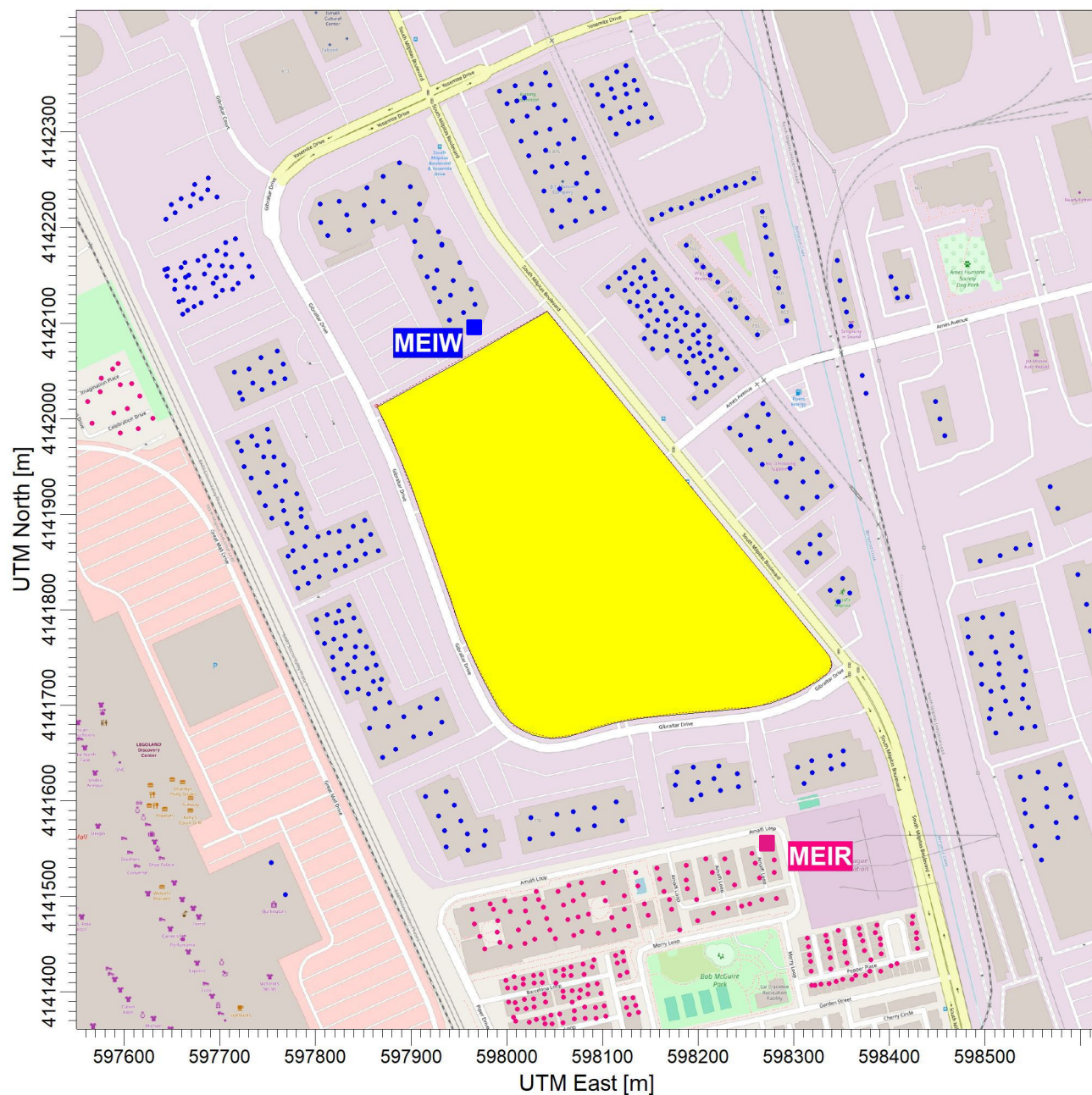
	Worker	Vendor	Haul
CalEEMod Distance (miles)	11.7	8.4	20
Roadways Included within 1,000 ft	0.69	0.69	0.69
Roadway Emissions included	6%	8%	3%

	On-site Construction PM2.5T	Off-site Roadway PM2.5T	Off-Site PM2.5 (lbs) within 1,000 ft Roadways		
			Haul	Vendor	Worker
Modeled Emissions (lbs)	170.94	10.089	4.99	3.19	1.91

Source	acres/miles	% of Source		lb/hr
		Type	lbs	
Site Emissions	28.92	100%	170.94	0.082
Roadway 1 Emissions	0.69	100%	10.089	4.85E-03

PROJECT TITLE:

1000 Gibraltar Warehouse DPM Construction HRA



Project Legend:

Site



Receptor Legend:

- Residential Receptor
- Non-Residential Receptor
- Maximally Exposed Individual Resident (MEIR)
- Maximally Exposed Individual Worker (MEIW)

SCALE:

1:6,707

0 0.2 km

FCS
An ADEC Innovation

AERMOD View - Lakes Environmental Software

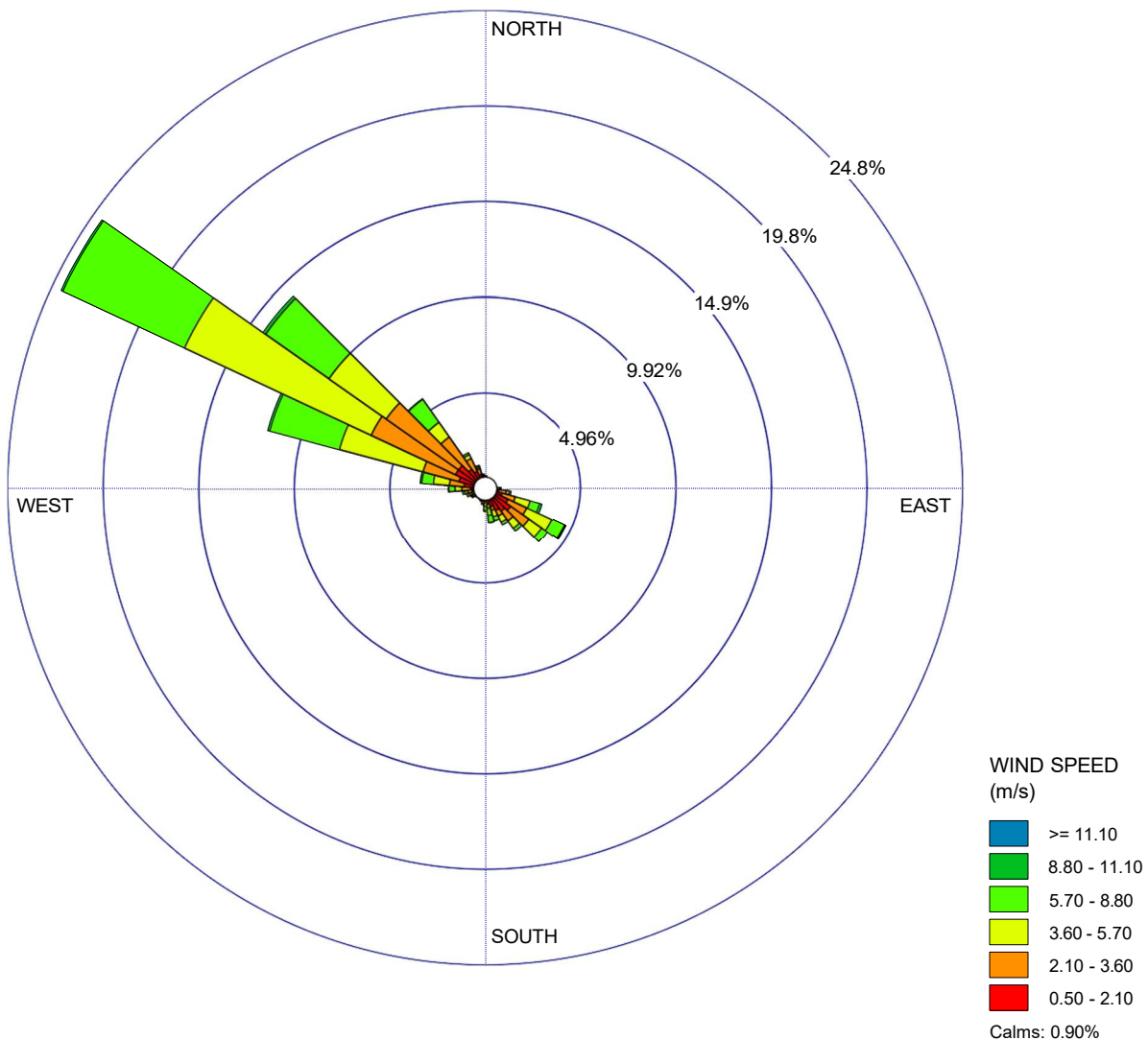
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WIND ROSE PLOT:

San Jose International Airport - KSJC
Wind Direction during Construction Hours

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:

Wind Rose is generated just for the hours with emissions when construction would occur or from 8 AM – 5 PM. This corresponds to the modeling hours in AERMOD.

DATA PERIOD:

Start Date: 1/1/2013 - 08:00
End Date: 12/31/2017 - 17:00

CALM WINDS:

0.90%

AVG. WIND SPEED:

3.77 m/s

How to Read a Wind Rose Diagram

The wind rose above shows the general wind direction and speed for the meteorological data set used in the AERMOD modeling for the project.'

The circular format of the wind rose shows the direction the winds blew from and the length of each "spoke" around the circle shows how often the wind blew from that direction.

Dispersion Options

Titles 1000 Gibraltar Warehouse DPM Construction HRA	
Dispersion Options ☐ Regulatory Default ☒ Non-Default Options	Dispersion Coefficient Urban Population: Name (Optional): Roughness Length:
☒ Flat & Elevated Terrain ☐ No Stack-Tip Downwash (NOSTD) ☐ Run in Screening Mode ☐ Conversion of NOx to NO2 (OLM or PVMRM) ☐ No Checks for Non-Sequential Met Data ☐ Fast All Sources (FASTALL) ☐ Fast Area Sources (FASTAREA) ☐ Optimized Area Source Plume Depletion ☐ Gas Deposition BETA Options: ☐ Capped and Horizontal Stack Releases ☐ Adjusted Friction Velocity (u^*) in AERMET (ADJ_U*) ☐ Low Wind Options ☐ SCIM (Sampled Chronological Input Model) ☐ Ignore Urban Night / Daytime Transition (NOURBTRAN)	Output Type ☒ Concentration ☐ Total Deposition (Dry & Wet) ☐ Dry Deposition ☐ Wet Deposition Plume Depletion ☐ Dry Removal ☐ Wet Removal Output Warnings ☐ No Output Warnings ☐ Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10 Averaging Time Options Hours ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12 ☐ 24 ☐ Month ☒ Period ☐ Annual	Exponential Decay ☐ Yes ☒ No Terrain Height Options ☐ Flat ☒ Elevated SO: Meters RE: Meters TG: Meters
Flagpole Receptors ☐ Yes ☒ No Default Height = 0.00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: ConHRA2.err

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: SITE_DPM (SITE_DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
11.13	5.00	3.91E-8	1.40	42	597864.00	4142013.26
		3.91E-8			598042.15	4142112.63
		3.91E-8			598337.90	4141750.44
		3.91E-8			598339.07	4141742.80
		3.91E-8			598336.13	4141733.98
		3.91E-8			598326.73	4141728.68
		3.91E-8			598317.91	4141722.22
		3.91E-8			598308.50	4141716.34
		3.91E-8			598295.56	4141710.46
		3.91E-8			598280.87	4141705.75
		3.91E-8			598266.75	4141699.87
		3.91E-8			598255.58	4141697.52
		3.91E-8			598243.24	4141696.93
		3.91E-8			598230.30	4141696.93
		3.91E-8			598219.72	4141695.17
		3.91E-8			598204.43	4141693.99
		3.91E-8			598185.62	4141692.82
		3.91E-8			598167.98	4141690.47
		3.91E-8			598149.16	4141688.11
		3.91E-8			598132.11	4141686.35
		3.91E-8			598112.71	4141682.23
		3.91E-8			598092.13	4141677.53
		3.91E-8			598075.67	4141670.48
		3.91E-8			598059.79	4141667.54
		3.91E-8			598045.09	4141665.77
		3.91E-8			598026.28	4141671.65
		3.91E-8			598007.46	4141678.12
		3.91E-8			597990.41	4141700.46
		3.91E-8			597973.95	4141731.04
		3.91E-8			597961.60	4141756.91

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: SITE_DPM (SITE_DPM)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
		3.91E-8			597952.78	4141777.49
		3.91E-8			597945.73	4141795.71
		3.91E-8			597941.61	4141811.59
		3.91E-8			597932.20	4141836.28
		3.91E-8			597924.56	4141860.39
		3.91E-8			597918.68	4141876.26
		3.91E-8			597911.62	4141895.67
		3.91E-8			597903.39	4141918.60
		3.91E-8			597896.34	4141935.65
		3.91E-8			597888.10	4141957.99
		3.91E-8			597881.64	4141976.22
		3.91E-8			597870.47	4141997.97

