

Appendix C

Air Quality and GHG Emissions Technical Data

Montebello General Plan Update - Operational Mitigated Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

3.3. Demolition (2025) - Unmitigated

3.5. Site Preparation (2025) - Unmitigated

3.7. Site Preparation (2026) - Unmitigated

3.9. Site Preparation (2027) - Unmitigated

3.11. Grading (2027) - Unmitigated

3.13. Grading (2028) - Unmitigated

3.15. Grading (2029) - Unmitigated

3.17. Grading (2030) - Unmitigated

3.19. Building Construction (2030) - Unmitigated

3.21. Building Construction (2031) - Unmitigated

3.23. Building Construction (2032) - Unmitigated

3.25. Building Construction (2033) - Unmitigated

3.27. Building Construction (2034) - Unmitigated

3.29. Building Construction (2035) - Unmitigated

3.31. Building Construction (2036) - Unmitigated

3.33. Building Construction (2037) - Unmitigated

3.35. Building Construction (2038) - Unmitigated

3.37. Building Construction (2039) - Unmitigated

3.39. Building Construction (2040) - Unmitigated

3.41. Building Construction (2041) - Unmitigated

3.43. Building Construction (2042) - Unmitigated

3.45. Building Construction (2043) - Unmitigated

3.47. Building Construction (2044) - Unmitigated

3.49. Building Construction (2045) - Unmitigated

3.51. Building Construction (2046) - Unmitigated

3.53. Building Construction (2047) - Unmitigated

3.55. Building Construction (2048) - Unmitigated

3.57. Building Construction (2049) - Unmitigated

3.59. Building Construction (2050) - Unmitigated

3.61. Building Construction (2051) - Unmitigated

3.63. Building Construction (2052) - Unmitigated

3.65. Building Construction (2053) - Unmitigated

3.67. Building Construction (2054) - Unmitigated

3.69. Building Construction (2055) - Unmitigated

3.71. Building Construction (2056) - Unmitigated

3.73. Building Construction (2057) - Unmitigated

3.75. Building Construction (2058) - Unmitigated

3.77. Building Construction (2059) - Unmitigated

3.79. Paving (2059) - Unmitigated

3.81. Paving (2060) - Unmitigated

3.83. Paving (2061) - Unmitigated

3.85. Architectural Coating (2061) - Unmitigated

3.87. Architectural Coating (2062) - Unmitigated

3.89. Architectural Coating (2063) - Unmitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Montebello General Plan Update - Operational Mitigated
Construction Start Date	1/1/2024
Operational Year	2045
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	18.2
Location	Montebello, CA, USA
County	Los Angeles-South Coast
City	Montebello
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4175
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.20

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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Apartments Mid Rise	16,893	Dwelling Unit	445	16,217,280	0.00	0.00	50,003	—
General Office Building	369	1000sqft	8.47	368,955	0.00	0.00	—	—
Hotel	104	Room	3.47	151,008	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	41.1	93.9	651	0.45	1.24	178	178	1.14	42.3	43.0	—	211,559	211,559	3.71	13.4	493	216,136
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	40.5	102	555	0.45	1.37	178	178	1.26	42.3	43.0	—	203,541	203,541	3.71	13.4	12.8	207,638
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	27.6	70.6	399	0.32	0.89	126	126	0.82	29.9	30.4	—	144,061	144,061	2.63	9.57	145	147,114
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.03	12.9	72.7	0.06	0.16	22.9	23.0	0.15	5.46	5.54	—	23,851	23,851	0.44	1.58	24.0	24,356

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.68	25.0	22.9	0.03	1.06	0.20	1.26	0.98	0.05	1.02	—	3,637	3,637	0.15	0.03	0.84	3,652
2025	2.46	22.3	21.0	0.03	0.92	0.20	1.11	0.84	0.05	0.89	—	3,632	3,632	0.15	0.03	0.76	3,647
2026	3.21	29.2	29.9	0.05	1.24	19.9	21.1	1.14	10.2	11.3	—	5,535	5,535	0.22	0.05	0.80	5,557
2027	3.02	25.6	28.5	0.06	1.04	9.47	10.5	0.96	3.72	4.67	—	6,864	6,864	0.28	0.06	0.83	6,890
2028	2.95	24.4	28.3	0.06	0.99	9.47	10.5	0.91	3.72	4.62	—	6,859	6,859	0.27	0.06	0.74	6,886
2029	2.86	22.8	27.9	0.06	0.92	9.47	10.4	0.84	3.72	4.56	—	6,853	6,853	0.27	0.06	0.67	6,879
2030	41.1	93.9	651	0.45	0.69	178	178	0.66	42.3	43.0	—	211,559	211,559	3.71	13.4	493	216,136
2031	34.2	91.0	610	0.45	0.67	178	178	0.65	42.3	42.9	—	207,450	207,450	3.40	8.36	445	210,470
2032	32.8	83.5	575	0.45	0.65	178	178	0.63	42.3	42.9	—	203,627	203,627	3.40	7.93	400	206,476
2033	31.7	81.0	546	0.45	0.63	178	178	0.61	42.3	42.9	—	199,927	199,927	3.40	7.93	360	202,736
2034	30.3	73.7	517	0.45	0.62	178	178	0.60	42.3	42.9	—	196,515	196,515	2.98	7.51	322	199,148
2035	29.5	72.0	493	0.45	0.60	178	178	0.59	42.3	42.9	—	193,377	193,377	2.66	7.51	237	195,917
2036	28.9	70.0	470	0.45	0.59	178	178	0.58	42.3	42.9	—	190,622	190,622	2.66	7.08	204	193,003
2037	27.8	68.9	452	0.45	0.58	178	178	0.57	42.3	42.9	—	188,074	188,074	2.66	7.08	174	190,426
2038	26.9	67.5	440	0.45	0.58	178	178	0.56	42.3	42.9	—	185,996	185,996	2.62	6.66	149	188,194
2039	26.4	61.3	427	0.45	0.57	178	178	0.56	42.3	42.9	—	183,981	183,981	2.62	6.66	127	186,157
2040	25.3	60.7	416	0.45	0.57	178	178	0.56	42.3	42.8	—	182,190	182,190	2.35	6.66	107	184,339
2041	19.4	59.4	404	0.45	0.56	178	178	0.55	42.3	42.8	—	180,612	180,612	2.31	6.38	91.1	182,663
2042	18.9	58.8	393	0.45	0.56	178	178	0.55	42.3	42.8	—	179,217	179,217	2.31	5.96	77.6	181,128
2043	18.4	58.2	387	0.45	0.55	178	178	0.54	42.3	42.8	—	177,988	177,988	2.31	5.96	66.0	179,888
2044	18.4	57.4	381	0.45	0.55	178	178	0.54	42.3	42.8	—	176,927	176,927	2.31	5.96	56.2	178,816
2045	17.5	56.9	380	0.45	0.54	178	178	0.54	42.3	42.8	—	175,995	175,995	1.84	5.96	47.8	177,864
2046	17.2	56.8	374	0.45	0.54	178	178	0.53	42.3	42.8	—	175,193	175,193	1.84	5.96	40.8	177,055

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

2047	16.9	56.3	374	0.45	0.54	178	178	0.53	42.3	42.8	—	174,508	174,508	1.84	5.96	34.9	176,364
2048	16.9	56.2	373	0.45	0.54	178	178	0.53	42.3	42.8	—	173,942	173,942	1.80	5.96	30.2	175,793
2049	16.9	56.1	373	0.45	0.53	178	178	0.53	42.3	42.8	—	173,464	173,464	1.80	5.96	26.1	175,311
2050	16.9	55.7	373	0.45	0.53	178	178	0.52	42.3	42.8	—	173,062	173,062	1.80	5.53	22.8	174,778
2051	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2052	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2053	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2054	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2055	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2056	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2057	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2058	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2059	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2060	0.00	—	—	—	—	0.18	0.18	—	0.05	0.05	—	0.00	0.00	0.00	0.00	—	0.00
2061	0.00	—	—	—	—	0.18	0.18	—	0.05	0.05	—	0.00	0.00	0.00	0.00	—	0.00
2062	0.00	—	—	—	—	30.3	30.3	—	7.56	7.56	—	0.00	0.00	0.00	0.00	—	0.00
2063	0.00	—	—	—	—	30.3	30.3	—	7.56	7.56	—	0.00	0.00	0.00	0.00	—	0.00
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.68	25.0	22.7	0.03	1.06	0.20	1.26	0.98	0.05	1.02	—	3,626	3,626	0.15	0.04	0.02	3,640
2025	3.38	31.7	31.2	0.05	1.37	19.9	21.3	1.26	10.2	11.4	—	5,525	5,525	0.23	0.05	0.02	5,546
2026	3.21	29.2	29.8	0.05	1.24	19.9	21.1	1.14	10.2	11.3	—	5,523	5,523	0.23	0.05	0.02	5,544
2027	3.11	28.0	29.2	0.06	1.17	19.9	21.1	1.08	10.2	11.2	—	6,850	6,850	0.27	0.06	0.02	6,876
2028	2.95	24.4	28.1	0.06	0.99	9.47	10.5	0.91	3.72	4.62	—	6,846	6,846	0.27	0.06	0.02	6,871
2029	2.86	22.8	27.8	0.06	0.92	9.47	10.4	0.84	3.72	4.56	—	6,839	6,839	0.27	0.06	0.02	6,865
2030	40.5	102	555	0.45	0.88	178	178	0.81	42.3	43.0	—	203,541	203,541	3.71	13.4	12.8	207,638
2031	33.8	99.2	523	0.45	0.67	178	178	0.65	42.3	42.9	—	199,572	199,572	3.67	13.4	11.5	203,666