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: SITE_PM25 (SITE_PM25)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
11.13	5.00	8.83E-8	1.40	42	597864.00	4142013.26
		8.83E-8			598042.15	4142112.63
		8.83E-8			598337.90	4141750.44
		8.83E-8			598339.07	4141742.80
		8.83E-8			598336.13	4141733.98
		8.83E-8			598326.73	4141728.68
		8.83E-8			598317.91	4141722.22
		8.83E-8			598308.50	4141716.34
		8.83E-8			598295.56	4141710.46
		8.83E-8			598280.87	4141705.75
		8.83E-8			598266.75	4141699.87
		8.83E-8			598255.58	4141697.52
		8.83E-8			598243.24	4141696.93
		8.83E-8			598230.30	4141696.93
		8.83E-8			598219.72	4141695.17
		8.83E-8			598204.43	4141693.99
		8.83E-8			598185.62	4141692.82
		8.83E-8			598167.98	4141690.47
		8.83E-8			598149.16	4141688.11
		8.83E-8			598132.11	4141686.35
		8.83E-8			598112.71	4141682.23
		8.83E-8			598092.13	4141677.53
		8.83E-8			598075.67	4141670.48
		8.83E-8			598059.79	4141667.54
		8.83E-8			598045.09	4141665.77
		8.83E-8			598026.28	4141671.65
		8.83E-8			598007.46	4141678.12
		8.83E-8			597990.41	4141700.46
		8.83E-8			597973.95	4141731.04
		8.83E-8			597961.60	4141756.91
		8.83E-8			597952.78	4141777.49

Source Pathway - Source Inputs

AERMOD

Source Type: AREA POLY

Source: SITE_PM25 (SITE_PM25)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m ²)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
11.13	5.00	8.83E-8	1.40	42	597945.73	4141795.71
		8.83E-8			597941.61	4141811.59
		8.83E-8			597932.20	4141836.28
		8.83E-8			597924.56	4141860.39
		8.83E-8			597918.68	4141876.26
		8.83E-8			597911.62	4141895.67
		8.83E-8			597903.39	4141918.60
		8.83E-8			597896.34	4141935.65
		8.83E-8			597888.10	4141957.99
		8.83E-8			597881.64	4141976.22
		8.83E-8			597870.47	4141997.97

Source Pathway - Source Inputs

AERMOD

Line Volume Sources

Source Type: LINE VOLUME

Source: ROAD_DPM (ROAD_DPM)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
27.00	0.00005		597902.14	4142378.77	9.53	3.40
			597924.15	4142325.58	9.88	3.40
			597973.67	4142224.71	10.84	3.40
			598360.68	4141740.49	16.30	3.40
			598395.52	4141679.97	16.66	3.40
			598415.70	4141619.44	17.02	3.40
			598428.54	4141549.74	17.31	3.40
			598454.22	4141448.86	17.75	3.40
			598454.22	4141459.87	17.68	3.40
			598457.89	4141452.53	17.66	3.40

Source Type: LINE VOLUME

Source: ROAD_PM25 (ROAD_PM25)

Length of Side [m]	Emission Rate [g/ s]	Building Height [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
27.00	0.00061		597902.14	4142378.77	9.53	3.40
			597924.15	4142325.58	9.88	3.40
			597973.67	4142224.71	10.84	3.40
			598360.68	4141740.49	16.30	3.40
			598395.52	4141679.97	16.66	3.40
			598415.70	4141619.44	17.02	3.40
			598428.54	4141549.74	17.31	3.40
			598454.22	4141448.86	17.75	3.40
			598454.22	4141459.87	17.68	3.40
			598457.89	4141452.53	17.66	3.40

Source Pathway - Source Inputs

AERMOD

Volume Sources Generated from Line Sources

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
ROAD_DPM	L0000165	597907.30	4142366.30	9.61	3.40	1.25E-6	27.00		12.56	3.16
	L0000166	597917.63	4142341.35	9.78	3.40	1.25E-6	27.00		12.56	3.16
	L0000167	597928.53	4142316.66	9.96	3.40	1.25E-6	27.00		12.56	3.16
	L0000168	597940.43	4142292.43	10.20	3.40	1.25E-6	27.00		12.56	3.16
	L0000169	597952.32	4142268.19	10.43	3.40	1.25E-6	27.00		12.56	3.16
	L0000170	597964.22	4142243.95	10.66	3.40	1.25E-6	27.00		12.56	3.16
	L0000171	597977.14	4142220.36	10.89	3.40	1.25E-6	27.00		12.56	3.16
	L0000172	597994.00	4142199.27	11.13	3.40	1.25E-6	27.00		12.56	3.16
	L0000173	598010.86	4142178.18	11.36	3.40	1.25E-6	27.00		12.56	3.16
	L0000174	598027.71	4142157.09	11.60	3.40	1.25E-6	27.00		12.56	3.16
	L0000175	598044.57	4142136.00	11.84	3.40	1.25E-6	27.00		12.56	3.16
	L0000176	598061.43	4142114.91	12.08	3.40	1.25E-6	27.00		12.56	3.16
	L0000177	598078.28	4142093.82	12.32	3.40	1.25E-6	27.00		12.56	3.16
	L0000178	598095.14	4142072.73	12.55	3.40	1.25E-6	27.00		12.56	3.16
	L0000179	598112.00	4142051.63	12.79	3.40	1.25E-6	27.00		12.56	3.16
	L0000180	598128.85	4142030.54	13.03	3.40	1.25E-6	27.00		12.56	3.16
	L0000181	598145.71	4142009.45	13.27	3.40	1.25E-6	27.00		12.56	3.16
	L0000182	598162.57	4141988.36	13.51	3.40	1.25E-6	27.00		12.56	3.16
	L0000183	598179.43	4141967.27	13.74	3.40	1.25E-6	27.00		12.56	3.16
	L0000184	598196.28	4141946.18	13.98	3.40	1.25E-6	27.00		12.56	3.16
	L0000185	598213.14	4141925.09	14.22	3.40	1.25E-6	27.00		12.56	3.16
	L0000186	598230.00	4141904.00	14.46	3.40	1.25E-6	27.00		12.56	3.16
	L0000187	598246.85	4141882.90	14.69	3.40	1.25E-6	27.00		12.56	3.16
	L0000188	598263.71	4141861.81	14.93	3.40	1.25E-6	27.00		12.56	3.16

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
ROAD_DPM	L0000189	598280.57	4141840.72	15.17	3.40	1.25E-6	27.00		12.56	3.16
	L0000190	598297.43	4141819.63	15.41	3.40	1.25E-6	27.00		12.56	3.16
	L0000191	598314.28	4141798.54	15.65	3.40	1.25E-6	27.00		12.56	3.16
	L0000192	598331.14	4141777.45	15.88	3.40	1.25E-6	27.00		12.56	3.16
	L0000193	598348.00	4141756.36	16.12	3.40	1.25E-6	27.00		12.56	3.16
	L0000194	598364.01	4141734.69	16.33	3.40	1.25E-6	27.00		12.56	3.16
	L0000195	598377.49	4141711.29	16.47	3.40	1.25E-6	27.00		12.56	3.16
	L0000196	598390.96	4141687.90	16.61	3.40	1.25E-6	27.00		12.56	3.16
	L0000197	598401.17	4141663.03	16.76	3.40	1.25E-6	27.00		12.56	3.16
	L0000198	598409.71	4141637.42	16.91	3.40	1.25E-6	27.00		12.56	3.16
	L0000199	598417.16	4141611.52	17.05	3.40	1.25E-6	27.00		12.56	3.16
	L0000200	598422.05	4141584.97	17.16	3.40	1.25E-6	27.00		12.56	3.16
	L0000201	598426.94	4141558.42	17.27	3.40	1.25E-6	27.00		12.56	3.16
	L0000202	598433.02	4141532.12	17.39	3.40	1.25E-6	27.00		12.56	3.16
	L0000203	598439.68	4141505.96	17.50	3.40	1.25E-6	27.00		12.56	3.16
	L0000204	598446.34	4141479.79	17.62	3.40	1.25E-6	27.00		12.56	3.16
	L0000205	598453.00	4141453.63	17.73	3.40	1.25E-6	27.00		12.56	3.16

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimencion [m]	Initial Vertical Dimencion [m]
ROAD_PM25	L0000206	597907.30	4142366.30	9.61	3.40	0.00001	27.00		12.56	3.16
	L0000207	597917.63	4142341.35	9.78	3.40	0.00001	27.00		12.56	3.16
	L0000208	597928.53	4142316.66	9.96	3.40	0.00001	27.00		12.56	3.16
	L0000209	597940.43	4142292.43	10.20	3.40	0.00001	27.00		12.56	3.16
	L0000210	597952.32	4142268.19	10.43	3.40	0.00001	27.00		12.56	3.16
	L0000211	597964.22	4142243.95	10.66	3.40	0.00001	27.00		12.56	3.16

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
ROAD_PM25	L0000212	597977.14	4142220.36	10.89	3.40	0.00001	27.00		12.56	3.16
	L0000213	597994.00	4142199.27	11.13	3.40	0.00001	27.00		12.56	3.16
	L0000214	598010.86	4142178.18	11.36	3.40	0.00001	27.00		12.56	3.16
	L0000215	598027.71	4142157.09	11.60	3.40	0.00001	27.00		12.56	3.16
	L0000216	598044.57	4142136.00	11.84	3.40	0.00001	27.00		12.56	3.16
	L0000217	598061.43	4142114.91	12.08	3.40	0.00001	27.00		12.56	3.16
	L0000218	598078.28	4142093.82	12.32	3.40	0.00001	27.00		12.56	3.16
	L0000219	598095.14	4142072.73	12.55	3.40	0.00001	27.00		12.56	3.16
	L0000220	598112.00	4142051.63	12.79	3.40	0.00001	27.00		12.56	3.16
	L0000221	598128.85	4142030.54	13.03	3.40	0.00001	27.00		12.56	3.16
	L0000222	598145.71	4142009.45	13.27	3.40	0.00001	27.00		12.56	3.16
	L0000223	598162.57	4141988.36	13.51	3.40	0.00001	27.00		12.56	3.16
	L0000224	598179.43	4141967.27	13.74	3.40	0.00001	27.00		12.56	3.16
	L0000225	598196.28	4141946.18	13.98	3.40	0.00001	27.00		12.56	3.16
	L0000226	598213.14	4141925.09	14.22	3.40	0.00001	27.00		12.56	3.16
	L0000227	598230.00	4141904.00	14.46	3.40	0.00001	27.00		12.56	3.16
	L0000228	598246.85	4141882.90	14.69	3.40	0.00001	27.00		12.56	3.16
	L0000229	598263.71	4141861.81	14.93	3.40	0.00001	27.00		12.56	3.16
	L0000230	598280.57	4141840.72	15.17	3.40	0.00001	27.00		12.56	3.16
	L0000231	598297.43	4141819.63	15.41	3.40	0.00001	27.00		12.56	3.16
	L0000232	598314.28	4141798.54	15.65	3.40	0.00001	27.00		12.56	3.16
	L0000233	598331.14	4141777.45	15.88	3.40	0.00001	27.00		12.56	3.16
	L0000234	598348.00	4141756.36	16.12	3.40	0.00001	27.00		12.56	3.16
	L0000235	598364.01	4141734.69	16.33	3.40	0.00001	27.00		12.56	3.16
	L0000236	598377.49	4141711.29	16.47	3.40	0.00001	27.00		12.56	3.16

Source Pathway - Source Inputs

AERMOD

Line Source ID	Volume Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation [m]	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dimension [m]	Initial Vertical Dimension [m]
ROAD_PM25	L0000237	598390.96	4141687.90	16.61	3.40	0.00001	27.00		12.56	3.16
	L0000238	598401.17	4141663.03	16.76	3.40	0.00001	27.00		12.56	3.16
	L0000239	598409.71	4141637.42	16.91	3.40	0.00001	27.00		12.56	3.16
	L0000240	598417.16	4141611.52	17.05	3.40	0.00001	27.00		12.56	3.16
	L0000241	598422.05	4141584.97	17.16	3.40	0.00001	27.00		12.56	3.16
	L0000242	598426.94	4141558.42	17.27	3.40	0.00001	27.00		12.56	3.16
	L0000243	598433.02	4141532.12	17.39	3.40	0.00001	27.00		12.56	3.16
	L0000244	598439.68	4141505.96	17.50	3.40	0.00001	27.00		12.56	3.16
	L0000245	598446.34	4141479.79	17.62	3.40	0.00001	27.00		12.56	3.16
	L0000246	598453.00	4141453.63	17.73	3.40	0.00001	27.00		12.56	3.16

Source Pathway

AERMOD

Building Downwash Information

Option not in use

Emission Rate Units for Output

For Concentration

Unit Factor: 1E6
Emission Unit Label: GRAMS/SEC
Concentration Unit Label: MICROGRAMS/M**3

Source Groups

Source Group ID: PM25	List of Sources in Group (Source Range or Single Sources)
	SITE_PM25 ROAD_PM25
Source Group ID: DPM	List of Sources in Group (Source Range or Single Sources)
	SITE_DPM ROAD_DPM
Source Group ID: ALL	List of Sources in Group (Source Range or Single Sources)
	All Sources Included

Variable Emissions

Source Pathway

AERMOD

Hour-of-Day / Day-of-Week Emission Rate Variation

Scenario: Scenario 1

Source ID:		SITE_DPM						
Weekdays								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	1.00	1.00	1.00	1.00	0.00
Day	13 - 18		1.00	1.00	1.00	1.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Saturday								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	0.00	0.00	0.00	0.00	0.00
Day	13 - 18		0.00	0.00	0.00	0.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Sunday								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	0.00	0.00	0.00	0.00	0.00
Day	13 - 18		0.00	0.00	0.00	0.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Source ID:		SITE_PM25						
Weekdays								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	1.00	1.00	1.00	1.00	0.00
Day	13 - 18		1.00	1.00	1.00	1.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Saturday								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	0.00	0.00	0.00	0.00	0.00
Day	13 - 18		0.00	0.00	0.00	0.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Sunday								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	0.00	0.00	0.00	0.00	0.00
Day	13 - 18		0.00	0.00	0.00	0.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Source ID:		ROAD_DPM						
Weekdays								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	1.00	1.00	1.00	1.00	0.00
Day	13 - 18		1.00	1.00	1.00	1.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Saturday								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	0.00	0.00	0.00	0.00	0.00
Day	13 - 18		0.00	0.00	0.00	0.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Sunday								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	0.00	0.00	0.00	0.00	0.00
Day	13 - 18		0.00	0.00	0.00	0.00	0.00	0.00
	19 - 24		0.00	0.00	0.00	0.00	0.00	0.00
Source ID:		ROAD_PM25						
Weekdays								
Hour	1 - 6		0.00	0.00	0.00	0.00	0.00	0.00
of	7 - 12		0.00	1.00	1.00	1.00	1.00	0.00
Day	13 - 18		1.00	1.00	1.00	1.00	0.00	0.00

Source Pathway

AERMOD

Scenario: Scenario 1

Source ID: ROAD_PM25							
Saturday		19 - 24	0.00	0.00	0.00	0.00	0.00
	Hour	1 - 6	0.00	0.00	0.00	0.00	0.00
	of	7 - 12	0.00	0.00	0.00	0.00	0.00
	Day	13 - 18	0.00	0.00	0.00	0.00	0.00
		19 - 24	0.00	0.00	0.00	0.00	0.00
Sunday							
	Hour	1 - 6	0.00	0.00	0.00	0.00	0.00
	of	7 - 12	0.00	0.00	0.00	0.00	0.00
	Day	13 - 18	0.00	0.00	0.00	0.00	0.00
		19 - 24	0.00	0.00	0.00	0.00	0.00

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Uniform Cartesian Grid

Receptor Network ID	Grid Origin X Coordinate [m]	Grid Origin Y Coordinate [m]	No. of X-Axis Receptors	No. of Y-Axis Receptors	Spacing for X-Axis [m]	Spacing for Y-Axis [m]
UCART1	597455.95	4141311.75	21	21	65.34	55.46

Discrete Receptors

Discrete Cartesian Receptors

Record Number	X-Coordinate [m]	Y-Coordinate [m]	Group Name (Optional)	Terrain Elevations	Flagpole Heights [m] (Optional)
1	598056.86	4142200.88	Workers	12.02	
2	598071.50	4142207.15	Workers	11.91	
3	598088.75	4142216.56	Workers	11.68	
4	598101.83	4142220.22	Workers	11.60	
5	598095.03	4142238.52	Workers	11.18	
6	598081.96	4142230.68	Workers	11.41	
7	598065.23	4142228.59	Workers	11.32	
8	598047.45	4142217.61	Workers	11.47	
9	598038.56	4142238.52	Workers	10.86	
10	598055.29	4142240.62	Workers	10.87	
11	598073.07	4142246.37	Workers	10.92	
12	598083.53	4142256.83	Workers	10.84	
13	598080.91	4142273.56	Workers	10.91	
14	598062.61	4142267.28	Workers	11.02	
15	598047.45	4142263.62	Workers	11.18	
16	598029.67	4142258.39	Workers	11.45	
17	598022.87	4142275.13	Workers	11.84	
18	598040.65	4142280.88	Workers	11.57	
19	598054.24	4142287.68	Workers	11.35	
20	598069.93	4142292.90	Workers	11.10	
21	598061.04	4142312.25	Workers	10.98	
22	598044.83	4142302.84	Workers	11.13	
23	598030.19	4142299.18	Workers	11.13	
24	598015.03	4142290.29	Workers	11.26	
25	598005.62	4142311.73	Workers	10.86	
26	598021.30	4142316.43	Workers	10.88	

Receptor Pathway

AERMOD

27	598032.81	4142325.32	Workers	10.90
28	598049.54	4142328.46	Workers	10.91
29	598044.83	4142348.85	Workers	11.20
30	598018.17	4142335.78	Workers	11.20
31	598010.32	4142332.64	Workers	11.20
32	598000.39	4142329.51	Workers	11.23
33	597992.02	4142342.58	Workers	11.88
34	598008.75	4142348.33	Workers	11.67
35	598025.49	4142350.42	Workers	11.54
36	598040.65	4142361.92	Workers	11.50
37	598088.75	4142348.85	Workers	12.01
38	598104.44	4142356.17	Workers	12.35
39	598114.90	4142363.49	Workers	12.54
40	598124.31	4142369.24	Workers	12.56
41	598133.20	4142354.08	Workers	12.50
42	598123.26	4142349.38	Workers	12.34
43	598109.15	4142345.19	Workers	12.13
44	598095.03	4142339.44	Workers	11.83
45	598100.26	4142327.41	Workers	11.68
46	598112.81	4142335.78	Workers	11.96
47	598124.83	4142339.96	Workers	12.19
48	598136.34	4142344.15	Workers	12.40
49	598145.23	4142328.98	Workers	12.53
50	598128.49	4142325.85	Workers	12.23
51	598120.13	4142321.14	Workers	12.07
52	598108.10	4142314.34	Workers	11.80
53	598114.38	4142298.13	Workers	12.00
54	598127.45	4142308.59	Workers	12.39
55	598136.86	4142311.21	Workers	12.61
56	598151.50	4142314.87	Workers	12.39
57	598201.49	4142068.57	Workers	13.11
58	598105.71	4142137.88	Workers	13.46
59	598117.71	4142146.76	Workers	13.24
60	598123.93	4142152.99	Workers	13.14
61	598133.27	4142158.32	Workers	12.98
62	598143.49	4142165.43	Workers	12.76
63	598152.82	4142152.99	Workers	12.40
64	598139.94	4142147.65	Workers	12.58

Receptor Pathway

AERMOD

65	598131.05	4142140.99	Workers	12.68
66	598123.49	4142134.32	Workers	12.71
67	598128.38	4142122.32	Workers	12.39
68	598137.27	4142132.54	Workers	12.39
69	598144.38	4142139.21	Workers	12.38
70	598155.05	4142146.32	Workers	12.34
71	598167.94	4142134.76	Workers	12.36
72	598154.16	4142128.99	Workers	12.34
73	598146.60	4142122.76	Workers	12.33
74	598136.38	4142117.87	Workers	12.36
75	598140.38	4142107.21	Workers	12.54
76	598149.71	4142113.43	Workers	12.57
77	598161.27	4142120.54	Workers	12.55
78	598172.83	4142128.10	Workers	12.51
79	598182.60	4142116.10	Workers	13.11
80	598166.60	4142112.10	Workers	13.10
81	598157.71	4142103.21	Workers	13.34
82	598147.05	4142097.43	Workers	13.36
83	598143.94	4142084.10	Workers	13.56
84	598155.05	4142091.21	Workers	13.54
85	598168.83	4142098.32	Workers	13.51
86	598175.94	4142104.10	Workers	13.42
87	598187.94	4142111.21	Workers	13.39
88	598199.49	4142108.10	Workers	13.59
89	598186.16	4142098.32	Workers	13.31
90	598177.71	4142092.10	Workers	13.30
91	598166.60	4142085.87	Workers	13.47
92	598152.38	4142072.98	Workers	13.54
93	598167.49	4142071.65	Workers	13.09
94	598182.60	4142080.98	Workers	12.97
95	598195.05	4142087.65	Workers	13.34
96	598199.94	4142091.65	Workers	13.51
97	598206.60	4142098.32	Workers	13.75
98	598211.94	4142085.43	Workers	13.66
99	598199.94	4142079.21	Workers	13.31
100	598191.05	4142073.43	Workers	13.01
101	598180.83	4142065.87	Workers	12.67
102	598187.49	4142059.65	Workers	12.68

Receptor Pathway

AERMOD

103	598195.05	4142065.43	Workers	12.93
104	598211.49	4142077.87	Workers	13.49
105	598223.94	4142072.54	Workers	13.70
106	598213.72	4142065.87	Workers	13.35
107	598205.72	4142060.09	Workers	13.08
108	598190.60	4142047.65	Workers	12.58
109	598197.72	4142036.54	Workers	13.10
110	598209.72	4142048.09	Workers	13.24
111	598217.27	4142053.43	Workers	13.43
112	598230.16	4142063.21	Workers	13.80
113	598239.49	4142051.65	Workers	14.01
114	598224.38	4142042.76	Workers	13.55
115	598217.27	4142034.76	Workers	13.52
116	598208.38	4142028.09	Workers	13.49
117	598195.94	4142021.43	Workers	13.49
118	598261.72	4142087.65	Workers	14.39
119	598251.05	4142105.43	Workers	14.34
120	598239.05	4142116.54	Workers	14.32
121	598233.72	4142124.54	Workers	14.33
122	598220.38	4142142.76	Workers	14.06
123	598212.83	4142150.32	Workers	13.82
124	598205.27	4142158.77	Workers	13.78
125	598198.60	4142165.88	Workers	13.77
126	598187.49	4142181.43	Workers	13.72
127	598151.94	4142208.99	Workers	13.09
128	598162.16	4142213.88	Workers	13.44
129	598171.49	4142218.77	Workers	13.33
130	598182.60	4142220.99	Workers	13.35
131	598193.27	4142225.43	Workers	13.34
132	598204.38	4142230.32	Workers	13.34
133	598213.27	4142233.43	Workers	13.39
134	598220.83	4142238.32	Workers	13.38
135	598228.83	4142241.88	Workers	13.49
136	598239.05	4142244.10	Workers	13.51
137	598248.83	4142246.77	Workers	13.58
138	598258.16	4142251.21	Workers	13.55
139	598267.05	4142216.55	Workers	14.21
140	598270.16	4142202.74	Workers	14.28

Receptor Pathway

AERMOD

141	598271.05	4142189.88	Workers	14.34
142	598280.51	4142153.46	Workers	14.45
143	598276.73	4142171.83	Workers	14.36
144	598284.39	4142136.80	Workers	14.49
145	598288.68	4142117.33	Workers	14.53
146	598292.83	4142102.76	Workers	14.41
147	598262.29	4141991.31	Workers	15.83
148	598244.24	4141982.54	Workers	15.92
149	598275.14	4141976.96	Workers	15.66
150	598254.44	4141967.43	Workers	16.11
151	598285.71	4141961.09	Workers	15.54
152	598267.29	4141951.94	Workers	15.99
153	598295.83	4141947.95	Workers	15.16
154	598281.64	4141934.18	Workers	15.07
155	598309.43	4141933.97	Workers	15.34
156	598292.60	4141918.32	Workers	15.23
157	598324.68	4141917.85	Workers	16.19
158	598308.85	4141906.23	Workers	16.00
159	598345.64	4142165.74	Workers	15.21
160	598348.21	4142144.54	Workers	15.37
161	598353.03	4142124.63	Workers	15.43
162	598355.28	4142111.47	Workers	15.41
163	598359.77	4142096.69	Workers	15.74
164	598408.59	4142126.24	Workers	15.33
165	598418.54	4142127.52	Workers	15.35
166	598406.98	4142135.87	Workers	15.37
167	598401.52	4142148.72	Workers	15.45
168	598481.34	4141790.44	Workers	19.12
169	598497.52	4141792.15	Workers	19.41
170	598517.96	4141795.55	Workers	19.48
171	598528.18	4141775.97	Workers	18.77
172	598506.89	4141771.71	Workers	18.67
173	598482.19	4141771.71	Workers	18.60
174	598485.60	4141754.68	Workers	18.47
175	598511.14	4141755.53	Workers	18.63
176	598528.18	4141762.34	Workers	18.76
177	598536.69	4141750.42	Workers	19.01
178	598514.55	4141743.61	Workers	18.75

Receptor Pathway

AERMOD

179	598495.82	4141742.76	Workers	18.51
180	598496.67	4141722.32	Workers	18.75
181	598514.55	4141732.54	Workers	19.09
182	598542.65	4141735.94	Workers	19.77
183	598540.10	4141721.47	Workers	19.21
184	598518.81	4141718.91	Workers	19.01
185	598506.03	4141714.65	Workers	18.80
186	598506.03	4141695.92	Workers	18.67
187	598521.36	4141704.44	Workers	18.70
188	598539.25	4141706.99	Workers	18.74
189	598545.21	4141697.62	Workers	18.80
190	598526.47	4141690.81	Workers	18.81
191	598504.33	4141686.55	Workers	18.75
192	598511.14	4141671.23	Workers	19.20
193	598538.39	4141676.34	Workers	19.35
194	598552.02	4141678.04	Workers	19.57
195	598578.42	4141638.02	Workers	18.96
196	598555.42	4141630.35	Workers	19.37
197	598536.69	4141625.24	Workers	19.60
198	598540.95	4141601.40	Workers	19.45
199	598563.94	4141613.32	Workers	19.02
200	598584.38	4141616.73	Workers	18.65
201	598589.49	4141603.95	Workers	18.66
202	598564.79	4141593.74	Workers	19.12
203	598541.80	4141586.92	Workers	19.52
204	598548.61	4141573.30	Workers	19.41
205	598574.16	4141577.56	Workers	19.00
206	598595.45	4141582.67	Workers	18.64
207	598575.86	4141561.38	Workers	19.11
208	598552.02	4141552.86	Workers	19.52
209	598558.83	4141538.39	Workers	19.44
210	598351.91	4141652.49	Workers	16.80
211	598351.91	4141638.02	Workers	16.85
212	598338.28	4141647.38	Workers	16.86
213	598339.13	4141633.76	Workers	16.89
214	598318.70	4141642.27	Workers	16.95
215	598319.55	4141629.50	Workers	16.98
216	598304.22	4141635.46	Workers	17.06