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

2032	32.4	91.2	493	0.45	0.65	178	178	0.63	42.3	42.9	—	195,864	195,864	3.67	7.93	10.3	198,330
2033	31.0	83.7	468	0.45	0.63	178	178	0.61	42.3	42.9	—	192,280	192,280	3.40	7.93	9.31	194,738
2034	29.9	81.4	443	0.45	0.62	178	178	0.60	42.3	42.9	—	188,962	188,962	2.98	7.51	8.37	191,282
2035	29.1	79.7	424	0.45	0.60	178	178	0.59	42.3	42.9	—	185,910	185,910	2.93	7.51	6.13	188,227
2036	28.8	72.8	405	0.45	0.59	178	178	0.58	42.3	42.9	—	183,230	183,230	2.93	7.08	5.28	185,419
2037	28.0	71.3	387	0.45	0.58	178	178	0.57	42.3	42.9	—	180,747	180,747	2.66	7.08	4.52	182,928
2038	27.1	69.8	374	0.45	0.58	178	178	0.56	42.3	42.9	—	178,714	178,714	2.62	6.66	3.86	180,767
2039	26.3	68.7	361	0.45	0.57	178	178	0.56	42.3	42.9	—	176,750	176,750	2.62	6.66	3.28	178,802
2040	24.9	67.9	355	0.45	0.57	178	178	0.56	42.3	42.8	—	175,009	175,009	2.62	6.66	2.78	177,060
2041	19.3	61.7	348	0.45	0.56	178	178	0.55	42.3	42.8	—	173,471	173,471	2.58	6.66	2.36	175,522
2042	18.5	61.2	336	0.45	0.56	178	178	0.55	42.3	42.8	—	172,111	172,111	2.58	6.23	2.02	174,035
2043	18.6	60.4	330	0.45	0.55	178	178	0.54	42.3	42.8	—	170,918	170,918	2.58	6.23	1.71	172,841
2044	18.0	59.9	328	0.45	0.55	178	178	0.54	42.3	42.8	—	169,882	169,882	2.26	6.23	1.46	171,797
2045	17.4	59.3	323	0.45	0.54	178	178	0.54	42.3	42.8	—	168,975	168,975	1.84	6.23	1.24	170,879
2046	17.1	59.2	322	0.45	0.54	178	178	0.53	42.3	42.8	—	168,193	168,193	1.84	6.23	1.06	170,097
2047	17.1	58.5	321	0.45	0.54	178	178	0.53	42.3	42.8	—	167,529	167,529	1.84	6.23	0.91	169,433
2048	16.8	58.3	315	0.45	0.54	178	178	0.53	42.3	42.8	—	166,978	166,978	1.80	6.23	0.78	168,881
2049	16.8	58.3	315	0.45	0.53	178	178	0.53	42.3	42.8	—	166,511	166,511	1.80	6.23	0.68	168,413
2050	16.8	57.9	315	0.45	0.53	178	178	0.52	42.3	42.8	—	166,119	166,119	1.80	5.81	0.59	167,894
2051	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2052	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2053	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2054	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2055	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2056	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2057	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2058	—	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

2059	0.00	—	—	—	—	164	164	—	41.0	41.0	—	0.00	0.00	0.00	0.00	—	0.00
2060	0.00	—	—	—	—	0.18	0.18	—	0.05	0.05	—	0.00	0.00	0.00	0.00	—	0.00
2061	0.00	—	—	—	—	30.3	30.3	—	7.56	7.56	—	0.00	0.00	0.00	0.00	—	0.00
2062	0.00	—	—	—	—	30.3	30.3	—	7.56	7.56	—	0.00	0.00	0.00	0.00	—	0.00
2063	0.00	—	—	—	—	30.3	30.3	—	7.56	7.56	—	0.00	0.00	0.00	0.00	—	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.92	17.9	16.3	0.02	0.76	0.14	0.90	0.70	0.03	0.73	—	2,599	2,599	0.11	0.03	0.26	2,610
2025	1.81	16.5	15.5	0.02	0.68	1.29	1.98	0.63	0.63	1.25	—	2,701	2,701	0.11	0.03	0.24	2,711
2026	2.29	20.9	21.3	0.03	0.89	14.2	15.1	0.82	7.25	8.07	—	3,947	3,947	0.16	0.04	0.25	3,962
2027	2.16	18.5	20.3	0.04	0.75	7.29	8.04	0.69	2.98	3.67	—	4,828	4,828	0.19	0.04	0.25	4,846
2028	2.11	17.5	20.2	0.04	0.71	6.78	7.48	0.65	2.66	3.31	—	4,906	4,906	0.19	0.05	0.23	4,924
2029	2.04	16.3	19.9	0.04	0.65	6.76	7.41	0.60	2.65	3.26	—	4,888	4,888	0.19	0.04	0.21	4,906
2030	27.6	70.3	399	0.31	0.50	120	121	0.48	28.7	29.1	—	140,695	140,695	2.55	9.15	145	143,630
2031	24.2	70.6	390	0.32	0.48	125	126	0.46	29.8	30.3	—	144,061	144,061	2.62	9.57	137	147,114
2032	23.1	65.1	369	0.32	0.47	126	126	0.45	29.9	30.4	—	141,775	141,775	2.63	9.29	124	144,732
2033	22.2	63.3	350	0.32	0.45	125	126	0.44	29.8	30.3	—	138,805	138,805	2.43	5.67	111	140,665
2034	21.2	58.1	329	0.32	0.44	125	126	0.43	29.8	30.3	—	136,418	136,418	2.13	5.36	99.7	138,168
2035	20.8	56.7	316	0.32	0.43	125	126	0.42	29.8	30.3	—	134,223	134,223	2.10	5.36	72.7	135,946
2036	20.5	52.0	303	0.32	0.43	126	126	0.42	29.9	30.3	—	132,653	132,653	2.10	5.07	63.0	134,280
2037	19.8	50.9	289	0.32	0.42	125	126	0.41	29.8	30.3	—	130,506	130,506	1.90	5.06	53.8	132,115
2038	19.2	49.8	280	0.32	0.41	125	126	0.40	29.8	30.2	—	129,047	129,047	1.87	4.75	45.9	130,556
2039	18.6	49.1	271	0.32	0.41	125	126	0.40	29.8	30.2	—	127,629	127,629	1.87	4.75	39.0	129,131
2040	17.9	48.5	267	0.32	0.41	126	126	0.40	29.9	30.3	—	126,724	126,724	1.88	4.77	33.2	128,225
2041	13.7	44.0	258	0.32	0.40	125	126	0.39	29.8	30.2	—	125,272	125,272	1.84	4.75	28.1	126,763
2042	13.3	43.4	253	0.32	0.40	125	126	0.39	29.8	30.2	—	124,294	124,294	1.84	4.45	24.0	125,690
2043	13.3	43.0	249	0.32	0.40	125	126	0.39	29.8	30.2	—	123,434	123,434	1.65	4.45	20.4	124,822
2044	12.9	42.7	245	0.32	0.39	126	126	0.39	29.9	30.3	—	123,027	123,027	1.65	4.46	17.4	124,415

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

2045	12.5	42.0	244	0.32	0.39	125	126	0.38	29.8	30.2	—	122,039	122,039	1.31	4.45	14.7	123,413
2046	12.3	42.0	239	0.32	0.39	125	126	0.38	29.8	30.2	—	121,477	121,477	1.31	4.45	12.6	122,848
2047	12.1	41.6	239	0.32	0.39	125	126	0.38	29.8	30.2	—	120,995	120,995	1.31	4.26	10.7	122,307
2048	12.1	41.6	239	0.32	0.38	126	126	0.38	29.9	30.3	—	120,932	120,932	1.29	4.27	9.31	122,245
2049	12.0	41.5	238	0.32	0.38	125	126	0.38	29.8	30.2	—	120,264	120,264	1.28	4.26	8.08	121,572
2050	12.0	41.2	238	0.32	0.38	125	126	0.37	29.8	30.2	—	119,983	119,983	1.28	3.95	7.01	121,200
2051	—	—	—	—	—	116	116	—	28.9	28.9	—	0.00	0.00	0.00	0.00	—	0.00
2052	—	—	—	—	—	116	116	—	29.0	29.0	—	0.00	0.00	0.00	0.00	—	0.00
2053	—	—	—	—	—	116	116	—	28.9	28.9	—	0.00	0.00	0.00	0.00	—	0.00
2054	—	—	—	—	—	116	116	—	28.9	28.9	—	0.00	0.00	0.00	0.00	—	0.00
2055	—	—	—	—	—	116	116	—	28.9	28.9	—	0.00	0.00	0.00	0.00	—	0.00
2056	—	—	—	—	—	116	116	—	29.0	29.0	—	0.00	0.00	0.00	0.00	—	0.00
2057	—	—	—	—	—	116	116	—	28.9	28.9	—	0.00	0.00	0.00	0.00	—	0.00
2058	—	—	—	—	—	116	116	—	28.9	28.9	—	0.00	0.00	0.00	0.00	—	0.00
2059	0.00	—	—	—	—	87.2	87.2	—	21.8	21.8	—	0.00	0.00	0.00	0.00	—	0.00
2060	0.00	—	—	—	—	0.13	0.13	—	0.03	0.03	—	0.00	0.00	0.00	0.00	—	0.00
2061	0.00	—	—	—	—	3.04	3.04	—	0.76	0.76	—	0.00	0.00	0.00	0.00	—	0.00
2062	0.00	—	—	—	—	21.3	21.3	—	5.34	5.34	—	0.00	0.00	0.00	0.00	—	0.00
2063	0.00	—	—	—	—	20.8	20.8	—	5.20	5.20	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.35	3.26	2.97	< 0.005	0.14	0.03	0.16	0.13	0.01	0.13	—	430	430	0.02	< 0.005	0.04	432
2025	0.33	3.00	2.83	< 0.005	0.12	0.24	0.36	0.11	0.11	0.23	—	447	447	0.02	< 0.005	0.04	449
2026	0.42	3.81	3.89	0.01	0.16	2.59	2.75	0.15	1.32	1.47	—	653	653	0.03	0.01	0.04	656
2027	0.39	3.37	3.70	0.01	0.14	1.33	1.47	0.13	0.54	0.67	—	799	799	0.03	0.01	0.04	802
2028	0.39	3.19	3.68	0.01	0.13	1.24	1.37	0.12	0.49	0.60	—	812	812	0.03	0.01	0.04	815
2029	0.37	2.97	3.62	0.01	0.12	1.23	1.35	0.11	0.48	0.59	—	809	809	0.03	0.01	0.03	812
2030	5.03	12.8	72.7	0.06	0.09	21.9	22.0	0.09	5.23	5.32	—	23,294	23,294	0.42	1.51	24.0	23,780