Receptor Pathway

AERMOD

217	598311.03	4141618.43	Workers	16.96
218	598178.19	4141630.35	Workers	15.70
219	598195.22	4141635.46	Workers	15.68
220	598221.62	4141636.31	Workers	15.80
221	598176.49	4141616.73	Workers	15.68
222	598200.33	4141619.28	Workers	15.67
223	598216.51	4141623.54	Workers	15.75
224	598241.21	4141628.65	Workers	15.75
225	598242.06	4141615.02	Workers	15.91
226	598223.32	4141610.77	Workers	15.75
227	598202.89	4141606.51	Workers	15.65
228	598193.52	4141601.40	Workers	15.64
229	598114.33	4141598.85	Workers	14.46
230	598091.33	4141592.88	Workers	14.47
231	598069.19	4141588.63	Workers	14.46
232	598052.16	4141586.07	Workers	14.49
233	598024.91	4141582.67	Workers	14.47
234	598024.06	4141560.53	Workers	14.57
235	598047.91	4141565.63	Workers	14.58
236	598074.30	4141569.89	Workers	14.53
237	598091.33	4141574.15	Workers	14.54
238	598120.29	4141579.26	Workers	14.14
239	597977.23	4141569.04	Workers	13.61
240	597976.38	4141553.71	Workers	13.62
241	597958.49	4141565.63	Workers	13.59
242	597959.35	4141548.60	Workers	13.60
243	597936.35	4141552.01	Workers	13.54
244	597934.65	4141569.04	Workers	13.62
245	597951.68	4141579.26	Workers	13.57
246	597928.69	4141584.37	Workers	13.63
247	597944.87	4141595.44	Workers	13.58
248	597936.35	4141609.92	Workers	13.61
249	597915.06	4141604.81	Workers	13.60
250	597926.99	4141706.99	Workers	11.85
251	597932.10	4141682.30	Workers	11.78
252	597909.10	4141697.62	Workers	11.86
253	597920.17	4141670.37	Workers	11.78
254	597892.07	4141688.26	Workers	11.81

Receptor Pathway

AERMOD

255	597902.29	4141666.97	Workers	11.80
256	597875.89	4141678.04	Workers	11.76
257	597883.56	4141654.20	Workers	11.81
258	597869.93	4141645.68	Workers	11.79
259	598338.28	4141820.25	Workers	16.76
260	598351.05	4141833.02	Workers	16.75
261	598346.35	4141808.18	Workers	16.75
262	598358.72	4141817.69	Workers	16.74
263	598313.59	4141850.05	Workers	16.30
264	598327.42	4141859.27	Workers	16.35
265	598305.01	4141859.75	Workers	16.34
266	598317.20	4141868.40	Workers	16.42
267	598327.21	4141878.15	Workers	16.38
268	597856.31	4141676.34	Workers	11.38
269	597877.60	4141702.73	Workers	11.50
270	597862.27	4141696.77	Workers	10.94
271	597855.46	4141712.10	Workers	11.28
272	597867.38	4141717.21	Workers	11.54
273	597869.08	4141727.43	Workers	11.68
274	597860.57	4141724.87	Workers	11.57
275	597844.39	4141717.21	Workers	11.41
276	597832.47	4141713.80	Workers	11.48
277	597829.06	4141728.28	Workers	11.69
278	597840.13	4141735.09	Workers	11.72
279	597853.75	4141738.50	Workers	11.70
280	597863.12	4141741.90	Workers	11.70
281	597859.71	4141754.68	Workers	11.68
282	597840.98	4141750.42	Workers	11.72
283	597833.32	4141742.76	Workers	11.73
284	597818.84	4141737.65	Workers	11.72
285	597817.99	4141750.42	Workers	11.73
286	597826.50	4141758.93	Workers	11.72
287	597841.83	4141761.49	Workers	11.71
288	597852.90	4141761.49	Workers	11.70
289	597846.09	4141777.67	Workers	11.67
290	597830.76	4141772.56	Workers	11.69
291	597818.84	4141769.15	Workers	11.71
292	597809.47	4141764.90	Workers	11.71

Receptor Pathway

AERMOD

293	597801.81	4141775.97	Workers	11.70
294	597821.40	4141786.18	Workers	11.75
295	597827.36	4141787.89	Workers	11.75
296	597840.13	4141791.29	Workers	11.72
297	597835.02	4141804.92	Workers	11.75
298	597823.95	4141798.96	Workers	11.77
299	597812.03	4141794.70	Workers	11.74
300	597800.96	4141789.59	Workers	11.67
301	597851.20	4141893.48	Workers	10.91
302	597857.62	4141878.71	Workers	10.91
303	597865.68	4141861.97	Workers	10.90
304	597852.05	4141858.57	Workers	10.88
305	597847.79	4141872.19	Workers	10.93
306	597839.28	4141887.52	Workers	10.98
307	597824.80	4141882.41	Workers	10.91
308	597834.17	4141866.23	Workers	10.92
309	597842.09	4141851.41	Workers	10.90
310	597830.76	4141845.79	Workers	10.86
311	597824.80	4141859.42	Workers	10.89
312	597813.73	4141880.71	Workers	10.90
313	597802.59	4141876.32	Workers	10.84
314	597810.24	4141857.54	Workers	10.98
315	597820.54	4141841.53	Workers	10.92
316	597803.51	4141834.72	Workers	11.17
317	597800.11	4141850.90	Workers	10.85
318	597789.04	4141866.23	Workers	10.41
319	597776.26	4141861.97	Workers	10.14
320	597787.25	4141844.29	Workers	10.79
321	597792.07	4141827.84	Workers	11.28
322	597781.37	4141822.80	Workers	11.11
323	597778.82	4141839.83	Workers	10.90
324	597771.15	4141856.01	Workers	10.37
325	597775.41	4141880.71	Workers	9.98
326	597790.46	4141886.49	Workers	10.51
327	597784.78	4141897.74	Workers	10.59
328	597770.30	4141890.07	Workers	10.24
329	597754.12	4141896.03	Workers	10.56
330	597766.90	4141903.70	Workers	10.58

Receptor Pathway

AERMOD

331	597784.78	4141905.40	Workers	10.68
332	597780.52	4141921.58	Workers	10.74
333	597765.19	4141913.92	Workers	10.74
334	597747.31	4141908.81	Workers	10.83
335	597741.35	4141922.43	Workers	10.87
336	597758.38	4141929.24	Workers	10.85
337	597768.60	4141934.35	Workers	10.84
338	597766.90	4141951.38	Workers	10.88
339	597749.87	4141943.72	Workers	10.88
340	597732.83	4141937.76	Workers	10.88
341	597725.17	4141949.68	Workers	10.85
342	597745.61	4141959.90	Workers	10.85
343	597756.68	4141959.90	Workers	10.87
344	597751.57	4141976.08	Workers	10.83
345	597738.80	4141971.82	Workers	10.83
346	597722.28	4141966.53	Workers	10.83
347	597718.55	4141975.16	Workers	10.82
348	597733.18	4141981.87	Workers	10.82
349	597749.87	4141988.85	Workers	10.78
350	597767.75	4142041.65	Workers	10.45
351	597756.68	4142037.39	Workers	10.46
352	597743.91	4142030.58	Workers	10.50
353	597723.47	4142020.36	Workers	10.52
354	597720.91	4142027.17	Workers	10.54
355	597734.54	4142037.39	Workers	10.52
356	597753.27	4142049.31	Workers	10.48
357	597766.05	4142056.97	Workers	10.47
358	597760.08	4142070.60	Workers	10.50
359	597743.05	4142063.79	Workers	10.52
360	597730.28	4142051.87	Workers	10.51
361	597714.95	4142048.46	Workers	10.50
362	597887.76	4142267.78	Workers	11.41
363	597733.95	4142148.42	Workers	9.41
364	597730.26	4142159.50	Workers	9.44
365	597722.87	4142171.80	Workers	9.44
366	597716.11	4142188.41	Workers	9.46
367	597706.26	4142184.10	Workers	9.49
368	597706.26	4142171.80	Workers	9.49

Receptor Pathway

AERMOD

369	597712.42	4142158.88	Workers	9.49
370	597719.18	4142141.65	Workers	9.47
371	597713.65	4142135.50	Workers	9.48
372	597705.65	4142149.65	Workers	9.49
373	597702.57	4142160.11	Workers	9.49
374	597697.03	4142176.11	Workers	9.49
375	597684.11	4142169.95	Workers	9.52
376	597689.04	4142160.73	Workers	9.51
377	597696.42	4142147.19	Workers	9.52
378	597702.57	4142134.27	Workers	9.51
379	597695.80	4142128.12	Workers	9.49
380	597692.73	4142141.65	Workers	9.54
381	597684.11	4142151.50	Workers	9.54
382	597677.35	4142165.65	Workers	9.55
383	597663.20	4142163.19	Workers	9.26
384	597667.50	4142150.27	Workers	9.14
385	597673.66	4142136.73	Workers	9.16
386	597680.42	4142121.35	Workers	9.29
387	597673.04	4142117.66	Workers	9.24
388	597666.27	4142137.96	Workers	8.88
389	597663.81	4142147.81	Workers	8.95
390	597659.50	4142158.26	Workers	9.06
391	597645.35	4142157.03	Workers	9.19
392	597653.35	4142144.73	Workers	8.60
393	597661.97	4142124.43	Workers	8.84
394	597666.27	4142113.35	Workers	9.37
395	597661.35	4142109.66	Workers	9.39
396	597657.04	4142122.58	Workers	8.94
397	597652.74	4142135.50	Workers	8.39
398	597644.74	4142149.04	Workers	8.95
399	597642.28	4142155.80	Workers	9.31
400	597697.03	4142232.09	Workers	8.84
401	597680.42	4142230.25	Workers	8.89
402	597669.35	4142222.25	Workers	8.88
403	597653.35	4142215.48	Workers	8.88
404	597643.51	4142208.71	Workers	8.84
405	597649.05	4142224.10	Workers	8.89
406	597659.50	4142230.25	Workers	8.91

Receptor Pathway

AERMOD

407	597671.81	4142235.17	Workers	8.89
408	597687.19	4142239.48	Workers	8.91
409	597687.81	4142251.78	Workers	8.90
410	597673.66	4142245.01	Workers	8.90
411	598448.19	4142017.94	Workers	16.68
412	598452.96	4141999.74	Workers	16.60
413	598457.62	4141982.43	Workers	16.34
414	597965.95	4142098.36	Workers	10.91
415	597939.91	4142103.37	Workers	10.88
416	597954.93	4142111.39	Workers	10.88
417	597966.96	4142119.40	Workers	10.89
418	597962.95	4142135.43	Workers	10.97
419	597940.91	4142129.42	Workers	10.94
420	597929.89	4142122.41	Workers	10.89
421	597923.88	4142136.43	Workers	10.93
422	597943.91	4142144.45	Workers	11.00
423	597950.93	4142163.48	Workers	10.92
424	597926.88	4142155.47	Workers	10.88
425	597916.86	4142148.46	Workers	10.86
426	597909.85	4142169.49	Workers	10.94
427	597931.89	4142181.52	Workers	11.15
428	597928.89	4142195.54	Workers	10.92
429	597903.84	4142185.52	Workers	10.92
430	597904.84	4142207.57	Workers	10.98
431	597908.85	4142224.60	Workers	11.26
432	597882.80	4142215.58	Workers	11.03
433	597859.76	4142206.56	Workers	10.38
434	597834.71	4142197.55	Workers	11.05
435	597812.67	4142191.54	Workers	11.30
436	597805.66	4142205.56	Workers	11.23
437	597832.71	4142213.58	Workers	11.25
438	597850.74	4142223.59	Workers	10.82
439	597870.78	4142227.60	Workers	11.15
440	597898.83	4142242.63	Workers	11.41
441	597870.78	4142253.65	Workers	11.51
442	597853.75	4142241.63	Workers	11.07
443	597824.69	4142227.60	Workers	11.46
444	597804.66	4142224.60	Workers	11.29

Receptor Pathway

AERMOD

445	598494.93	4141850.91	Workers	18.28
446	598515.97	4141856.92	Workers	18.32
447	598532.00	4141863.93	Workers	18.40
448	598547.03	4141867.94	Workers	18.74
449	598576.08	4141906.01	Workers	19.17
450	598568.07	4141929.05	Workers	19.31
451	598597.12	4141836.88	Workers	20.21
452	598606.14	4141805.82	Workers	19.77
453	598610.15	4141777.77	Workers	19.71
454	598619.16	4141755.73	Workers	19.78
455	598627.18	4141726.68	Workers	19.67
456	598638.20	4141768.75	Workers	20.14
457	598629.18	4141804.82	Workers	20.08
458	598619.16	4141835.88	Workers	20.32
459	597931.95	4142182.87	Workers	11.13
460	597630.21	4142000.18	Resident	8.52
461	597614.89	4141989.57	Resident	9.71
462	597596.03	4141984.86	Resident	9.70
463	597616.07	4142023.75	Resident	9.09
464	597603.10	4142010.79	Resident	9.79
465	597588.96	4142006.08	Resident	9.76
466	597566.57	4141995.47	Resident	9.64
467	597561.85	4142017.86	Resident	9.72
468	597574.82	4142028.47	Resident	9.73
469	597596.03	4142035.54	Resident	9.75
470	597607.82	4142036.72	Resident	9.49
471	597593.68	4142057.94	Resident	9.65
472	597587.78	4142052.04	Resident	9.75
473	597576.00	4142042.61	Resident	9.71
474	598274.94	4141551.11	Resident	15.20
475	598279.65	4141538.15	Resident	15.29
476	598279.65	4141525.18	Resident	15.31
477	598264.33	4141519.29	Resident	15.43
478	598259.62	4141534.61	Resident	15.37
479	598256.08	4141545.22	Resident	15.37
480	598227.79	4141539.33	Resident	15.28
481	598231.33	4141525.18	Resident	15.35
482	598238.40	4141512.22	Resident	15.46

Receptor Pathway

AERMOD

483	598216.01	4141507.50	Resident	15.30
484	598214.83	4141525.18	Resident	15.18
485	598207.75	4141539.33	Resident	15.16
486	598187.72	4141532.26	Resident	15.27
487	598187.72	4141516.93	Resident	15.24
488	598198.33	4141496.90	Resident	15.43
489	598164.14	4141505.15	Resident	15.15
490	598157.07	4141529.90	Resident	14.96
491	598170.04	4141496.90	Resident	15.23
492	598172.39	4141486.29	Resident	15.33
493	598180.65	4141465.07	Resident	15.25
494	598199.50	4141474.50	Resident	15.70
495	598216.01	4141482.75	Resident	15.76
496	598231.33	4141487.47	Resident	15.69
497	598245.47	4141489.82	Resident	15.85
498	598266.69	4141496.90	Resident	15.89
499	598282.01	4141498.07	Resident	15.90
500	598134.68	4141525.18	Resident	14.86
501	598137.04	4141511.04	Resident	14.87
502	598144.11	4141492.18	Resident	14.96
503	598147.64	4141480.39	Resident	15.02
504	598127.61	4141468.61	Resident	14.77
505	598122.89	4141486.29	Resident	14.76
506	598122.89	4141500.43	Resident	14.68
507	598113.46	4141526.36	Resident	14.53
508	598100.50	4141514.58	Resident	14.58
509	598102.85	4141495.72	Resident	14.62
510	598109.93	4141478.04	Resident	14.72
511	598112.28	4141465.07	Resident	14.71
512	598095.78	4141461.54	Resident	14.71
513	598085.17	4141481.57	Resident	14.63
514	598080.46	4141501.61	Resident	14.55
515	598078.10	4141514.58	Resident	14.45
516	598053.35	4141505.15	Resident	14.70
517	598059.24	4141491.00	Resident	14.71
518	598063.96	4141475.68	Resident	14.69
519	598069.85	4141459.18	Resident	14.59
520	598050.99	4141455.64	Resident	14.81

Receptor Pathway

AERMOD

521	598041.56	4141476.86	Resident	14.77
522	598033.31	4141496.90	Resident	14.65
523	598030.96	4141505.15	Resident	14.61
524	597997.95	4141495.72	Resident	14.65
525	598003.85	4141483.93	Resident	14.59
526	598012.10	4141465.07	Resident	14.60
527	598019.17	4141450.93	Resident	14.56
528	598003.85	4141447.39	Resident	14.61
529	597989.70	4141462.72	Resident	14.62
530	597986.17	4141486.29	Resident	14.60
531	597982.63	4141492.18	Resident	14.53
532	597963.77	4141486.29	Resident	14.58
533	597966.13	4141470.97	Resident	14.75
534	597972.02	4141458.00	Resident	14.63
535	597976.74	4141445.04	Resident	14.68
536	598121.06	4141441.43	Resident	15.04
537	598113.51	4141438.32	Resident	14.89
538	598115.28	4141430.32	Resident	14.86
539	598122.40	4141432.54	Resident	15.00
540	598125.51	4141420.54	Resident	15.06
541	598118.40	4141416.98	Resident	14.93
542	598122.84	4141393.42	Resident	14.94
543	598132.18	4141393.87	Resident	15.05
544	598134.84	4141385.87	Resident	15.03
545	598125.06	4141383.64	Resident	14.90
546	598127.73	4141376.53	Resident	14.92
547	598137.51	4141378.31	Resident	15.02
548	598091.28	4141433.43	Resident	14.66
549	598089.50	4141426.32	Resident	14.59
550	598079.72	4141428.99	Resident	14.59
551	598080.61	4141418.32	Resident	14.52
552	598067.27	4141426.32	Resident	14.56
553	598067.27	4141416.98	Resident	14.48
554	598059.27	4141423.65	Resident	14.54
555	598059.27	4141416.98	Resident	14.46
556	598050.83	4141421.87	Resident	14.52
557	598051.27	4141409.43	Resident	14.38
558	598035.71	4141418.32	Resident	14.36

Receptor Pathway

AERMOD

559	598037.05	4141409.87	Resident	14.28
560	598028.15	4141417.43	Resident	14.33
561	598028.60	4141408.98	Resident	14.25
562	598017.04	4141413.87	Resident	14.29
563	598017.49	4141408.09	Resident	14.24
564	598007.71	4141416.10	Resident	14.33
565	598008.59	4141404.09	Resident	14.18
566	597998.81	4141412.09	Resident	14.29
567	598000.59	4141404.09	Resident	14.17
568	598001.93	4141389.42	Resident	14.33
569	598006.82	4141373.42	Resident	14.42
570	598008.59	4141388.53	Resident	14.36
571	598010.82	4141381.87	Resident	14.45
572	598018.37	4141392.09	Resident	14.36
573	598020.15	4141382.76	Resident	14.45
574	598028.15	4141392.98	Resident	14.40
575	598028.60	4141384.53	Resident	14.46
576	598039.27	4141397.87	Resident	14.42
577	598040.60	4141389.42	Resident	14.52
578	598058.83	4141400.54	Resident	14.59
579	598059.27	4141394.31	Resident	14.67
580	598068.16	4141401.43	Resident	14.63
581	598068.16	4141389.42	Resident	14.74
582	598076.61	4141401.87	Resident	14.68
583	598075.72	4141393.87	Resident	14.73
584	598085.06	4141406.76	Resident	14.66
585	598085.06	4141397.87	Resident	14.74
586	598094.39	4141408.54	Resident	14.70
587	598098.39	4141398.31	Resident	14.81
588	598101.95	4141385.42	Resident	14.75
589	598103.28	4141374.75	Resident	14.71
590	598092.61	4141383.64	Resident	14.71
591	598093.06	4141372.53	Resident	14.65
592	598081.50	4141384.53	Resident	14.71
593	598081.94	4141372.09	Resident	14.59
594	598070.39	4141380.09	Resident	14.68
595	598070.83	4141371.64	Resident	14.55
596	598055.27	4141376.98	Resident	14.59

Receptor Pathway

AERMOD

597	598058.83	4141367.64	Resident	14.52
598	598046.38	4141375.64	Resident	14.49
599	598047.27	4141366.75	Resident	14.43
600	598038.82	4141372.53	Resident	14.43
601	598039.71	4141366.75	Resident	14.39
602	598030.82	4141371.20	Resident	14.42
603	598023.71	4141368.53	Resident	14.39
604	598009.48	4141369.42	Resident	14.42
605	598313.99	4141456.55	Resident	17.37
606	598315.33	4141447.21	Resident	17.41
607	598316.22	4141438.77	Resident	17.35
608	598317.55	4141432.10	Resident	17.29
609	598318.44	4141421.87	Resident	17.13
610	598338.89	4141424.10	Resident	17.29
611	598338.00	4141436.10	Resident	17.39
612	598336.66	4141444.99	Resident	17.49
613	598334.44	4141452.99	Resident	17.51
614	598333.55	4141459.22	Resident	17.47
615	598346.44	4141464.11	Resident	17.73
616	598353.56	4141452.99	Resident	17.62
617	598353.11	4141449.88	Resident	17.61
618	598353.56	4141441.88	Resident	17.56
619	598355.78	4141430.32	Resident	17.48
620	598380.67	4141433.43	Resident	17.56
621	598374.01	4141443.21	Resident	17.62
622	598372.23	4141453.44	Resident	17.66
623	598369.56	4141459.66	Resident	17.67
624	598368.23	4141466.33	Resident	17.71
625	598386.90	4141469.88	Resident	17.92
626	598385.12	4141461.88	Resident	17.89
627	598390.45	4141456.10	Resident	17.82
628	598390.90	4141449.44	Resident	17.76
629	598391.34	4141439.66	Resident	17.66
630	598429.57	4141445.88	Resident	17.85
631	598428.24	4141456.10	Resident	17.97
632	598428.24	4141462.33	Resident	17.98
633	598423.79	4141471.66	Resident	18.04
634	598424.24	4141479.22	Resident	18.04

Receptor Pathway

AERMOD

635	598318.88	4141406.76	Resident	17.09
636	598322.44	4141406.76	Resident	17.15
637	598328.66	4141408.09	Resident	17.19
638	598336.66	4141408.54	Resident	17.26
639	598344.22	4141411.21	Resident	17.36
640	598351.33	4141412.98	Resident	17.42
641	598360.67	4141413.43	Resident	17.47
642	598364.67	4141417.43	Resident	17.48
643	598374.89	4141417.43	Resident	17.52
644	598379.78	4141421.87	Resident	17.54
645	598390.90	4141421.87	Resident	17.61
646	598401.57	4141427.65	Resident	17.66
647	598407.79	4141429.88	Resident	17.74
648	598018.82	4141497.45	Resident	14.60
649	598019.26	4141485.00	Resident	14.61
650	598022.82	4141473.00	Resident	14.67
651	598029.04	4141455.21	Resident	14.70
652	598045.05	4141464.99	Resident	14.84
653	598038.38	4141488.56	Resident	14.70
654	597990.37	4141474.33	Resident	14.64
655	597993.04	4141452.10	Resident	14.62
656	598159.74	4141518.34	Resident	15.10
657	598188.63	4141508.12	Resident	15.27
658	598253.98	4141492.11	Resident	15.90
659	598078.83	4141463.22	Resident	14.61
660	598074.83	4141478.33	Resident	14.65
661	598069.50	4141495.67	Resident	14.67
662	598065.05	4141511.23	Resident	14.64
663	598232.76	4141990.39	Workers	15.86
664	598267.43	4142015.66	Workers	15.69
665	598273.31	4142004.50	Workers	15.45
666	598289.77	4141986.28	Workers	15.27
667	598297.41	4141974.52	Workers	15.28
668	598309.16	4141958.07	Workers	15.19
669	598324.44	4141943.97	Workers	15.42
670	598339.13	4141929.27	Workers	15.93
671	598250.84	4142003.35	Workers	16.13
672	597753.57	4141535.07	Workers	10.40

Receptor Pathway

AERMOD

673	597768.25	4141502.05	Workers	10.44
674	598371.38	4142045.30	Workers	16.36
675	598375.50	4142026.48	Workers	16.37

Plant Boundary Receptors

Receptor Groups

Record Number	Group ID	Group Description
1	Workers	Workers
2	Resident	Residents

Meteorology Pathway

AERMOD

Met Input Data

Surface Met Data

Filename: ..\MET data\SANJOSE13_17.SFC

Format Type: Default AERMET format

Profile Met Data

Filename: ..\MET data\SANJOSE13_17.PFL

Format Type: Default AERMET format

Wind Speed



Wind Speeds are Vector Mean (Not Scalar Means)

Wind Direction

Rotation Adjustment [deg]:

Potential Temperature Profile

Base Elevation above MSL (for Primary Met Tower): 15.50 [m]

Meteorological Station Data

Stations	Station No.	Year	X Coordinate [m]	Y Coordinate [m]	Station Name
Surface		2013			
Upper Air		2013			OAKLAND/WSO AP

Data Period

Data Period to Process

Start Date: 1/1/2013

Start Hour: 1

End Date: 12/31/2017

End Hour: 24

Wind Speed Categories

Stability Category	Wind Speed [m/s]	Stability Category	Wind Speed [m/s]
A	1.54	D	8.23
B	3.09	E	10.8
C	5.14	F	No Upper Bound

Output Pathway

AERMOD

Tabular Printed Outputs

Short Term Averaging Period	RECTABLE Highest Values Table										MAXTABLE Maximum Values Table	DAYTABLE Daily Values Table
	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th		
1												No

Contour Plot Files (PLOTFILE)

Path for PLOTFILES: ConHRA2.AD

Averaging Period	Source Group ID	High Value	File Name
Period	DPM		DPM_PE.PLT
Period	PM25		PM25_PE.PLT

Results Summary

1000 Gibraltar Warehouse
DPM Construction HRA

PM10 - Concentration - Source Group: DPM

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.01599	ug/m^3	597965.95	4142098.36	10.91	0.00	10.91	

PM10 - Concentration - Source Group: PM25

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.03698	ug/m^3	597965.95	4142098.36	10.91	0.00	10.91	

HEALTH RISK ASSESSMENT CALCULATIONS

1000 Gibraltar Warehouse Project

The health risk assessment (HRA) was conducted utilizing the American Meteorological Society/United States Environmental Protection Agency (EPA) Regulatory Model (AERMOD) (Version 24142 and ARB's Hot Spots Analysis and Reporting Program Version 2 (HARP2) Version 2 (22188 dated April 28, 2022) to automatically calculate risks for the projects using OEHHA promulgated cancer potency and reference exposure levels (RELs). HARP2 is the recommended model for calculating and presenting HRA results because it follows the district's risk assessment guidance methodology and is consistent with the Bay Area Air Quality Management District (Bay Area Air District)'s Regulation 2-5. Since AERMOD was run with project emission rates to directly calculate potential DPM and PM_{2.5} concentrations, the Health Risk Assessment Standalone Tool (RAST) version of HARP2 was used.

The HRA follows the Bay Area Air District's CEQA Guidelines based on OEHHA 2015 AB2588 Hot Spots Guidance. This risk assessment intake methodology addresses children's greater sensitivity and health impacts from early exposure to carcinogenic compounds. The chemical intake or dose describing the frequency and duration of the exposure is estimated using receptor's breathing rates, exposure duration, and exposure frequency. The calculations include the use of age-specific weighting factors, breathing rates, fraction of time at home, and reduced exposure durations.

The dispersion and exposure modeling is described below, including a summary of the HARP2 HRA inputs and cancer and noncancer risk results for selected for each receptor group (i.e., resident, off-site worker, and student).

AERMOD Inputs — The AERMOD software was utilized to predict the ground level concentrations resulting from the emissions of Diesel Particulate Matter (DPM) (represented as PM₁₀ exhaust) and total PM_{2.5} from associated with construction activities. The modeling utilized Urban dispersion coefficients and Bay Area Air District-provided meteorological data from the San José Mineta International Airport meteorological station (KSJC) from 2013 – 2017. The modeling included both emissions generated at the project site and those generated along the anticipated haul roads within approximately 1,000 feet of the site boundary. Diesel particulate emissions are characterized by an area source with a height of 5 meters to account for the height of the construction exhaust from the off-road equipment. Roadway emissions were modeled as line-volume sources or adjacent volume sources. PM_{2.5} emissions were modeled similarly, per the Bay Area Air District guidance which permits PM_{2.5} Dust to be modeled along with PM_{2.5} Exhaust.