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

2031	4.41	12.9	71.2	0.06	0.09	22.9	23.0	0.08	5.45	5.53	—	23,851	23,851	0.43	1.58	22.7	24,356
2032	4.21	11.9	67.4	0.06	0.08	22.9	23.0	0.08	5.46	5.54	—	23,472	23,472	0.44	1.54	20.5	23,962
2033	4.05	11.6	63.9	0.06	0.08	22.9	23.0	0.08	5.45	5.53	—	22,981	22,981	0.40	0.94	18.3	23,289
2034	3.87	10.6	60.1	0.06	0.08	22.9	23.0	0.08	5.45	5.52	—	22,585	22,585	0.35	0.89	16.5	22,875
2035	3.80	10.3	57.6	0.06	0.08	22.9	23.0	0.08	5.45	5.52	—	22,222	22,222	0.35	0.89	12.0	22,507
2036	3.74	9.50	55.3	0.06	0.08	22.9	23.0	0.08	5.46	5.54	—	21,962	21,962	0.35	0.84	10.4	22,232
2037	3.61	9.28	52.8	0.06	0.08	22.9	23.0	0.07	5.45	5.52	—	21,607	21,607	0.31	0.84	8.91	21,873
2038	3.51	9.08	51.1	0.06	0.08	22.9	23.0	0.07	5.45	5.52	—	21,365	21,365	0.31	0.79	7.61	21,615
2039	3.40	8.96	49.5	0.06	0.07	22.9	23.0	0.07	5.45	5.52	—	21,130	21,130	0.31	0.79	6.46	21,379
2040	3.26	8.85	48.7	0.06	0.07	22.9	23.0	0.07	5.46	5.53	—	20,981	20,981	0.31	0.79	5.50	21,229
2041	2.50	8.03	47.0	0.06	0.07	22.9	22.9	0.07	5.45	5.52	—	20,740	20,740	0.30	0.79	4.66	20,987
2042	2.43	7.92	46.2	0.06	0.07	22.9	22.9	0.07	5.45	5.52	—	20,578	20,578	0.30	0.74	3.97	20,809
2043	2.43	7.85	45.4	0.06	0.07	22.9	22.9	0.07	5.45	5.52	—	20,436	20,436	0.27	0.74	3.37	20,666
2044	2.36	7.80	44.7	0.06	0.07	22.9	23.0	0.07	5.46	5.53	—	20,368	20,368	0.27	0.74	2.88	20,598
2045	2.28	7.67	44.5	0.06	0.07	22.9	22.9	0.07	5.45	5.52	—	20,205	20,205	0.22	0.74	2.44	20,432
2046	2.24	7.66	43.7	0.06	0.07	22.9	22.9	0.07	5.45	5.52	—	20,112	20,112	0.22	0.74	2.09	20,339
2047	2.20	7.60	43.6	0.06	0.07	22.9	22.9	0.07	5.45	5.52	—	20,032	20,032	0.22	0.70	1.78	20,249
2048	2.20	7.60	43.6	0.06	0.07	22.9	23.0	0.07	5.46	5.53	—	20,022	20,022	0.21	0.71	1.54	20,239
2049	2.20	7.58	43.5	0.06	0.07	22.9	22.9	0.07	5.45	5.51	—	19,911	19,911	0.21	0.70	1.34	20,128
2050	2.20	7.52	43.5	0.06	0.07	22.9	22.9	0.07	5.45	5.51	—	19,865	19,865	0.21	0.65	1.16	20,066
2051	—	—	—	—	—	21.1	21.1	—	5.28	5.28	—	0.00	0.00	0.00	0.00	—	0.00
2052	—	—	—	—	—	21.2	21.2	—	5.29	5.29	—	0.00	0.00	0.00	0.00	—	0.00
2053	—	—	—	—	—	21.1	21.1	—	5.28	5.28	—	0.00	0.00	0.00	0.00	—	0.00
2054	—	—	—	—	—	21.1	21.1	—	5.28	5.28	—	0.00	0.00	0.00	0.00	—	0.00
2055	—	—	—	—	—	21.1	21.1	—	5.28	5.28	—	0.00	0.00	0.00	0.00	—	0.00
2056	—	—	—	—	—	21.2	21.2	—	5.29	5.29	—	0.00	0.00	0.00	0.00	—	0.00
2057	—	—	—	—	—	21.1	21.1	—	5.28	5.28	—	0.00	0.00	0.00	0.00	—	0.00

2058	—	—	—	—	—	21.1	21.1	—	5.28	5.28	—	0.00	0.00	0.00	0.00	—	0.00
2059	0.00	—	—	—	—	15.9	15.9	—	3.98	3.98	—	0.00	0.00	0.00	0.00	—	0.00
2060	0.00	—	—	—	—	0.02	0.02	—	0.01	0.01	—	0.00	0.00	0.00	0.00	—	0.00
2061	0.00	—	—	—	—	0.55	0.55	—	0.14	0.14	—	0.00	0.00	0.00	0.00	—	0.00
2062	0.00	—	—	—	—	3.90	3.90	—	0.97	0.97	—	0.00	0.00	0.00	0.00	—	0.00
2063	0.00	—	—	—	—	3.80	3.80	—	0.95	0.95	—	0.00	0.00	0.00	0.00	—	0.00

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	682	184	2,750	5.25	6.48	545	552	6.24	139	145	22,922	664,152	687,074	2,159	24.6	483	748,879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	595	187	1,628	5.01	6.01	545	551	5.89	139	144	22,922	641,008	663,930	2,160	25.5	356	725,867
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	641	186	2,251	4.83	6.22	509	515	6.03	129	135	22,922	581,309	604,230	2,154	23.8	406	665,578
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	117	33.9	411	0.88	1.14	92.9	94.0	1.10	23.6	24.7	3,795	96,242	100,037	357	3.94	67.2	110,194

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
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Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	205	124	1,741	4.89	1.90	545	547	1.77	139	140	—	497,791	497,791	17.4	18.2	130	503,764
Area	474	9.04	986	0.04	0.47	—	0.47	0.35	—	0.35	0.00	45,610	45,610	5.55	0.68	—	45,952
Energy	2.97	51.1	23.3	0.32	4.11	—	4.11	4.11	—	4.11	—	114,980	114,980	12.1	0.90	—	115,549
Water	—	—	—	—	—	—	—	—	—	—	2,201	5,772	7,973	53.4	4.90	—	10,768
Waste	—	—	—	—	—	—	—	—	—	—	20,720	0.00	20,720	2,071	0.00	—	72,494
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	353	353
Total	682	184	2,750	5.25	6.48	545	552	6.24	139	145	22,922	664,152	687,074	2,159	24.6	483	748,879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	205	136	1,604	4.68	1.90	545	547	1.78	139	140	—	477,302	477,302	17.9	19.0	3.36	483,416
Area	387	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	42,955	42,955	5.44	0.66	—	43,287
Energy	2.97	51.1	23.3	0.32	4.11	—	4.11	4.11	—	4.11	—	114,980	114,980	12.1	0.90	—	115,549
Water	—	—	—	—	—	—	—	—	—	—	2,201	5,772	7,973	53.4	4.90	—	10,768
Waste	—	—	—	—	—	—	—	—	—	—	20,720	0.00	20,720	2,071	0.00	—	72,494
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	353	353
Total	595	187	1,628	5.01	6.01	545	551	5.89	139	144	22,922	641,008	663,930	2,160	25.5	356	725,867
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	191	128	1,552	4.47	1.79	509	511	1.68	129	131	—	455,796	455,796	16.8	18.0	52.9	461,624
Area	446	6.19	675	0.03	0.32	—	0.32	0.24	—	0.24	0.00	4,761	4,761	0.45	0.06	—	4,790
Energy	2.97	51.1	23.3	0.32	4.11	—	4.11	4.11	—	4.11	—	114,980	114,980	12.1	0.90	—	115,549
Water	—	—	—	—	—	—	—	—	—	—	2,201	5,772	7,973	53.4	4.90	—	10,768
Waste	—	—	—	—	—	—	—	—	—	—	20,720	0.00	20,720	2,071	0.00	—	72,494
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	353	353
Total	641	186	2,251	4.83	6.22	509	515	6.03	129	135	22,922	581,309	604,230	2,154	23.8	406	665,578

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	34.9	23.4	283	0.82	0.33	92.9	93.2	0.31	23.6	23.9	—	75,462	75,462	2.78	2.97	8.76	76,427
Area	81.4	1.13	123	0.01	0.06	—	0.06	0.04	—	0.04	0.00	788	788	0.07	0.01	—	793
Energy	0.54	9.32	4.24	0.06	0.75	—	0.75	0.75	—	0.75	—	19,036	19,036	2.00	0.15	—	19,130
Water	—	—	—	—	—	—	—	—	—	—	364	956	1,320	8.84	0.81	—	1,783
Waste	—	—	—	—	—	—	—	—	—	—	3,430	0.00	3,430	343	0.00	—	12,002
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	58.5	58.5
Total	117	33.9	411	0.88	1.14	92.9	94.0	1.10	23.6	24.7	3,795	96,242	100,037	357	3.94	67.2	110,194

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

Location	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	2.62	24.9	21.7	0.03	1.06	—	1.06	0.98	—	0.98	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.62	24.9	21.7	0.03	1.06	—	1.06	0.98	—	0.98	—	3,425	3,425	0.14	0.03	—	3,437

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.87	17.8	15.6	0.02	0.76	—	0.76	0.70	—	0.70	—	2,453	2,453	0.10	0.02	—	2,462
Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	3.25	2.84	< 0.005	0.14	—	0.14	0.13	—	0.13	—	406	406	0.02	< 0.005	—	408
Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	1.13	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	212	212	0.01	0.01	0.84	215
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	0.96	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	201	201	0.01	0.01	0.02	203
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.72	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	146	146	0.01	0.01	0.26	148
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	24.2	24.2	< 0.005	< 0.005	0.04	24.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Demolition (2025) - Unmitigated

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

Location	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	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.40	22.2	19.9	0.03	0.92	—	0.92	0.84	—	0.84	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.57	14.6	13.1	0.02	0.60	—	0.60	0.55	—	0.55	—	2,245	2,245	0.09	0.02	—	2,253
Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	2.66	2.38	< 0.005	0.11	—	0.11	0.10	—	0.10	—	372	372	0.02	< 0.005	—	373
Demolition	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.76	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	197	197	0.01	0.01	0.02	199
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.04	0.05	0.61	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	0.01	< 0.005	0.22	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.7	21.7	< 0.005	< 0.005	0.04	21.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. 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	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	3.31	31.6	30.2	0.05	1.37	—	1.37	1.26	—	1.26	—	5,295	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.86	1.77	< 0.005	0.08	—	0.08	0.07	—	0.07	—	311	311	0.01	< 0.005	—	312

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Dust From Material Movement	—	—	—	—	—	1.15	1.15	—	0.59	0.59	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	0.32	< 0.005	0.01	—	0.01	0.01	—	0.01	—	51.5	51.5	< 0.005	< 0.005	—	51.6
Dust From Material Movement	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	1.03	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	229	229	0.01	0.01	0.02	232
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.7	13.7	< 0.005	< 0.005	0.02	13.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.26	2.26	< 0.005	< 0.005	< 0.005	2.29
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
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3.7. Site Preparation (2026) - Unmitigated

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

Location	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	3.14	29.2	28.8	0.05	1.24	—	1.24	1.14	—	1.14	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.14	29.2	28.8	0.05	1.24	—	1.24	1.14	—	1.14	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.25	20.8	20.6	0.03	0.89	—	0.89	0.82	—	0.82	—	3,784	3,784	0.15	0.03	—	3,797

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Dust From Material Movement	—	—	—	—	—	14.0	14.0	—	7.22	7.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	3.80	3.76	0.01	0.16	—	0.16	0.15	—	0.15	—	627	627	0.03	0.01	—	629
Dust From Material Movement	—	—	—	—	—	2.56	2.56	—	1.32	1.32	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.07	1.13	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	237	237	0.01	0.01	0.80	241
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.08	0.96	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	225	225	0.01	0.01	0.02	228
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.72	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	163	163	0.01	0.01	0.25	165
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	27.0	27.0	< 0.005	< 0.005	0.04	27.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Site Preparation (2027) - Unmitigated