Emissions were modeled only during the hours of 8 AM – 5 PM (with a one-hour break for lunch) Monday to Friday. DPM Emission rates were obtained from CalEEMod using emissions from PM₁₀ exhaust from diesel vehicles and off-road construction equipment exhaust. PM_{2.5} emissions were calculated for the maximum annual period (first year of construction) and includes PM_{2.5} from off-road construction equipment exhaust, material handling as well as on-road exhaust, brake and tire wear, and re-entrained road dust.

Age Sensitivity Factors – Studies have shown that young animals are more sensitive than adult animals to exposure to many carcinogens.¹ Therefore, OEHHA developed age sensitivity factors (ASFs) to account for the increased sensitivity to carcinogens during early-in-life exposures. Accordingly, the cancer risk methodology applies different ASFs by age groups. The ASFs utilized a 10-fold multiplier in sensitivity for the third trimester and infants less than age 2, a 3-fold increase in sensitivity for children ages 2 to 16 years old, and a sensitivity factor of 1 for ages 16 and older.

Daily breathing rates (age-specific daily air intake) – For residential receptors, the HRA utilizes the 95th percentile breathing rates for the most sensitive age groups (less than 2 years of age) and 80th percentile for all other age groups. This approach jointly developed by ARB and CAPCOA² and adopted by the Bay Area Air District³ is referred to as the “Risk Management Policy” and was developed to consider the new science in risk assessment while providing a reasonable estimate of potential cancer risk for risk management decisions and used in this HRA. The HRA uses 95th percentile 8-hour breathing rates for moderate intensity activities for worker and student exposure.⁴

Time at home – The time at home applies only applies to residential receptors. Residents are assumed to be at home 350 days per year, which assumes individuals are away for approximately 2 weeks of vacation. The fraction of time at home refers to the estimated amount of time residents stay at home during these 350 days. The HRA uses the OEHHA and BAAQMD recommended values of 73 percent time at home for 16-year-olds and above based on population and activity statistics. The HRA also assumes 100 percent time at home for receptors under age 16 to address exposures at local schools close to emitting sources. Even though infants and children may not be at their residence all the time, they are likely to remain in the neighborhood (at schools or neighbors) and would be exposed to similar levels of the pollutants.

Exposure Duration - OEHHA 2015 guidelines specify a 30-year residential exposure duration for estimating cancer risk at the maximum exposed individual resident (MEIR). This is based on studies showing that 30 years is a reasonable estimate of the 90th to 95th percentile of residency duration in the population. A 25-year standard exposure duration is the default to estimate cancer risk for off-site workers. However, risk assessors can use other exposure durations with proper justification and documentation. For example, short-term projects (e.g., construction projects) can now be evaluated for as short a duration as 6 months. The risks for the proposed project were assessed for the construction

¹ Office of Environmental Health Hazard Assessment (OEHHA). 2009. Technical Support Document for Cancer Potency Factors 200. June 2009, http://www.oehha.ca.gov/air/hot_spots/tsd052909.html Accessed August 1, 2025

² California Air Resources Board (ARB) and California Air Pollution Control Officers Association (CAPCOA). 2015. Risk Management Guidance for Stationary Sources of Air Toxics. July 23. Website: <https://ww2.arb.ca.gov/sites/default/files/classic/toxics/rma/rmgssat.pdf>. Accessed April 8, 2025.

³ Bay Area Air Quality Management District (BAAQMD). 2022. California Environmental Quality Act – Air Quality Guidelines Appendix E: Recommended Methods for Screening and Modeling Local Risks and Hazards. Website: https://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa-guidelines-2022/appendix-e-recommended-methods-for-screening-and-modeling-local-risks-and-hazards_final-pdf.pdf?rev=b8917a27345a4a629fc18fc8650951e4&sc_lang=en. Accessed April 8, 2025.

⁴ Office of Environmental Health Hazard Assessment (OEHHA). 2015. The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments. Website: <https://oehha.ca.gov/media/downloads/crn/2015guidancemanual.pdf>. Accessed April 8, 2025.

period from September 2025 to November 2026 over a construction schedule of 326 working days or 1.25 calendar years.

Residential Cancer Risk

Cancer risk for individual resident receptors exposed to DPM were calculated utilizing the “Risk Management Policy” option for inhalation, specifying that residents spend 100 percent time at home for ages less than 16 years old. Consistent with OEHHA guidance, the start of residential exposure was assumed to occur in the third trimester (-0.25 years) to accommodate the increased susceptibility of exposures in early life. As per OEHHA and the Bay Area Air District guidelines, the residential exposure starts with the unborn child at the third trimester or -0.25 years (when construction begins) and continues until the child is 1 years of age. Because there are no significant sources of TAC emissions during operations, the exposure assessment is limited to the duration of the proposed project construction or 1.25 years.

Residential receptors included the nearest residences to the project site in all directions within the 1,000-foot zone from the project site.

Worker Cancer Risk

Cancer risk was calculated for the maximum impacted off-site worker based on the maximum DPM concentration at identified off-site receptors. HARP utilizes 8-hour breathing rates for moderate intensity activities of 240 L/kg-8 hrs (applicable to 16–30-year adults) to calculate the daily dose via the inhalation route to the worker. The analysis assumes a start age of 16 years and an exposure duration equivalent to the construction duration of 1.25 years.

The WAF is used to adjust the AERMOD estimated long-term concentration such that it is based only on the hours when the worker is present. For this project, assuming the emitting source and worker’s schedules are the same, the adjustment factor is $4.2 = (24 \text{ hours per day} / 8 \text{ hours per shift}) \times (7 \text{ days in a week} / 5 \text{ days in a work week})$.

Noncancer Chronic Health Risks

The potential non-cancer health impacts resulting from exposure to toxic substances usually lasting from one year to a lifetime. The total hazard index includes the sum of hazard indices for pollutants with non-cancer health effects that have the same or similar adverse health effects (endpoints). A chronic hazard index is calculated by dividing the annual average concentration of a toxic pollutant by the chronic reference exposure level for that pollutant.⁵ Accordingly, the chronic non-cancer health index is derived by dividing the DPM concentration by the chronic REL of $5\mu\text{g}/\text{m}^3$.⁶

HARP2 Inputs and Results

⁵ California Air Resources Board. 2025. Emission Inventory and Risk Glossary. Website: <https://ww2.arb.ca.gov/emission-inventory-and-risk-glossary-0>. Accessed August 4, 2025.

⁶ Office of Environmental Health Hazard Assessment (OEHHA). 2025. Chemicals – Diesel Exhaust Particulate. Website: <https://oehha.ca.gov/chemicals/diesel-exhaust-particulate>. Accessed August 4, 2025.

HARP2 Output files are included to document the HRA exposure parameters and risk results.

HARP2 inputs and results are included for the following receptor/exposure scenarios for the Unmitigated emissions:

- Residential Cancer Risk – Maximum Exposed Individual Resident (MEIR)
- Worker Cancer Risk – Maximum Exposed Individual Worker (MEIW)

1000 Gibraltar Warehouse Project

Health Risk Summary of HARP2 Results

Resident Risks - DPM

Maximum Risk	RISK_SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
	8.64E-07	0.86433	0.000972	0

Maximally Exposed Individual Receptor

	X	Y
MEI UTM	598274.94	4141551.11

HARP File Name

*HARP - HRACalc v22118 7/16/2025 2:09:51 PM - Cancer Risk - Input File: F:\Jobs\18980015\ConHRA2\HARP2\MEIRHRAInput.hra

RECEPTOR	X	Y	CONC	RISK_SUM	SCENARIO	CHRONIC HI
1	598274.94	4141551.11	0.00486	8.64E-07	1YrCancerDerived_Inh_FAH16to70	0.000972

GLCs loaded successfully
Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

PATHWAYS ENABLED

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

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

INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

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

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk saved to: F:\Jobs\18980015\ConHRA2\HARP2\MEIRCancerRisk.csv
HRA ran successfully

1000 Gibraltar Warehouse Project

Health Risk Summary of HARP2 Results

Worker Risks - DPM

Maximum Risk	RISK_SUM	Cancer Risk/million	MAXHI NonCancer Chronic	MAXHI Acute
	2.17E-07	0.21685	0.003198	0

Maximally Exposed Individual Receptor

	X	Y
MEI UTM	597965.95	4142098.36

HARP File Name

*HARP - HRACalc v22118 7/16/2025 2:19:09 PM - Cancer Risk - Input File: F:\Jobs\18980015\ConHRA2\HARP2\MEIWHRAInput.hra

RECEPTOR	X	Y	CONC	RISK_SUM	SCENARIO	CHRONIC HI
1	597965.95	4142098.36	0.01599	2.17E-07	1.25YrCancerHighEnd_Inh	0.003198

GLCs loaded successfully
Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: Cancer
Calculation Method: HighEnd

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1.25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1.25
16 to 70 Years Bin: 0

PATHWAYS ENABLED

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

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

INHALATION

Daily breathing rate: Moderate8HR

****Worker Adjustment Factors****
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 4.2
Exposure frequency: 250

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

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed |
Calculating cancer risk
Cancer risk saved to: F:\Jobs\18980015\ConHRA2\HARP2\MEIWCancerRisk.csv
HRA ran successfully

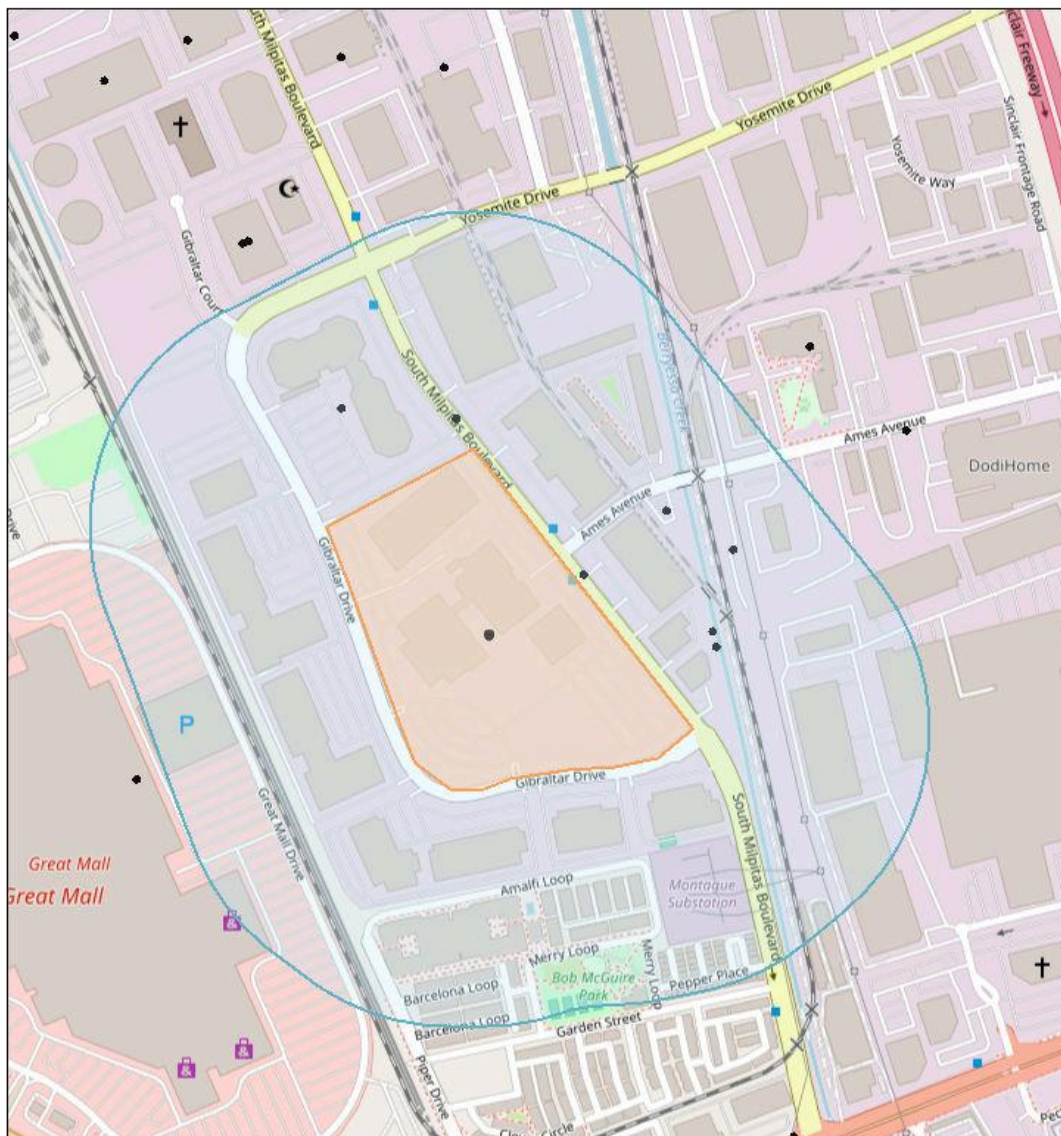


Screening Report

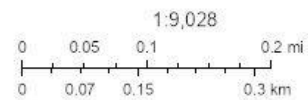
Area of Interest (AOI) Information

Area : 8,932,752.8 ft²

Jul 18 2025 11:47:37 Pacific Daylight Time



- Permitted Stationary Sources



Map data © OpenStreetMap contributors, CC-BY-SA

Summary

Name	Count	Area(ft ²)	Length(ft)
Permitted Stationary Sources	7	N/A	N/A

Permitted Stationary Sources

#	Address	Cancer_Ris	Chronic_Ha	City	County
1	847 Gibraltar Drive	1.03	0.00	Milpitas	Santa Clara
2	963 Ames Avenue	0.00	0.01	Milpitas	Santa Clara
3	960 Ames Avenue	0.00	0.01	Milpitas	Santa Clara
4	954 So Milpitas Blvd	0.02	0.00	Milpitas	Santa Clara
5	1010 So Milpitas Blvd	0.00	0.00	Milpitas	Santa Clara
6	930 Ames Ave	0.06	0.00	Milpitas	Santa Clara
7	800 Ames Ave	2.31	0.01	Milpitas	Santa Clara

#	Details	Facility_I	Facility_N	Latitude	Longitude
1	No Data	7441	Flex	37.42	-121.89
2	No Data	3156	Quality Transformer & Electronics	37.42	-121.89
3	No Data	18388	Evoqua Water Technologies	37.42	-121.89
4	No Data	19840	Universal Industrial Finishing	37.42	-121.89
5	No Data	21180	Eco Office Inc	37.42	-121.89
6	Gas Dispensing Facility	109668-1	Balch Petroleum	37.42	-121.89
7	Gas Dispensing Facility	110788-1	Flyers #401	37.42	-121.89

#	NAICS	NAICS_Indu	NAICS_Sect	NAICS_Subs	PM25
1	334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	Manufacturing	Computer and Electronic Product Manufacturing	0.02
2	335311	Power, Distribution, and Specialty Transformer Manufacturing	Manufacturing	Electrical Equipment, Appliance, and Component Manufacturing	0.00
3	312229	Other Tobacco Product Manufacturing	Manufacturing	Beverage and Tobacco Product Manufacturing	0.12
4	332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers	Manufacturing	Fabricated Metal Product Manufacturing	0.00
5	811420	Reupholstery and Furniture Repair	Other Services (except Public Administration)	Repair and Maintenance	0.00
6	447110	Gasoline Stations with Convenience Stores	Retail Trade	Gasoline Stations	0.00
7	424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	Wholesale Trade	Merchant Wholesalers, Nondurable Goods	0.00

#	State	Zip	Count
1	CA	95035	1
2	CA	95035	1
3	CA	95035	1
4	CA	95035	1
5	CA	95035	1
6	CA	95035	1
7	CA	95035	1

NOTE: A larger buffer than 1,000 may be warranted depending on proximity to significant sources.

1000 Gibraltar Warehouse

Cumulative Health Risks from Roads and Rails

UTMX	UTMY	Road Cancer Risk	Road Chronic HI	Road PM2.5	Rail Cancer Risk
597966	4142098	5.724932671	0.017351089	0.121391229	0.340768605

Data Provided By: BAAQMD as raster file (.tif) datasets

Roadway Screening Tool - Cancer Risk Last Updated December 8 2022

Roadway Screening Tool - Chronic Hazard Last Updated December 8 2022

Roadway Screening Tool - PM2.5 Last Updated December 8 2022

Rail Screening Tool - Cancer Risk Last Updated January 30 2023

Rail Screening Tool - Chronic Hazard Last Updated January 30 2023

Rail Screening Tool - PM2.5 Last Updated January 30 2023

Rail Chronic HI	Rail PM2.5
9.15E-05	0.000430136



Climate Action Plan Consistency Review Checklist

Introduction

The City of Milpitas (City) adopted a Climate Action Plan Update (CAP Update) in 2022. The CAP Update outlines strategies and measures that the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emissions reduction targets. The purpose of the CAP Consistency Checklist (Checklist), in conjunction with the CAP Update, is to provide a streamlined review process for all proposed development projects that are subject to discretionary review and/or trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

Analysis of GHG emissions and potential climate change impacts from new development is required under CEQA. The City's CAP Update is a qualified GHG emissions reduction plan in accordance with State CEQA Guidelines Section 15183.5. Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the CAP Update.

The purpose of this Checklist is to implement GHG reduction measures from the CAP Update that apply to new discretionary development projects. New development that demonstrates consistency with relevant CAP Update strategies and the City's General Plan 2040 and would not conflict with the City's ability to achieve the identified GHG reduction targets through implementation of applicable measures. Projects that are consistent with the CAP Update, as determined through the use of this Checklist, may rely on the CAP Update and its associated CEQA documentation for the cumulative impact analysis of GHG emissions. Projects that are not consistent with the CAP Update must prepare a comprehensive project-specific analysis of GHG emissions, including quantification of existing and projected GHG emissions and incorporation of the measures in this Checklist to the extent feasible. Projects that are unable to meet the requirements of this Checklist should look to alternative compliance approaches to GHG analyses using the Bay Area Air Quality Management District's CEQA Guidelines. Cumulative GHG impacts would be significant for any project that is not consistent with the CAP Update.

This Checklist may be updated periodically to incorporate new GHG reduction techniques or to comply with later amendments to the CAP Update or local, State, or federal law. Comprehensive updates to this Checklist will be coordinated with each subsequent CAP update. Administrative updates to the Checklist may occur regularly, as necessary for the purpose of keeping the Checklist up-to-date and implementable.

Applicability and Procedures

This Checklist is required only for discretionary projects¹ that are subject to and not exempt from CEQA. Projects that are exempt from CEQA are deemed to be consistent with the City's CAP Update, and no further review is necessary, with the exception of a Class 32 "In-Fill Development Projects" categorical exemption (State CEQA Guidelines Section 15332), for which projects are required to demonstrate consistency with the CAP Update through this Checklist.

General procedures for Checklist compliance and review are described below. Specific guidance is also provided under each of the questions in the Checklist.

- Project applicant completes the Checklist and submits to the City's Planning Department as part of the project's conditions of approval. Refer to the City's [Development Review Handbook](#) for details on the development review process.
- The City's Planning Department, Building Safety & Housing Department, and Public Works Department review the Checklist and make determinations regarding environmental review requirements under CEQA.
- The specific applicable requirements outlined in the Checklist shall be required as conditions of project approval.
- The project applicant must provide written documentation and supporting evidence that demonstrate how the proposed project would implement each applicable Checklist requirement described herein to the satisfaction of the Planning Department, Building Safety & Housing Department, and Public Works Department.
- If a measure is deemed not applicable for reasons other than those outlined in each question or if an exemption does not apply, supporting evidence will need to be provided by the project applicant and would be subject to Planning Department approval. A project may be determined to be inconsistent with the CAP Update if lack of compliance is deemed to be not supported by credible evidence.
- Development projects requiring discretionary review that cannot demonstrate consistency with the CAP Update using this Checklist shall prepare a separate, project-level GHG analysis as part of the CEQA document prepared for the project.

¹ In this context, a project is any action that meets the definition of a "Project" in Section 15378 of the State CEQA Guidelines.

Application Information

Contact Information

Project Name: SSD-SSJ1 - Milpitas

Property Address and APN: 1000 Gibraltar Dr. Milpitas, CA 95035 (APN: 086-42-33)

Applicant Name and Co.: CDP Development, Inc. - Todd Chandler

Contact Phone: 916-379-3105 Contact Email: tchandler@panattoni.com

Was a consultant retained to complete this checklist? ☐ Yes ☒ No
If Yes, complete the following:

Consultant Name: _____ Contact Phone: _____

Company Name: _____ Contact Email: _____

Project Information

1. What is the size of the project site (gross acres)? 1,261,301 sq.ft.
2. What are the existing General Plan/zoning designation(s) for the project site (as stated in the Milpitas General Plan 2040)? General Plan: MFG - Manufacturing Zone: M2 - Heavy Industrial District
2. Identify all applicable proposed land uses:
 - ☐ Residential (indicate # of single-family dwelling units): _____
 - ☐ Residential (indicate # of multi-family dwelling units): _____
 - ☐ Commercial (indicate total square footage): _____
 - ☒ Industrial (indicate total square footage): 1,261,301 sq.ft.
 - ☐ Other (describe): _____

3. Provide a description of the project proposed. This description should match the basic project description used for the CEQA document. The description may be attached to the Checklist if there are space constraints.

The proposed project would involve an addendum to the certified EIR for a 491,040-square foot warehouse on 1000 Gibraltar Drive in Milpitas, CA to develop a 487,564 square foot same-day fulfillment center and 7,844 square foot office at the same project site.

General Plan Land Use Consistency

The first step in determining CAP Update consistency for a discretionary development project is to assess the project's consistency with the land use assumptions in the Milpitas General Plan 2040 and zoning designations, which were used to calculate the future GHG emissions forecasts and targets for the CAP Update. If the proposed project is consistent with applicable General Plan and zoning designations, the proposed project may be determined to be within the scope of emissions covered under the CAP Update.

If the project is not consistent with the Milpitas General Plan 2040 and zoning designations, it is possible that the land use changes required for the project could still be consistent with the growth projections used in the CAP Update depending upon the level of proposed changes. The questions below must be completed, as applicable, to determine whether the project is consistent with the City's General Plan 2040 and zoning designations and related GHG emissions forecasts and targets.

General Plan Land Use Consistency		
Checklist Item (Check the appropriate box and provide an explanation and supporting documentation for your answer)	Yes	No
1. Are the proposed land uses in the project consistent with the Milpitas General Plan 2040 land use and zoning designations? If "Yes" is selected, please skip to the CAP Measures Consistency section of the checklist. If "No" is selected, please proceed to question 2.	☒	☐
2. Is a General Plan amendment and/or rezoning required for the project? If "No" is selected, please skip to the CAP Measures Consistency section of the checklist. If "Yes" is selected, please proceed to question 3.	☐	☒
3. If the proposed project is not consistent with the General Plan land use or zoning designations, does the project include a land use plan and/or zoning designation amendment that would result in an equivalent or less GHG-intensive project when compared to the existing designations? If "Yes" is selected, please attach to this checklist the estimate project emissions under both existing and proposed designation(s) for comparison. Compare the maximum buildout of the existing designation and the	☐	☐

General Plan Land Use Consistency		
Checklist Item (Check the appropriate box and provide an explanation and supporting documentation for your answer)	Yes	No
maximum buildout of the proposed designation. If the proposed project is determined to result in an equivalent or less GHG-intensive project when compared to the existing designations, proceed to the CAP Measures Consistency section of the checklist. If "No" is selected, the applicant must conduct a full GHG impact analysis for the project as part of the CEQA process. The project shall incorporate each of the applicable measures identified in the CAP Measures Consistency section of the checklist to mitigate cumulative GHG emissions impacts.		

CAP Measures Consistency

The goal of the CAP consistency review process is to evaluate a project’s consistency with the applicable strategies and measures of the CAP Update and General Plan 2040. Each Checklist item is associated with a specific GHG reduction measure in the City’s CAP Update. “N/A” should only be checked based on the direction provided in each Checklist Item question. All projects for which the measure is applicable must demonstrate how the item would be infeasible measures consistent with the Checklist item, or fully substantiate how the item would implement for project implementation. “N/A” responses are subject to Planning Department review and approval. If “No” is provided as a response to a question, the project would be determined to be inconsistent with the CAP Update and General Plan 2040 and result in a significant GHG impact.

CAP Measures Consistency		
Checklist Item (Check the appropriate box and provide an explanation and supporting documentation for your answer)	Yes	No
1. All-Electric New Buildings (CAP Measure BE-2.1) a) Will the project use electricity as the source of energy for: ▪ space heating, ▪ water heating, ▪ fireplaces, ▪ electric vehicle charging ▪ cooking appliances, and ▪ clothes drying appliances?	☒	☐
b) Will the project install natural gas infrastructure? If “No” is selected in question 1(a), please skip to question 2(a).	☒	☐
c) If the requirements above in questions 1(a)-(b) cannot be met, will the project comply with 2022 Building Energy Efficiency Standards and install electrical conduit and wiring sufficient to operate electrical appliances?	☐	☐

CAP Measures Consistency

Checklist Item (Check the appropriate box and provide an explanation and supporting documentation for your answer)		Yes	No
2. Clean Energy (CAP Measure BE-1.1)			
a) Will the project install onsite renewable energy and storage systems capable of meeting anticipated building energy consumption? If "Yes" was selected in question 2(a), no further answers are required.		☒	☐
b) If "No" was selected in question 2(a), will the project require residents/tenants/occupants to participate in a group-buy solar and storage program or opt in to Silicon Valley Clean Energy's carbon-free electricity option?		☐	☐
c) Will the project include a parking structure? If "No" was selected in question 2(c), no further answers are required.		☐	☐
d) If "Yes" was selected in question 2(c), will the project install solar photovoltaics on the parking structure if the structure is above ground?		☐	☐
e) Will the project include heated swimming pools? If "No" was selected in question 2(e), no further answers are required.		☐	☐
f) If "Yes" was selected in question 2(e), will the pool heaters be solar powered?		☐	☐
g) If the requirements above in questions 2(b), (d), and/or (f) cannot be met, do one of the following exceptions apply?		☐	☐
▪ Practical challenges to make satisfaction of the requirements infeasible.		☐	☐
▪ Alternate on-site renewable source used to satisfy measure.		☐	☐
▪ Procurement of renewable electricity.		☐	☐
▪ Ground mounted solar installations as voluntary alternative.		☐	☐
▪ Excludes value of aesthetic exterior alterations from permit valuation.		☐	☐

CAP Measures Consistency

Checklist Item

(Check the appropriate box and provide an explanation and supporting documentation for your answer)

Yes

No

Please substantiate answer selections for question 2:

The roof top PV and exterior battery in compliance with California Energy Code requirements will be installed

3. Sustainable Transportation and Land Use Planning (CAP Measure TR-1.1)

- a) Will the project achieve a 15 percent reduction in per capita vehicle miles traveled (VMT) compared to the baseline conditions as defined in the City's SB 743 guidelines?



Please substantiate answer selections for question 3:

The proposed project would locate a new delivery center closer to the user's customers, resulting in a reduction of 15,034 VMT per day in comparison to existing conditions. The reduction in overall delivery VMT would outweigh the new VMT generated by commuter trips and line-haul truck trips, resulting in a Total VMT per Capita that is below the City threshold of 14.91 for employment-generating projects. To mitigate impacts to commuter VMT, which currently are above City threshold at 16.42 per person, the proposed project would implement TDM strategies to reduce these impacts below City thresholds.