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

Location	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	3.05	28.0	28.3	0.05	1.17	—	1.17	1.08	—	1.08	—	5,298	5,298	0.21	0.04	—	5,316
Dust From Material Movement	—	—	—	—	—	19.7	19.7	—	10.1	10.1	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.42	1.44	< 0.005	0.06	—	0.06	0.05	—	0.05	—	270	270	0.01	< 0.005	—	270
Dust From Material Movement	—	—	—	—	—	1.00	1.00	—	0.51	0.51	—	—	—	—	—	—	—
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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.26	0.26	< 0.005	0.01	—	0.01	0.01	—	0.01	—	44.6	44.6	< 0.005	< 0.005	—	44.8
Dust From Material Movement	—	—	—	—	—	0.18	0.18	—	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
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.08	0.89	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	220	220	< 0.005	0.01	0.02	223
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.4	11.4	< 0.005	< 0.005	0.02	11.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.88	1.88	< 0.005	< 0.005	< 0.005	1.91
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Grading (2027) - Unmitigated

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

Location	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	2.95	25.6	27.3	0.06	1.04	—	1.04	0.96	—	0.96	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.95	25.6	27.3	0.06	1.04	—	1.04	0.96	—	0.96	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.95	17.0	18.1	0.04	0.69	—	0.69	0.64	—	0.64	—	4,377	4,377	0.18	0.04	—	4,392
Dust From Material Movement	—	—	—	—	—	6.11	6.11	—	2.42	2.42	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Off-Road Equipment	0.36	3.10	3.30	0.01	0.13	—	0.13	0.12	—	0.12	—	725	725	0.03	0.01	—	727
Dust From Material Movement	—	—	—	—	—	1.11	1.11	—	0.44	0.44	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	1.20	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	266	266	0.01	0.01	0.83	270
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.09	1.02	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	252	252	< 0.005	0.01	0.02	255
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.71	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	170	170	< 0.005	0.01	0.24	172
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	28.1	28.1	< 0.005	< 0.005	0.04	28.4
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
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Grading (2028) - Unmitigated

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

Location	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	2.88	24.3	27.2	0.06	0.99	—	0.99	0.91	—	0.91	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.88	24.3	27.2	0.06	0.99	—	0.99	0.91	—	0.91	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.06	17.4	19.5	0.04	0.71	—	0.71	0.65	—	0.65	—	4,726	4,726	0.19	0.04	—	4,742
Dust From Material Movement	—	—	—	—	—	6.59	6.59	—	2.62	2.62	—	—	—	—	—	—	—

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.38	3.18	3.55	0.01	0.13	—	0.13	0.12	—	0.12	—	782	782	0.03	0.01	—	785
Dust From Material Movement	—	—	—	—	—	1.20	1.20	—	0.48	0.48	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	1.13	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	261	261	< 0.005	0.01	0.74	265
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.08	0.96	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	247	247	< 0.005	0.01	0.02	250
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.06	0.72	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	180	180	< 0.005	0.01	0.23	182
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.8	29.8	< 0.005	< 0.005	0.04	30.2
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

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
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3.15. Grading (2029) - Unmitigated

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

Location	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	2.79	22.7	26.9	0.06	0.92	—	0.92	0.84	—	0.84	—	6,596	6,596	0.27	0.05	—	6,619
Dust From Material Movement	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.79	22.7	26.9	0.06	0.92	—	0.92	0.84	—	0.84	—	6,596	6,596	0.27	0.05	—	6,619
Dust From Material Movement	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.99	16.2	19.2	0.04	0.65	—	0.65	0.60	—	0.60	—	4,712	4,712	0.19	0.04	—	4,728

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Dust From Material Movement	—	—	—	—	—	6.57	6.57	—	2.61	2.61	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	2.96	3.50	0.01	0.12	—	0.12	0.11	—	0.11	—	780	780	0.03	0.01	—	783
Dust From Material Movement	—	—	—	—	—	1.20	1.20	—	0.48	0.48	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	1.05	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	257	257	< 0.005	0.01	0.67	260
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.07	0.89	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	243	243	< 0.005	0.01	0.02	246
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.67	0.00	0.00	0.18	0.18	0.00	0.04	0.04	—	176	176	< 0.005	0.01	0.21	179
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.2	29.2	< 0.005	< 0.005	0.03	29.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Grading (2030) - Unmitigated

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

Location	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	2.72	21.7	26.9	0.06	0.88	—	0.88	0.81	—	0.81	—	6,596	6,596	0.27	0.05	—	6,619
Dust From Material Movement	—	—	—	—	—	9.20	9.20	—	3.65	3.65	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.68	0.84	< 0.005	0.03	—	0.03	0.03	—	0.03	—	207	207	0.01	< 0.005	—	207
Dust From Material Movement	—	—	—	—	—	0.29	0.29	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.12	0.15	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3
Dust From Material Movement	—	—	—	—	—	0.05	0.05	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.84	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	239	239	< 0.005	0.01	0.02	242
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.61	7.61	< 0.005	< 0.005	0.01	7.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.26	1.26	< 0.005	< 0.005	< 0.005	1.28
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Building Construction (2030) - Unmitigated

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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Location	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	0.94	8.39	12.9	0.02	0.26	—	0.26	0.24	—	0.24	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.94	8.39	12.9	0.02	0.26	—	0.26	0.24	—	0.24	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	5.73	8.80	0.02	0.18	—	0.18	0.16	—	0.16	—	1,637	1,637	0.07	0.01	—	1,643
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.05	1.61	< 0.005	0.03	—	0.03	0.03	—	0.03	—	271	271	0.01	< 0.005	—	272
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	38.9	31.4	612	0.00	0.00	161	161	0.00	37.8	37.8	—	155,800	155,800	1.63	5.85	366	157,951
Vendor	1.26	54.1	26.3	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	53,362	53,362	1.98	7.52	127	55,780

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	38.4	37.0	515	0.00	0.00	161	161	0.00	37.8	37.8	—	147,746	147,746	1.63	5.85	9.50	149,540
Vendor	1.18	56.7	26.9	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	53,398	53,398	1.98	7.52	3.29	55,692
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	26.0	25.3	371	0.00	0.00	109	109	0.00	25.5	25.5	—	102,389	102,389	1.12	4.00	108	103,716
Vendor	0.83	38.7	18.1	0.29	0.29	10.9	11.2	0.29	3.03	3.32	—	36,455	36,455	1.36	5.14	37.4	38,057
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.75	4.61	67.7	0.00	0.00	19.9	19.9	0.00	4.66	4.66	—	16,952	16,952	0.18	0.66	17.8	17,171
Vendor	0.15	7.05	3.31	0.05	0.05	2.00	2.05	0.05	0.55	0.61	—	6,036	6,036	0.22	0.85	6.20	6,301
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Building Construction (2031) - Unmitigated

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

Location	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	8.12	12.8	0.02	0.24	—	0.24	0.22	—	0.22	—	2,397	2,397	0.10	0.02	—	2,405
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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.92	8.12	12.8	0.02	0.24	—	0.24	0.22	—	0.22	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.66	5.80	9.18	0.02	0.17	—	0.17	0.16	—	0.16	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.06	1.67	< 0.005	0.03	—	0.03	0.03	—	0.03	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	32.0	31.2	572	0.00	0.00	161	161	0.00	37.8	37.8	—	153,440	153,440	1.36	0.82	325	154,042
Vendor	1.26	51.7	25.3	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	51,613	51,613	1.94	7.52	120	54,023
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	31.7	36.7	485	0.00	0.00	161	161	0.00	37.8	37.8	—	145,525	145,525	1.63	5.85	8.42	147,318
Vendor	1.18	54.3	25.5	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	51,650	51,650	1.94	7.52	3.10	53,943
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	22.6	26.0	363	0.00	0.00	114	114	0.00	26.7	26.7	—	105,471	105,471	1.17	4.18	100	106,846
Vendor	0.87	38.7	18.3	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	36,878	36,878	1.39	5.37	36.9	38,550
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	4.13	4.75	66.2	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	17,462	17,462	0.19	0.69	16.6	17,690
Vendor	0.16	7.07	3.34	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	6,106	6,106	0.23	0.89	6.11	6,382
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Building Construction (2032) - Unmitigated

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

Location	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	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90	7.87	12.8	0.02	0.22	—	0.22	0.21	—	0.21	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	5.64	9.16	0.02	0.16	—	0.16	0.15	—	0.15	—	1,717	1,717	0.07	0.01	—	1,723

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	1.03	1.67	< 0.005	0.03	—	0.03	0.03	—	0.03	—	284	284	0.01	< 0.005	—	285
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	30.6	25.9	538	0.00	0.00	161	161	0.00	37.8	37.8	—	151,364	151,364	1.36	0.82	287	151,928
Vendor	1.26	49.7	24.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	49,867	49,867	1.94	7.10	113	52,143
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	30.3	31.4	455	0.00	0.00	161	161	0.00	37.8	37.8	—	143,563	143,563	1.63	0.82	7.42	143,855
Vendor	1.18	51.9	25.0	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	49,904	49,904	1.94	7.10	2.93	52,070
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	21.5	22.3	342	0.00	0.00	114	114	0.00	26.8	26.8	—	104,330	104,330	1.17	4.19	88.7	105,697
Vendor	0.87	37.1	17.7	0.30	0.30	11.5	11.8	0.30	3.17	3.48	—	35,728	35,728	1.39	5.08	34.9	37,312
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.93	4.07	62.5	0.00	0.00	20.8	20.8	0.00	4.88	4.88	—	17,273	17,273	0.19	0.69	14.7	17,499
Vendor	0.16	6.77	3.23	0.06	0.06	2.09	2.15	0.06	0.58	0.63	—	5,915	5,915	0.23	0.84	5.78	6,177
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Building Construction (2033) - Unmitigated

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

Location	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	0.88	7.67	12.8	0.02	0.20	—	0.20	0.19	—	0.19	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	7.67	12.8	0.02	0.20	—	0.20	0.19	—	0.19	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	5.48	9.13	0.02	0.15	—	0.15	0.13	—	0.13	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.00	1.67	< 0.005	0.03	—	0.03	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	29.5	25.6	510	0.00	0.00	161	161	0.00	37.8	37.8	—	149,357	149,357	1.36	0.82	252	149,886
Vendor	1.26	47.8	23.5	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	48,174	48,174	1.94	7.10	108	50,445
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	29.0	26.1	431	0.00	0.00	161	161	0.00	37.8	37.8	—	141,670	141,670	1.36	0.82	6.52	141,954
Vendor	1.18	49.9	24.0	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	48,213	48,213	1.94	7.10	2.79	50,379
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	20.7	22.3	324	0.00	0.00	114	114	0.00	26.7	26.7	—	102,672	102,672	0.97	0.58	77.7	102,947
Vendor	0.87	35.6	16.9	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	34,422	34,422	1.39	5.07	33.1	36,000
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.78	4.06	59.2	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	16,998	16,998	0.16	0.10	12.9	17,044
Vendor	0.16	6.50	3.09	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	5,699	5,699	0.23	0.84	5.49	5,960
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.27. Building Construction (2034) - Unmitigated