4. Electric Vehicle Infrastructure (CAP Measure TR-2.1)

- a) Will the project install electric vehicle (EV) charging infrastructure consistent with Chapter 19 of the City's Municipal Code (Green Buildings Standard Code)?



CAP Measures Consistency		
Checklist Item (Check the appropriate box and provide an explanation and supporting documentation for your answer)	Yes	No

Please substantiate answer selections for question 4:

5. Reduce Vehicle Idling (CAP Measure TR-2.3)		
a) Will the project include loading docks? If “No” was selected in question 5(a), no further answers are required.	☒	☐
b) If “Yes” was selected in question 5(a), will there be sufficient electrical power sufficient to support delivery trucks and associated equipment to reduce vehicle idling when making deliveries?	☒	☐

Please substantiate answer selections for question 5:

6. Active Transportation Options (CAP Measure TR-3.3)		
a) Does the project include land uses other than single-family residential? If “No” was selected in question 6(a), no further answers are required.	☒	☐
b) If “Yes” was selected in question 6(a), will short-term and long-term bicycle parking facilities be provided that comply with the City’s standards for bicycle parking facilities?	☒	☐
c) If the project included nonresidential development, will the project provide “end-of-trip” facilities for	☒	☐

CAP Measures Consistency

Checklist Item (Check the appropriate box and provide an explanation and supporting documentation for your answer)	Yes	No
bicyclists, including showers, secure bicycle lockers, and changing spaces?		
d) Will the project have e-bike and e-scooter infrastructure and options?	☐	☒

Please substantiate answer selections for question 6:

Question 6c: Project provides bicycle locker for long-term requirements per California Green Building Standards Code

7. Waste Reduction (CAP Measure SW-1.1)

Will the project meet the requirements of SB 1383?

Please substantiate answer selections for question 7:

[illegible]

8. Construction Demolition (CAP Measure SW-1.4)

a) Will the project reach a 75 percent diversion rate for construction and demolition waste?

Please substantiate answer selections for question 8:

[illegible]

9. Landscape Equipment (CAP Measure OT-1.1) a) Will the project install sufficient exterior electrical outlets to charge electric-powered landscaping equipment?	☐	☒
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Please substantiate answer selections for question 9:

10. Water Conservation (CAP Measure WA-1.1) a) Will the project install ultra-low-flow water fixtures?	☒	☐
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Please substantiate answer selections for question 10:

Yes, ultra low-flow water fixtures will be installed for this project. New plumbing fixtures and fittings shall not exceed the maximum allowable flow rate specified in Table 5.303.2.2 (CALGREEN 5.303.2)

11. Landscaping (CAP Measure WA-1.2) a) Will the project use drought-tolerant, water-conserving, and/or native landscaping?	☒	☐
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Please substantiate answer selections for question 11:

All plants are designated low water use per WUCOLS and/or native drought tolerant.

12. Recycled Water (CAP Measure WA-1.3) a) If the project is located along the city's recycled water system (i.e., within the Transit Area Specific Plan planning area), will the project use recycled water for landscape irrigation?	☒	☐
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b) Will the project include a separate piping system for recycled water (i.e., "purple pipes") for irrigation and outdoor water use?	☒	☐
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Please substantiate answer selections for question 12:

Landscape irrigation utilizes recycled/reclaimed water on a designated purple pipe system

13. Heat Island Effect (CAP Measure CS-1.2)	☐	☐
a) Will the project install cool pavements?	☐	☐
b) Will the project plant low-maintenance and drought-tolerant landscaping?	☒	☐
c) Will the project plant shade trees?	☒	☐
d) Will the project include surface parking lot(s)? If "No" was selected in question 13(d), no further answers are required.	☒	☐
e) If "Yes" was selected in question 13(d), will the project reduce heat gain from surface parking lot(s) by a minimum of 50% of the project site's hardscape?	☐	☒

Please substantiate answer selections for question 13:

Low maintenance, drought tolerant landscape specified for project. Shade trees with mature canopy widths forty feet and greater have been added in all landscape islands of parking and around the perimeter of the parking area to provide shade and reduce Heat Island Effect. To meet a minimum of 50% requirement, we need to increase parking islands in the parking lot.

14. Energy and Telecommunications Infrastructure (CAP Adaptation Measure 2.5)	☒	☐
a) Will the project include new power and telecommunications lines and/or transformers? If "No" was selected in question 14(a), no further answers are required.	☒	☐

b) If "Yes" was selected in question 14(a), will the project underground power and telecommunications lines and/or transformers?	☒	☐
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Please substantiate answer selections for question 14:

Yes, the project will have transformers located on the east side of the building, and the routing will be underground, going towards South Milpitas Boulevard.

15. Flooding Impacts (CAP Adaptation Measure 3.2) a) Is the project located near San Francisco Bay or at flooding risk from local waterways which discharge to San Francisco Bay?	☒	☐
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Please substantiate answer selections for question 15:

The project site is approximately 6.75 miles southeast of San Francisco Bay, South. The nearest receiving water body is Coyote Creek, which is approximately 1.8 miles west of the project site. This site is located in a Flood Zone "X-Shaded" area, which indicates areas with moderate-to-low flood risk.

1000 Gibraltar Warehouse

Construction Equipment - Unmitigated

18.5 gal/bhp-hr

0.054 bhp-hr/gal

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor	Days	bhp-hr	gallons
Demolition	Concrete/Industrial Saws	Diesel	Average	4	5.3	33	0.73	30	15321	827
Demolition	Excavators	Diesel	Average	1	7.04	36	0.38	30	2889	156
Demolition	Rubber Tired Dozers	Diesel	Average	1	5.28	367	0.4	30	23253	1256
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2	7.04	84	0.37	30	13128	709
Site Preparation	Rubber Tired Dozers	Diesel	Average	3	5.28	367	0.4	3	6976	377
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	2	5.83	84	0.37	3	1087	59
Site Preparation	Graders	Diesel	Average	3	2.97	148	0.41	3	1622	88
Grading	Excavators	Diesel	Average	2	5.28	36	0.38	18	2600	140
Grading	Graders	Diesel	Average	3	6.27	148	0.41	18	20545	1109
Grading	Rubber Tired Dozers	Diesel	Average	1	3.74	367	0.4	18	9883	534
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3	7.59	84	0.37	18	12738	688
Grading	Concrete/Industrial Saws	Diesel	Average	2	3.74	33	0.73	18	3243	175
Building Construction	Cranes	Diesel	Average	1	1.32	367	0.29	250	35122	1897
Building Construction	Forklifts	Diesel	Average	2	6.05	82	0.2	250	49610	2679
Building Construction	Generator Sets	Diesel	Average	4	6.05	14	0.74	250	62678	3385
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1	4.29	84	0.37	250	33333	1800
Building Construction	Welders	Diesel	Average	3	3.85	46	0.45	250	59771	3228
Paving	Pavers	Diesel	Average	1	7.04	81	0.42	10	2395	129
Paving	Paving Equipment	Diesel	Average	1	7.04	89	0.36	10	2256	122
Paving	Rollers	Diesel	Average	1	7.04	36	0.38	10	963	52
Architectural Coating	Air Compressors	Diesel	Average	3	8	37	0.48	15	6394	345
Architectural Coating	Aerial Lifts	Diesel	Average	3	8	46	0.31	15	5134	277

1000 Gibraltar Warehouse

5.3. Construction Vehicles

5.3.1 Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Days	VMT	Vehicle Mix
Demolition	Worker	20	11.7	30	7020	LDA,LDT1,LDT2
Demolition	Vendor		8.4			HHDT,MHDT
Demolition	Hauling	295	20	30	176880	HHDT
Demolition	Onsite truck					HHDT
Site Preparation	Worker	20	11.7	3	702	LDA,LDT1,LDT2
Site Preparation	Vendor		8.4			HHDT,MHDT
Site Preparation	Hauling	0	20	3	0	HHDT
Site Preparation	Onsite truck					HHDT
Grading	Worker	28	11.7	18	5792	LDA,LDT1,LDT2
Grading	Vendor		8.4			HHDT,MHDT
Grading	Hauling	27	20	18	9800	HHDT
Grading	Onsite truck					HHDT
Building Construction	Worker	205	11.7	250	598972	LDA,LDT1,LDT2
Building Construction	Vendor	80	8.4	250	167815	HHDT,MHDT
Building Construction	Hauling	0	20	250	0	HHDT
Building Construction	Onsite truck					HHDT
Paving	Worker	8	11.7	10	878	LDA,LDT1,LDT2
Paving	Vendor		8.4			HHDT,MHDT
Paving	Hauling	68	20	10	13600	HHDT
Paving	Onsite truck					HHDT
Architectural Coating	Worker	41	11.7	15	7188	LDA,LDT1,LDT2
Architectural Coating	Vendor		8.4			HHDT,MHDT
Architectural Coating	Hauling	0	20	15	0	HHDT
Architectural Coating	Onsite truck					HHDT

mpg	gal/mile	EMFAC Vehicle Category	Vehicle Cat/MT TOTALS	
30.86	0.032	LDA	LDA,LDT1,LDT2	620551
25.82	0.039	LDT1	HHDT,MHDT	167815
25.06	0.040	LDT2	MHDT	0
8.5	0.118	MHDT	HHDT	200280
5.94	0.168	HHDT		

(County-Specific Fuel Efficiency)

Gasoline for Light Duty and Diesel for Heavy Duty - Consistent with CalEEMod Assumptions

Santa Clara 2025		
Fuel		
Vehicle Category	Efficiency (MPG)	Fuel (gallons)
LDA,LDT1,LDT2	26.89	23077
HHDT,MHDT	7.22	23243
MHDT	8.50	0
HHDT	5.94	33717
		80,038

1000 Gibraltar Warehouse

5.9. Operational Mobile Sources

5.9.1 Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-Rail	27	27	27	9,899	1,302	1,302	1,302	475,141
Refrigerated Warehouse-Rail	3	3	3	1,095	144	144	144	52,581
Parking Lot	-	-	-	-	-	-	-	-
User Defined Industrial	3,779	3,779	3,779	1,379,197	40,713	40,713	40,713	14,860,362

Energy Calculations - Operations Fuel Use from Mobile Sources

Region	Santa Clara
OpYear	2026

Units	All vehicles	HHDT	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
Gasoline	528,631	24	124026	28064	74394				49540					
Diesel	79,948	78821	212	109	201				604					
Natural Gas	8,990	8990												
Electricity	199,262	10925	159790	14779	6701				7067					

[illegible][illegible][illegible]

User Defined Industrial		Fuel Consumption by Vehicle Category												
Fuel Consumption for CVMT	Units	HHDT	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
Gasoline	gal		121913	280371	74099				49357					
Diesel	gal		212	109	201				604					
Natural Gas	gal													
Electricity	gal													
Plug-in Hybrid (Gasoline)	gal		2114	276	294				183					
Fuel Consumption for EVMT	Units	HHDT	LDA	LDT1	LDT2	LHD1	LHD2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
Gasoline	kw/hr													
Diesel	kw/hr													
Natural Gas	kw/hr													
Electricity	kw/hr		159790	14779	6701				7067					
Plug-in Hybrid (Electricity)	kw/hr		20695	3287	3194				1927					

[illegible][illegible]

County and Year Specific - Fuel Efficiency														
Fuel Consumption Factors	Units	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
Gasoline	gal/mi	0.238	0.032	0.038	0.039	0.099	0.112	0.024	0.047	0.226	0.204	0.203	0.100	0.108
Diesel	gal/mi	0.166	0.022	0.041	0.029	0.062	0.074	-	0.039	0.107	0.117	0.125	0.121	0.109
Natural Gas	gal/mi	0.194	-	-	-	-	-	-	-	-	0.139	0.127	0.180	0.168
Electricity	gal/mi	-	-	-	-	-	-	-	-	-	-	-	-	-
Plug-in Hybrid	gal/mi	-	0.034	0.034	0.034	-	-	-	0.035	-	-	-	-	-
Fuel Consumption Factors	Units	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
Gasoline	kw/hr/mi	-	-	-	-	-	-	-	-	-	-	-	-	-
Diesel	kw/hr/mi	-	-	-	-	-	-	-	-	-	-	-	-	-
Natural Gas	kw/hr/mi	-	-	-	-	-	-	-	-	-	-	-	-	-
Electricity	kw/hr/mi	1.844	0.386	0.386	0.386	0.655	0.645	-	0.386	-	1.095	1.108	1.053	1.743
Plug-in Hybrid	kw/hr/mi	-	0.302	0.302	0.302	-	-	-	0.302	-	-	-	-	-

[illegible]

CVMT/Total VMT by EMFAC Vehicle Type													
Fuel	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
Gasoline	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Diesel	100%	100%	100%	100%	100%	100%	0%	100%	100%	100%	100%	100%	100%
Natural Gas	100%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	100%
Electricity	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Plug-in Hybrid	0%	48%	43%	45%	0%	0%	0%	45%	0%	0%	0%	0%	0%

EVMT/Total VMT by EMFAC Vehicle Type													
Fuel	HHDT	LDA	LDT1	LDT2	LHDT1	LHDT2	MCY	MDV	MH	MHDT	OBUS	SBUS	UBUS
Gasoline	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Diesel	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Natural Gas	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Electricity	100%	100%	100%	100%	100%	100%	0%	100%	0%	100%	100%	100%	100%
Plug-in Hybrid	0%	52.39%	57.34%	55.19%	0.00%	0.00%	0.00%	54.79%	0.00%	0.00%	0.00%	0.00%	0.00%

1000 Gibraltar Warehouse

5.11. Operational Energy Consumption

5.11.1 Unmitigated

Land Use	Electricity (kWh/yr)	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-Rail	4851467	2544560
Refrigerated Warehouse-Rail	76271	6668
Parking Lot	464390	0
User Defined Industrial	0	0
	5,392,128	2551228