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

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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Off-Road Equipment	0.86	7.52	12.8	0.02	0.19	—	0.19	0.18	—	0.18	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.86	7.52	12.8	0.02	0.19	—	0.19	0.18	—	0.18	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.62	5.37	9.12	0.02	0.14	—	0.14	0.13	—	0.13	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.98	1.66	< 0.005	0.03	—	0.03	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	28.2	20.3	481	0.00	0.00	161	161	0.00	37.8	37.8	—	147,603	147,603	1.36	0.82	220	148,100
Vendor	1.26	45.9	22.5	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	46,515	46,515	1.52	6.67	103	48,644
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	27.9	25.9	407	0.00	0.00	161	161	0.00	37.8	37.8	—	140,011	140,011	1.36	0.82	5.69	140,294

Vendor	1.18	48.1	23.1	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	46,555	46,555	1.52	6.67	2.68	48,583
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	19.7	18.5	304	0.00	0.00	114	114	0.00	26.7	26.7	—	101,469	101,469	0.97	0.58	67.9	101,734
Vendor	0.87	34.2	16.3	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	33,237	33,237	1.08	4.76	31.8	34,716
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.60	3.37	55.4	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	16,799	16,799	0.16	0.10	11.2	16,843
Vendor	0.16	6.25	2.97	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	5,503	5,503	0.18	0.79	5.26	5,748
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.29. Building Construction (2035) - Unmitigated

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

Location	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	0.85	7.34	12.7	0.02	0.18	—	0.18	0.17	—	0.17	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	7.34	12.7	0.02	0.18	—	0.18	0.17	—	0.17	—	2,397	2,397	0.10	0.02	—	2,405
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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.61	5.24	9.06	0.02	0.13	—	0.13	0.12	—	0.12	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.96	1.65	< 0.005	0.02	—	0.02	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	27.4	20.3	458	0.00	0.00	161	161	0.00	37.8	37.8	—	146,048	146,048	1.09	0.82	191	146,510
Vendor	1.26	44.3	22.0	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	44,932	44,932	1.48	6.67	45.8	47,003
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	27.1	25.9	388	0.00	0.00	161	161	0.00	37.8	37.8	—	138,541	138,541	1.36	0.82	4.95	138,823
Vendor	1.18	46.5	22.6	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	44,973	44,973	1.48	6.67	1.19	46,999
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	19.3	18.3	291	0.00	0.00	114	114	0.00	26.7	26.7	—	100,404	100,404	0.97	0.58	58.6	100,661
Vendor	0.87	33.2	15.9	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	32,107	32,107	1.05	4.76	14.1	33,567
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.53	3.33	53.0	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	16,623	16,623	0.16	0.10	9.71	16,666

Vendor	0.16	6.05	2.91	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	5,316	5,316	0.17	0.79	2.34	5,557
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.31. Building Construction (2036) - Unmitigated

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

Location	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	0.83	7.12	12.6	0.02	0.17	—	0.17	0.16	—	0.16	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83	7.12	12.6	0.02	0.17	—	0.17	0.16	—	0.16	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.60	5.10	9.03	0.02	0.12	—	0.12	0.11	—	0.11	—	1,717	1,717	0.07	0.01	—	1,723
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.93	1.65	< 0.005	0.02	—	0.02	0.02	—	0.02	—	284	284	0.01	< 0.005	—	285
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	26.8	20.0	436	0.00	0.00	161	161	0.00	37.8	37.8	—	144,773	144,773	1.09	0.82	166	145,209
Vendor	1.26	42.9	21.6	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	43,453	43,453	1.48	6.25	38.3	45,389
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	26.8	20.5	370	0.00	0.00	161	161	0.00	37.8	37.8	—	137,340	137,340	1.36	0.82	4.28	137,621
Vendor	1.18	45.1	22.1	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	43,494	43,494	1.48	6.25	0.99	45,393
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	19.0	14.7	278	0.00	0.00	114	114	0.00	26.8	26.8	—	99,801	99,801	0.97	0.58	51.2	100,051
Vendor	0.87	32.2	15.6	0.30	0.30	11.5	11.8	0.30	3.17	3.48	—	31,135	31,135	1.06	4.47	11.8	32,506
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.47	2.69	50.8	0.00	0.00	20.8	20.8	0.00	4.88	4.88	—	16,523	16,523	0.16	0.10	8.47	16,565
Vendor	0.16	5.88	2.86	0.06	0.06	2.09	2.15	0.06	0.58	0.63	—	5,155	5,155	0.18	0.74	1.96	5,382
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.33. Building Construction (2037) - Unmitigated

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

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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Off-Road Equipment	0.82	6.99	12.5	0.02	0.16	—	0.16	0.14	—	0.14	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	6.99	12.5	0.02	0.16	—	0.16	0.14	—	0.14	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	4.99	8.93	0.02	0.11	—	0.11	0.10	—	0.10	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.91	1.63	< 0.005	0.02	—	0.02	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	25.7	20.0	419	0.00	0.00	161	161	0.00	37.8	37.8	—	143,545	143,545	1.09	0.82	143	143,958
Vendor	1.22	41.9	21.1	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	42,132	42,132	1.48	6.25	31.7	44,062
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	26.0	20.3	353	0.00	0.00	161	161	0.00	37.8	37.8	—	136,177	136,177	1.09	0.82	3.70	136,451

Vendor	1.18	44.1	21.6	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	42,174	42,174	1.48	6.25	0.82	44,073
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	18.4	14.5	265	0.00	0.00	114	114	0.00	26.7	26.7	—	98,687	98,687	0.78	0.58	44.0	98,924
Vendor	0.84	31.4	15.2	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	30,107	30,107	1.05	4.46	9.77	31,472
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.35	2.64	48.4	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	16,339	16,339	0.13	0.10	7.29	16,378
Vendor	0.15	5.73	2.78	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,985	4,985	0.17	0.74	1.62	5,211
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.35. Building Construction (2038) - Unmitigated

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

Location	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	0.81	6.89	12.5	0.02	0.15	—	0.15	0.14	—	0.14	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.81	6.89	12.5	0.02	0.15	—	0.15	0.14	—	0.14	—	2,397	2,397	0.10	0.02	—	2,405
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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.58	4.92	8.90	0.02	0.11	—	0.11	0.10	—	0.10	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.90	1.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	24.9	19.7	407	0.00	0.00	161	161	0.00	37.8	37.8	—	142,657	142,657	1.09	0.82	123	143,051
Vendor	1.22	40.9	20.2	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	40,942	40,942	1.43	5.82	26.0	42,739
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	25.2	20.3	341	0.00	0.00	161	161	0.00	37.8	37.8	—	135,333	135,333	1.09	0.82	3.19	135,607
Vendor	1.13	42.7	20.7	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	40,985	40,985	1.43	5.82	0.68	42,755
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	17.8	14.5	256	0.00	0.00	114	114	0.00	26.7	26.7	—	98,077	98,077	0.78	0.58	37.9	98,308
Vendor	0.84	30.4	14.6	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	29,257	29,257	1.02	4.16	8.04	30,530
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.25	2.64	46.8	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	16,238	16,238	0.13	0.10	6.27	16,276

Vendor	0.15	5.54	2.67	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,844	4,844	0.17	0.69	1.33	5,055
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.37. Building Construction (2039) - Unmitigated

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

Location	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	0.80	6.78	12.4	0.02	0.15	—	0.15	0.13	—	0.13	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	6.78	12.4	0.02	0.15	—	0.15	0.13	—	0.13	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	4.84	8.86	0.02	0.10	—	0.10	0.10	—	0.10	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.88	1.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	24.4	14.7	395	0.00	0.00	161	161	0.00	37.8	37.8	—	141,705	141,705	1.09	0.82	106	142,081
Vendor	1.22	39.8	19.7	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	39,879	39,879	1.43	5.82	21.0	41,671
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	24.4	20.3	329	0.00	0.00	161	161	0.00	37.8	37.8	—	134,431	134,431	1.09	0.82	2.74	134,704
Vendor	1.13	41.7	20.3	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	39,922	39,922	1.43	5.82	0.55	41,693
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	17.2	14.3	248	0.00	0.00	114	114	0.00	26.7	26.7	—	97,419	97,419	0.78	0.58	32.6	97,645
Vendor	0.84	30.0	14.3	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	28,498	28,498	1.02	4.16	6.47	29,769
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.14	2.61	45.3	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	16,129	16,129	0.13	0.10	5.39	16,166
Vendor	0.15	5.47	2.60	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,718	4,718	0.17	0.69	1.07	4,929
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.39. Building Construction (2040) - Unmitigated

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

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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Off-Road Equipment	0.80	6.71	12.4	0.02	0.14	—	0.14	0.13	—	0.13	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	6.71	12.4	0.02	0.14	—	0.14	0.13	—	0.13	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	4.80	8.87	0.02	0.10	—	0.10	0.09	—	0.09	—	1,717	1,717	0.07	0.01	—	1,723
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.88	1.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	284	284	0.01	< 0.005	—	285
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	23.3	14.7	384	0.00	0.00	161	161	0.00	37.8	37.8	—	140,866	140,866	0.82	0.82	90.7	141,220
Vendor	1.22	39.3	19.7	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	38,927	38,927	1.43	5.82	16.8	40,714
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	23.0	20.0	322	0.00	0.00	161	161	0.00	37.8	37.8	—	133,641	133,641	1.09	0.82	2.35	133,914

Vendor	1.13	41.1	20.2	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	38,970	38,970	1.43	5.82	0.44	40,741
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	16.5	14.3	244	0.00	0.00	114	114	0.00	26.8	26.8	—	97,113	97,113	0.78	0.58	28.1	97,335
Vendor	0.84	29.4	14.3	0.30	0.30	11.5	11.8	0.30	3.17	3.48	—	27,894	27,894	1.03	4.17	5.18	29,167
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	3.01	2.61	44.5	0.00	0.00	20.8	20.8	0.00	4.88	4.88	—	16,078	16,078	0.13	0.10	4.64	16,115
Vendor	0.15	5.36	2.61	0.06	0.06	2.09	2.15	0.06	0.58	0.63	—	4,618	4,618	0.17	0.69	0.86	4,829
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.41. Building Construction (2041) - Unmitigated

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

Location	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	0.80	6.65	12.3	0.02	0.14	—	0.14	0.13	—	0.13	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.80	6.65	12.3	0.02	0.14	—	0.14	0.13	—	0.13	—	2,397	2,397	0.10	0.02	—	2,405
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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	4.75	8.81	0.02	0.10	—	0.10	0.09	—	0.09	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.87	1.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	17.4	14.4	373	0.00	0.00	161	161	0.00	37.8	37.8	—	140,139	140,139	0.82	0.54	77.8	140,399
Vendor	1.22	38.3	19.3	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	38,076	38,076	1.39	5.82	13.4	39,859
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	17.4	15.0	316	0.00	0.00	161	161	0.00	37.8	37.8	—	132,954	132,954	1.09	0.82	2.02	133,227
Vendor	1.13	40.1	19.8	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	38,120	38,120	1.39	5.82	0.35	39,890
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	12.2	10.7	235	0.00	0.00	114	114	0.00	26.7	26.7	—	96,350	96,350	0.78	0.58	24.0	96,567
Vendor	0.87	28.6	13.9	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	27,211	27,211	0.99	4.16	4.13	28,478
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.24	1.95	42.9	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,952	15,952	0.13	0.10	3.98	15,988

Vendor	0.16	5.21	2.54	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,505	4,505	0.16	0.69	0.68	4,715
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.43. Building Construction (2042) - Unmitigated

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

Location	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	0.79	6.60	12.3	0.02	0.13	—	0.13	0.12	—	0.12	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	6.60	12.3	0.02	0.13	—	0.13	0.12	—	0.12	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.57	4.72	8.81	0.02	0.10	—	0.10	0.09	—	0.09	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.86	1.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	16.9	14.4	361	0.00	0.00	161	161	0.00	37.8	37.8	—	139,494	139,494	0.82	0.54	66.8	139,743
Vendor	1.26	37.8	18.8	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	37,326	37,326	1.39	5.39	10.8	38,980
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	16.6	15.0	304	0.00	0.00	161	161	0.00	37.8	37.8	—	132,344	132,344	1.09	0.82	1.74	132,616
Vendor	1.13	39.6	19.3	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	37,371	37,371	1.39	5.39	0.28	39,013
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	11.9	10.5	231	0.00	0.00	114	114	0.00	26.7	26.7	—	95,907	95,907	0.78	0.58	20.6	96,121
Vendor	0.87	28.2	13.6	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	26,675	26,675	0.99	3.85	3.34	27,851
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.16	1.92	42.1	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,878	15,878	0.13	0.10	3.41	15,914
Vendor	0.16	5.14	2.48	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,416	4,416	0.16	0.64	0.55	4,611
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.45. Building Construction (2043) - Unmitigated

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

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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Off-Road Equipment	0.79	6.55	12.3	0.02	0.13	—	0.13	0.12	—	0.12	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.79	6.55	12.3	0.02	0.13	—	0.13	0.12	—	0.12	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	4.68	8.77	0.02	0.09	—	0.09	0.09	—	0.09	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.85	1.60	< 0.005	0.02	—	0.02	0.02	—	0.02	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	16.3	14.4	356	0.00	0.00	161	161	0.00	37.8	37.8	—	138,921	138,921	0.82	0.54	57.2	139,161
Vendor	1.26	37.3	18.8	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	36,671	36,671	1.39	5.39	8.82	38,322
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	16.6	14.7	298	0.00	0.00	161	161	0.00	37.8	37.8	—	131,806	131,806	1.09	0.82	1.48	132,078

Vendor	1.18	39.2	19.3	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	36,715	36,715	1.39	5.39	0.23	38,358
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	11.9	10.5	226	0.00	0.00	114	114	0.00	26.7	26.7	—	95,515	95,515	0.58	0.58	17.6	95,721
Vendor	0.87	27.9	13.6	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	26,207	26,207	0.99	3.85	2.72	27,383
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.16	1.92	41.3	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,814	15,814	0.10	0.10	2.92	15,848
Vendor	0.16	5.08	2.48	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,339	4,339	0.16	0.64	0.45	4,533
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.47. Building Construction (2044) - Unmitigated

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

Location	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	0.78	6.48	12.2	0.02	0.12	—	0.12	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.78	6.48	12.2	0.02	0.12	—	0.12	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.56	4.64	8.76	0.02	0.09	—	0.09	0.08	—	0.08	—	1,717	1,717	0.07	0.01	—	1,723
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.85	1.60	< 0.005	0.02	—	0.02	0.01	—	0.01	—	284	284	0.01	< 0.005	—	285
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	16.3	14.2	350	0.00	0.00	161	161	0.00	37.8	37.8	—	138,435	138,435	0.82	0.54	49.0	138,666
Vendor	1.26	36.8	18.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	36,095	36,095	1.39	5.39	7.18	37,745
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	16.1	14.7	297	0.00	0.00	161	161	0.00	37.8	37.8	—	131,345	131,345	0.82	0.82	1.27	131,610
Vendor	1.18	38.7	18.9	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	36,141	36,141	1.35	5.39	0.19	37,782
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	11.5	10.5	223	0.00	0.00	114	114	0.00	26.8	26.8	—	95,443	95,443	0.58	0.58	15.2	95,647
Vendor	0.87	27.6	13.3	0.30	0.30	11.5	11.8	0.30	3.17	3.48	—	25,867	25,867	1.00	3.86	2.21	27,045
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.10	1.92	40.6	0.00	0.00	20.8	20.8	0.00	4.88	4.88	—	15,802	15,802	0.10	0.10	2.51	15,835

Vendor	0.16	5.03	2.42	0.06	0.06	2.09	2.15	0.06	0.58	0.63	—	4,283	4,283	0.17	0.64	0.37	4,478
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.49. Building Construction (2045) - Unmitigated

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

Location	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	0.77	6.42	12.2	0.02	0.12	—	0.12	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	6.42	12.2	0.02	0.12	—	0.12	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	4.59	8.68	0.02	0.09	—	0.09	0.08	—	0.08	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.84	1.58	< 0.005	0.02	—	0.02	0.01	—	0.01	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.5	14.2	349	0.00	0.00	161	161	0.00	37.8	37.8	—	138,000	138,000	0.82	0.54	42.0	138,225
Vendor	1.22	36.3	18.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	35,598	35,598	0.93	5.39	5.80	37,235
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.5	14.7	292	0.00	0.00	161	161	0.00	37.8	37.8	—	130,935	130,935	0.82	0.82	1.09	131,200
Vendor	1.13	38.2	18.8	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	35,644	35,644	0.93	5.39	0.15	37,275
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	11.1	10.3	222	0.00	0.00	114	114	0.00	26.7	26.7	—	94,886	94,886	0.58	0.58	13.0	95,087
Vendor	0.84	27.2	13.2	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	25,441	25,441	0.66	3.85	1.79	26,608
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	2.02	1.88	40.5	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,709	15,709	0.10	0.10	2.15	15,743
Vendor	0.15	4.96	2.42	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,212	4,212	0.11	0.64	0.30	4,405
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.51. Building Construction (2046) - Unmitigated

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

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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Off-Road Equipment	0.77	6.38	12.1	0.02	0.12	—	0.12	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	6.38	12.1	0.02	0.12	—	0.12	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	4.56	8.66	0.02	0.08	—	0.08	0.08	—	0.08	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.83	1.58	< 0.005	0.02	—	0.02	0.01	—	0.01	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.2	14.2	344	0.00	0.00	161	161	0.00	37.8	37.8	—	137,627	137,627	0.82	0.54	36.1	137,845
Vendor	1.22	36.2	17.9	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	35,169	35,169	0.93	5.39	4.70	36,805
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.2	14.7	291	0.00	0.00	161	161	0.00	37.8	37.8	—	130,581	130,581	0.82	0.82	0.94	130,846

Vendor	1.13	38.1	18.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	35,215	35,215	0.93	5.39	0.12	36,846
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	10.9	10.3	218	0.00	0.00	114	114	0.00	26.7	26.7	—	94,630	94,630	0.58	0.58	11.2	94,830
Vendor	0.84	27.1	12.9	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	25,135	25,135	0.66	3.85	1.45	26,301
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.99	1.88	39.7	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,667	15,667	0.10	0.10	1.85	15,700
Vendor	0.15	4.95	2.36	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,161	4,161	0.11	0.64	0.24	4,354
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.53. Building Construction (2047) - Unmitigated

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

Location	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	0.76	6.33	12.1	0.02	0.11	—	0.11	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	6.33	12.1	0.02	0.11	—	0.11	0.11	—	0.11	—	2,397	2,397	0.10	0.02	—	2,405
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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	4.52	8.63	0.02	0.08	—	0.08	0.08	—	0.08	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.83	1.58	< 0.005	0.01	—	0.01	0.01	—	0.01	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.0	14.2	344	0.00	0.00	161	161	0.00	37.8	37.8	—	137,309	137,309	0.82	0.54	31.1	137,523
Vendor	1.22	35.8	17.9	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	34,802	34,802	0.93	5.39	3.81	36,436
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.2	14.4	291	0.00	0.00	161	161	0.00	37.8	37.8	—	130,284	130,284	0.82	0.82	0.81	130,549
Vendor	1.13	37.7	18.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	34,848	34,848	0.93	5.39	0.10	36,479
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	10.7	10.3	218	0.00	0.00	114	114	0.00	26.7	26.7	—	94,411	94,411	0.58	0.39	9.57	94,551
Vendor	0.84	26.8	12.9	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	24,872	24,872	0.66	3.85	1.18	26,038
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.95	1.88	39.7	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,631	15,631	0.10	0.06	1.58	15,654

Vendor	0.15	4.89	2.36	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,118	4,118	0.11	0.64	0.19	4,311
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.55. Building Construction (2048) - Unmitigated

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

Location	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	0.76	6.26	12.0	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	6.26	12.0	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	4.48	8.56	0.02	0.08	—	0.08	0.07	—	0.07	—	1,717	1,717	0.07	0.01	—	1,723
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.82	1.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	284	284	0.01	< 0.005	—	285
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.0	14.2	344	0.00	0.00	161	161	0.00	37.8	37.8	—	137,059	137,059	0.82	0.54	27.1	137,269
Vendor	1.18	35.7	17.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	34,486	34,486	0.88	5.39	3.10	36,119
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.0	14.4	285	0.00	0.00	161	161	0.00	37.8	37.8	—	130,048	130,048	0.82	0.82	0.70	130,313
Vendor	1.09	37.6	17.9	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	34,533	34,533	0.88	5.39	0.08	36,163
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	10.7	10.3	218	0.00	0.00	114	114	0.00	26.8	26.8	—	94,500	94,500	0.58	0.39	8.35	94,640
Vendor	0.81	26.8	12.7	0.30	0.30	11.5	11.8	0.30	3.17	3.48	—	24,715	24,715	0.63	3.86	0.96	25,883
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.96	1.89	39.8	0.00	0.00	20.8	20.8	0.00	4.88	4.88	—	15,646	15,646	0.10	0.06	1.38	15,669
Vendor	0.15	4.89	2.31	0.06	0.06	2.09	2.15	0.06	0.58	0.63	—	4,092	4,092	0.10	0.64	0.16	4,285
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.57. Building Construction (2049) - Unmitigated

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

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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Off-Road Equipment	0.76	6.22	11.9	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76	6.22	11.9	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	4.45	8.53	0.02	0.08	—	0.08	0.07	—	0.07	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.81	1.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.0	14.2	343	0.00	0.00	161	161	0.00	37.8	37.8	—	136,849	136,849	0.82	0.54	23.6	137,055
Vendor	1.18	35.7	17.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	34,218	34,218	0.88	5.39	2.52	35,850
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.0	14.4	285	0.00	0.00	161	161	0.00	37.8	37.8	—	129,849	129,849	0.82	0.82	0.61	130,113

Vendor	1.09	37.7	17.9	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	34,265	34,265	0.88	5.39	0.07	35,895
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	10.7	10.3	217	0.00	0.00	114	114	0.00	26.7	26.7	—	94,096	94,096	0.58	0.39	7.30	94,234
Vendor	0.81	26.8	12.6	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	24,456	24,456	0.63	3.85	0.78	25,620
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.95	1.88	39.6	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,579	15,579	0.10	0.06	1.21	15,601
Vendor	0.15	4.88	2.29	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,049	4,049	0.10	0.64	0.13	4,242
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.59. Building Construction (2050) - Unmitigated

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

Location	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	0.75	6.19	11.9	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.75	6.19	11.9	0.02	0.11	—	0.11	0.10	—	0.10	—	2,397	2,397	0.10	0.02	—	2,405
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

Montebello General Plan Update - Operational Mitigated Detailed Report, 10/19/2023

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.54	4.42	8.53	0.02	0.08	—	0.08	0.07	—	0.07	—	1,712	1,712	0.07	0.01	—	1,718
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.81	1.56	< 0.005	0.01	—	0.01	0.01	—	0.01	—	283	283	0.01	< 0.005	—	284
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.0	14.2	343	0.00	0.00	161	161	0.00	37.8	37.8	—	136,675	136,675	0.82	0.54	20.7	136,879
Vendor	1.18	35.3	17.4	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	33,989	33,989	0.88	4.97	2.05	35,494
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	15.0	14.4	285	0.00	0.00	161	161	0.00	37.8	37.8	—	129,685	129,685	0.82	0.82	0.54	129,949
Vendor	1.09	37.2	17.8	0.43	0.43	16.2	16.6	0.43	4.47	4.90	—	34,037	34,037	0.88	4.97	0.05	35,540
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	10.7	10.3	217	0.00	0.00	114	114	0.00	26.7	26.7	—	93,979	93,979	0.58	0.39	6.38	94,116
Vendor	0.81	26.5	12.5	0.30	0.30	11.4	11.7	0.30	3.16	3.47	—	24,292	24,292	0.63	3.55	0.63	25,367
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.95	1.88	39.6	0.00	0.00	20.8	20.8	0.00	4.87	4.87	—	15,559	15,559	0.10	0.06	1.06	15,582

Vendor	0.15	4.83	2.29	0.06	0.06	2.09	2.14	0.06	0.58	0.63	—	4,022	4,022	0.10	0.59	0.10	4,200
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.61. Building Construction (2051) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	107	107	—	26.7	26.7	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.01	9.01	—	2.25	2.25	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.87	4.87	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.64	1.64	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.63. Building Construction (2052) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	107	107	—	26.8	26.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.04	9.04	—	2.26	2.26	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.88	4.88	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.65	1.65	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.65. Building Construction (2053) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—

Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	107	107	—	26.7	26.7	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.01	9.01	—	2.25	2.25	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.87	4.87	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.64	1.64	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.67. Building Construction (2054) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	107	107	—	26.7	26.7	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.01	9.01	—	2.25	2.25	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.87	4.87	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.64	1.64	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.69. Building Construction (2055) - Unmitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	—	—	—	—	—	107	107	—	26.7	26.7	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.01	9.01	—	2.25	2.25	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.87	4.87	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.64	1.64	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.71. Building Construction (2056) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	107	107	—	26.8	26.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.04	9.04	—	2.26	2.26	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.88	4.88	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.65	1.65	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.73. Building Construction (2057) - Unmitigated

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

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

Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	107	107	—	26.7	26.7	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.01	9.01	—	2.25	2.25	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.87	4.87	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.64	1.64	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.75. Building Construction (2058) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—

Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	107	107	—	26.7	26.7	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	9.01	9.01	—	2.25	2.25	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	19.5	19.5	—	4.87	4.87	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.64	1.64	—	0.41	0.41	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.77. Building Construction (2059) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	151	151	—	37.8	37.8	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	12.8	12.8	—	3.19	3.19	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	80.4	80.4	—	20.1	20.1	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	6.79	6.79	—	1.70	1.70	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	14.7	14.7	—	3.67	3.67	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	1.24	1.24	—	0.31	0.31	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.79. Paving (2059) - Unmitigated

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

Location	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.18	0.18	—	0.05	0.05	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.81. Paving (2060) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.18	0.18	—	0.05	0.05	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.18	0.18	—	0.05	0.05	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.13	0.13	—	0.03	0.03	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.83. Paving (2061) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paving	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.18	0.18	—	0.05	0.05	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.18	0.18	—	0.05	0.05	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.11	0.11	—	0.03	0.03	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.02	0.02	—	0.01	0.01	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.85. Architectural Coating (2061) - Unmitigated

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

Location	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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	30.3	30.3	—	7.56	7.56	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	2.92	2.92	—	0.73	0.73	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	0.53	0.53	—	0.13	0.13	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.87. Architectural Coating (2062) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	30.3	30.3	—	7.56	7.56	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	30.3	30.3	—	7.56	7.56	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	21.3	21.3	—	5.34	5.34	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	3.90	3.90	—	0.97	0.97	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

3.89. Architectural Coating (2063) - Unmitigated

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

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

Architectu Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectu ral Coatings	0.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	30.3	30.3	—	7.56	7.56	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	30.3	30.3	—	7.56	7.56	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	20.8	20.8	—	5.20	5.20	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	—	—	—	—	—	3.80	3.80	—	0.95	0.95	—	—	—	—	—	—	—
Vendor	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Hauling	—	—	—	—	—	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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	196	119	1,666	4.68	1.82	522	524	1.70	133	134	—	476,662	476,662	16.6	17.4	124	482,375

General Office Building	7.50	4.39	60.4	0.17	0.07	18.6	18.7	0.06	4.72	4.78	—	17,013	17,013	0.61	0.64	4.42	17,222
Hotel	1.81	1.06	14.6	0.04	0.02	4.50	4.51	0.01	1.14	1.16	—	4,116	4,116	0.15	0.15	1.07	4,167
Total	205	124	1,741	4.89	1.90	545	547	1.77	139	140	—	497,791	497,791	17.4	18.2	130	503,764
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	196	130	1,535	4.48	1.82	522	524	1.70	133	134	—	457,039	457,039	17.1	18.2	3.22	462,888
General Office Building	7.50	4.79	55.9	0.16	0.07	18.6	18.7	0.06	4.72	4.78	—	16,315	16,315	0.64	0.66	0.11	16,529
Hotel	1.81	1.16	13.5	0.04	0.02	4.50	4.51	0.01	1.14	1.16	—	3,947	3,947	0.15	0.16	0.03	3,999
Total	205	136	1,604	4.68	1.90	545	547	1.78	139	140	—	477,302	477,302	17.9	19.0	3.36	483,416
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	33.6	22.6	273	0.79	0.32	89.6	89.9	0.29	22.8	23.0	—	72,762	72,762	2.68	2.87	8.44	73,692
General Office Building	1.02	0.66	7.91	0.02	0.01	2.54	2.55	0.01	0.64	0.65	—	2,068	2,068	0.08	0.08	0.24	2,095
Hotel	0.31	0.20	2.42	0.01	< 0.005	0.78	0.78	< 0.005	0.20	0.20	—	632	632	0.02	0.03	0.07	640
Total	34.9	23.4	283	0.82	0.33	92.9	93.2	0.31	23.6	23.9	—	75,462	75,462	2.78	2.97	8.76	76,427

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartmen ts Mid Rise	—	—	—	—	—	—	—	—	—	—	—	44,246	44,246	5.60	0.68	—	44,588
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4,698	4,698	0.59	0.07	—	4,734
Hotel	—	—	—	—	—	—	—	—	—	—	—	1,510	1,510	0.19	0.02	—	1,522
Total	—	—	—	—	—	—	—	—	—	—	—	50,454	50,454	6.38	0.77	—	50,844
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartmen ts Mid Rise	—	—	—	—	—	—	—	—	—	—	—	44,246	44,246	5.60	0.68	—	44,588
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4,698	4,698	0.59	0.07	—	4,734
Hotel	—	—	—	—	—	—	—	—	—	—	—	1,510	1,510	0.19	0.02	—	1,522
Total	—	—	—	—	—	—	—	—	—	—	—	50,454	50,454	6.38	0.77	—	50,844
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartmen ts Mid Rise	—	—	—	—	—	—	—	—	—	—	—	7,325	7,325	0.93	0.11	—	7,382
General Office Building	—	—	—	—	—	—	—	—	—	—	—	778	778	0.10	0.01	—	784
Hotel	—	—	—	—	—	—	—	—	—	—	—	250	250	0.03	< 0.005	—	252
Total	—	—	—	—	—	—	—	—	—	—	—	8,353	8,353	1.06	0.13	—	8,418

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	2.77	47.4	20.2	0.30	3.83	—	3.83	3.83	—	3.83	—	60,132	60,132	5.32	0.11	—	60,299
General Office Building	0.14	2.51	2.11	0.02	0.19	—	0.19	0.19	—	0.19	—	2,997	2,997	0.27	0.01	—	3,005
Hotel	0.06	1.17	0.98	0.01	0.09	—	0.09	0.09	—	0.09	—	1,397	1,397	0.12	< 0.005	—	1,401
Total	2.97	51.1	23.3	0.32	4.11	—	4.11	4.11	—	4.11	—	64,526	64,526	5.71	0.12	—	64,705
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	2.77	47.4	20.2	0.30	3.83	—	3.83	3.83	—	3.83	—	60,132	60,132	5.32	0.11	—	60,299
General Office Building	0.14	2.51	2.11	0.02	0.19	—	0.19	0.19	—	0.19	—	2,997	2,997	0.27	0.01	—	3,005
Hotel	0.06	1.17	0.98	0.01	0.09	—	0.09	0.09	—	0.09	—	1,397	1,397	0.12	< 0.005	—	1,401
Total	2.97	51.1	23.3	0.32	4.11	—	4.11	4.11	—	4.11	—	64,526	64,526	5.71	0.12	—	64,705
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	0.51	8.65	3.68	0.06	0.70	—	0.70	0.70	—	0.70	—	9,956	9,956	0.88	0.02	—	9,983
General Office Building	0.03	0.46	0.39	< 0.005	0.03	—	0.03	0.03	—	0.03	—	496	496	0.04	< 0.005	—	498
Hotel	0.01	0.21	0.18	< 0.005	0.02	—	0.02	0.02	—	0.02	—	231	231	0.02	< 0.005	—	232
Total	0.54	9.32	4.24	0.06	0.75	—	0.75	0.75	—	0.75	—	10,683	10,683	0.95	0.02	—	10,713

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	42,955	42,955	5.44	0.66	—	43,287
Consumer Products	358	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	28.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	87.0	9.04	986	0.04	0.47	—	0.47	0.35	—	0.35	—	2,655	2,655	0.11	0.02	—	2,665
Total	474	9.04	986	0.04	0.47	—	0.47	0.35	—	0.35	0.00	45,610	45,610	5.55	0.68	—	45,952
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	42,955	42,955	5.44	0.66	—	43,287
Consumer Products	358	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	28.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	387	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	42,955	42,955	5.44	0.66	—	43,287
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	487	487	0.06	0.01	—	491

Consume Products	65.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	5.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	10.9	1.13	123	0.01	0.06	—	0.06	0.04	—	0.04	—	301	301	0.01	< 0.005	—	302
Total	81.4	1.13	123	0.01	0.06	—	0.06	0.04	—	0.04	0.00	788	788	0.07	0.01	—	793

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	2,056	5,403	7,459	49.9	4.57	—	10,068
General Office Building	—	—	—	—	—	—	—	—	—	—	140	352	492	3.40	0.31	—	670
Hotel	—	—	—	—	—	—	—	—	—	—	5.64	16.4	22.1	0.14	0.01	—	29.2
Total	—	—	—	—	—	—	—	—	—	—	2,201	5,772	7,973	53.4	4.90	—	10,768
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	2,056	5,403	7,459	49.9	4.57	—	10,068

General Office Building	—	—	—	—	—	—	—	—	—	—	140	352	492	3.40	0.31	—	670
Hotel	—	—	—	—	—	—	—	—	—	—	5.64	16.4	22.1	0.14	0.01	—	29.2
Total	—	—	—	—	—	—	—	—	—	—	2,201	5,772	7,973	53.4	4.90	—	10,768
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	340	895	1,235	8.26	0.76	—	1,667
General Office Building	—	—	—	—	—	—	—	—	—	—	23.2	58.3	81.5	0.56	0.05	—	111
Hotel	—	—	—	—	—	—	—	—	—	—	0.93	2.72	3.65	0.02	< 0.005	—	4.84
Total	—	—	—	—	—	—	—	—	—	—	364	956	1,320	8.84	0.81	—	1,783

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	20,481	0.00	20,481	2,047	0.00	—	71,656
General Office Building	—	—	—	—	—	—	—	—	—	—	219	0.00	219	21.9	0.00	—	765
Hotel	—	—	—	—	—	—	—	—	—	—	20.7	0.00	20.7	2.07	0.00	—	72.6
Total	—	—	—	—	—	—	—	—	—	—	20,720	0.00	20,720	2,071	0.00	—	72,494

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartmen ts Mid Rise	—	—	—	—	—	—	—	—	—	—	20,481	0.00	20,481	2,047	0.00	—	71,656
General Office Building	—	—	—	—	—	—	—	—	—	—	219	0.00	219	21.9	0.00	—	765
Hotel	—	—	—	—	—	—	—	—	—	—	20.7	0.00	20.7	2.07	0.00	—	72.6
Total	—	—	—	—	—	—	—	—	—	—	20,720	0.00	20,720	2,071	0.00	—	72,494
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartmen ts Mid Rise	—	—	—	—	—	—	—	—	—	—	3,391	0.00	3,391	339	0.00	—	11,863
General Office Building	—	—	—	—	—	—	—	—	—	—	36.2	0.00	36.2	3.62	0.00	—	127
Hotel	—	—	—	—	—	—	—	—	—	—	3.43	0.00	3.43	0.34	0.00	—	12.0
Total	—	—	—	—	—	—	—	—	—	—	3,430	0.00	3,430	343	0.00	—	12,002

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartmen ts Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	116	116

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.90	0.90
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	236	236
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	353	353
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	116	116
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.90	0.90
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	236	236
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	353	353
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Apartments Mid Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	19.2	19.2
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.15	0.15
Hotel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	39.1	39.1
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	58.5	58.5

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/1/2024	12/1/2025	5.00	500	—
Site Preparation	Site Preparation	12/2/2025	1/26/2027	5.00	300	—
Grading	Grading	1/27/2027	1/16/2030	5.00	775	—

Building Construction	Building Construction	1/17/2030	10/2/2059	5.00	7,750	—
Paving	Paving	10/3/2059	11/11/2061	5.00	550	—
Architectural Coating	Architectural Coating	11/12/2061	12/22/2063	5.00	550	—

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	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36

Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

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	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	0.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	12,344	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	1,891	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	2,469	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	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	32,839,992	10,946,664	779,945	259,982	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	—	—
Site Preparation	—	—	450	0.00	—
Grading	—	—	2,325	0.00	—

Paving	0.00	0.00	0.00	0.00	0.00
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5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Apartments Mid Rise	—	0%
General Office Building	0.00	0%
Hotel	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	532	0.03	< 0.005
2025	0.00	532	0.03	< 0.005
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005
2028	0.00	532	0.03	< 0.005
2029	0.00	532	0.03	< 0.005
2030	0.00	532	0.03	< 0.005
2031	0.00	532	0.03	< 0.005
2032	0.00	532	0.03	< 0.005
2033	0.00	532	0.03	< 0.005
2034	0.00	532	0.03	< 0.005
2035	0.00	532	0.03	< 0.005
2036	0.00	532	0.03	< 0.005

2037	0.00	532	0.03	< 0.005
2038	0.00	532	0.03	< 0.005
2039	0.00	532	0.03	< 0.005
2040	0.00	532	0.03	< 0.005
2041	0.00	532	0.03	< 0.005
2042	0.00	532	0.03	< 0.005
2043	0.00	532	0.03	< 0.005
2044	0.00	532	0.03	< 0.005
2045	0.00	532	0.03	< 0.005
2046	0.00	532	0.03	< 0.005
2047	0.00	532	0.03	< 0.005
2048	0.00	532	0.03	< 0.005
2049	0.00	532	0.03	< 0.005
2050	0.00	532	0.03	< 0.005
2051	0.00	532	0.03	< 0.005
2052	0.00	532	0.03	< 0.005
2053	0.00	532	0.03	< 0.005
2054	0.00	532	0.03	< 0.005
2055	0.00	532	0.03	< 0.005
2056	0.00	532	0.03	< 0.005
2057	0.00	532	0.03	< 0.005
2058	0.00	532	0.03	< 0.005
2059	0.00	532	0.03	< 0.005
2060	0.00	532	0.03	< 0.005
2061	0.00	532	0.03	< 0.005
2062	0.00	532	0.03	< 0.005
2063	0.00	532	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Apartments Mid Rise	91,898	82,945	69,092	31,886,744	736,149	664,428	553,465	255,428,864
General Office Building	3,594	815	258	992,892	26,201	5,945	1,883	7,239,155
Hotel	869	852	619	303,355	6,339	6,210	4,512	2,211,752

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Mid Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	15204
No Fireplaces	1689
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

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)
32839992	10,946,664	779,945	259,982	—

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Apartments Mid Rise	61,926,935	261	0.0330	0.0040	187,627,897
General Office Building	6,574,884	261	0.0330	0.0040	9,351,706
Hotel	2,113,161	261	0.0330	0.0040	4,359,858

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Apartments Mid Rise	961,887,420	191,144,295
General Office Building	65,575,755	8,753,430
Hotel	2,638,144	949,000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Apartments Mid Rise	38,002	—
General Office Building	406	—
Hotel	38.5	—

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
Apartments Mid Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Mid Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Hotel	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
Hotel	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
Hotel	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

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
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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
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.2	annual days of extreme heat
Extreme Precipitation	5.55	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	2	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	62.5
AQ-PM	86.1
AQ-DPM	45.4
Drinking Water	30.0
Lead Risk Housing	82.2
Pesticides	41.6
Toxic Releases	84.8
Traffic	56.5
Effect Indicators	—
CleanUp Sites	31.2
Groundwater	47.9
Haz Waste Facilities/Generators	88.4
Impaired Water Bodies	23.9
Solid Waste	42.5
Sensitive Population	—
Asthma	66.0
Cardio-vascular	79.9
Low Birth Weights	37.2
Socioeconomic Factor Indicators	—
Education	85.1
Housing	70.5
Linguistic	90.9
Poverty	68.9
Unemployment	70.0

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	36.80225844
Employed	22.03259335
Median HI	22.89233928
Education	—
Bachelor's or higher	21.19851148
High school enrollment	100
Preschool enrollment	45.13024509
Transportation	—
Auto Access	18.40112922
Active commuting	56.64057487
Social	—
2-parent households	15.0006416
Voting	39.02219941
Neighborhood	—
Alcohol availability	19.91530861
Park access	81.35506224
Retail density	58.28307455
Supermarket access	67.20133453
Tree canopy	53.38123957
Housing	—
Homeownership	33.41460285
Housing habitability	47.52983447
Low-inc homeowner severe housing cost burden	62.78711664

Low-inc renter severe housing cost burden	54.65161042
Uncrowded housing	45.59219813
Health Outcomes	—
Insured adults	21.36532786
Arthritis	0.0
Asthma ER Admissions	37.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	64.9
Cognitively Disabled	7.3
Physically Disabled	3.8
Heart Attack ER Admissions	17.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	84.0
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—

Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	84.9
Elderly	11.7
English Speaking	12.0
Foreign-born	78.0
Outdoor Workers	56.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	17.0
Traffic Density	49.9
Traffic Access	87.4
Other Indices	—
Hardship	67.5
Other Decision Support	—
2016 Voting	34.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	87.0
Healthy Places Index Score for Project Location (b)	26.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Operations: Architectural Coatings	Based on SCAQMD Rule 1113
Operations: Vehicle Data	Adjusted to be consistent with Transportation Analysis VMT data
Operations: Hearths	Based on SCAQMD's requirement for no wood burning hearths
Operations: Water and Waste Water	No septic Tanks
Operations: Solid Waste	Based on Utility Section results