APPENDIX A:

AIR QUALITY MODELING AND GREENHOUSE GAS EMISSIONS WORKSHEETS

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12090 Whittier - M&S Auto Salvage Custom 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

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, 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

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.10. Operational Area Sources

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

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	12090 Whittier - M&S Auto Salvage
Operational Year	2025
Lead Agency	City of Whittier
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	18.2
Location	12090 Whittier Blvd, Whittier, CA 90602, USA
County	Los Angeles-South Coast
City	Whittier
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4815
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
General Light Industry	0.48	1000sqft	1.56	480	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	0.17	1.97	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	503
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.19	1.76	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	481
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	0.19	1.83	< 0.005	< 0.005	0.42	0.42	< 0.005	0.11	0.11	487
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.04	0.03	0.33	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	80.6

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.19	0.17	1.94	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	486
Area	0.01	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.09
Energy	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.3
Water	—	—	—	—	—	—	—	—	—	—	2.02

Waste	—	—	—	—	—	—	—	—	—	—	1.12
Refrig.	—	—	—	—	—	—	—	—	—	—	0.12
Total	0.20	0.17	1.97	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	503
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.18	1.76	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	464
Area	0.01	—	—	—	—	—	—	—	—	—	—
Energy	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.3
Water	—	—	—	—	—	—	—	—	—	—	2.02
Waste	—	—	—	—	—	—	—	—	—	—	1.12
Refrig.	—	—	—	—	—	—	—	—	—	—	0.12
Total	0.19	0.19	1.76	< 0.005	< 0.005	0.43	0.43	< 0.005	0.11	0.11	481
Average Daily	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.18	0.19	1.81	< 0.005	< 0.005	0.42	0.42	< 0.005	0.11	0.11	470
Area	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.06
Energy	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.3
Water	—	—	—	—	—	—	—	—	—	—	2.02
Waste	—	—	—	—	—	—	—	—	—	—	1.12
Refrig.	—	—	—	—	—	—	—	—	—	—	0.12
Total	0.20	0.19	1.83	< 0.005	< 0.005	0.42	0.42	< 0.005	0.11	0.11	487
Annual	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.03	0.03	0.33	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	77.9
Area	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.01
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	2.21
Water	—	—	—	—	—	—	—	—	—	—	0.33
Waste	—	—	—	—	—	—	—	—	—	—	0.19
Refrig.	—	—	—	—	—	—	—	—	—	—	0.02
Total	0.04	0.03	0.33	< 0.005	< 0.005	0.08	0.08	< 0.005	0.02	0.02	80.6

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	6.74
Total	—	—	—	—	—	—	—	—	—	—	6.74
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	6.74
Total	—	—	—	—	—	—	—	—	—	—	6.74
Annual	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	1.12
Total	—	—	—	—	—	—	—	—	—	—	1.12

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	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.60
Total	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.60
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.60
Total	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	6.60
Annual	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.09
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.09

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.09
Total	0.01	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.09
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	0.01	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	—	—	—	—	—	—	—	—	—	—
Total	0.01	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.01
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.01

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	2.02
Total	—	—	—	—	—	—	—	—	—	—	2.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	2.02
Total	—	—	—	—	—	—	—	—	—	—	2.02
Annual	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	0.33

Total	—	—	—	—	—	—	—	—	—	—	0.33

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	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	1.12
Total	—	—	—	—	—	—	—	—	—	—	1.12
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	1.12
Total	—	—	—	—	—	—	—	—	—	—	1.12
Annual	—	—	—	—	—	—	—	—	—	—	—
General Light Industry	—	—	—	—	—	—	—	—	—	—	0.19
Total	—	—	—	—	—	—	—	—	—	—	0.19

5. Activity Data

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
Total all Land Uses	50.0	50.0	50.0	18,250	600	600	600	219,000

5.10. Operational Area Sources

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	720	240	—

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)
General Light Industry	4,605	532	0.0330	0.0040	20,545

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
General Light Industry	111,000	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
General Light Industry	0.60	—

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
General Light Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

8. User Changes to Default Data

Screen	Justification
Land Use	Existing uses based on permitted office building floor area for M&S Auto Salvage. Shade structures are not included.

12090 Whittier Boulevard - GoStoreIt Custom 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

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

3.2. Demolition (2026) - Mitigated

3.3. Grading (2026) - Unmitigated

3.4. Grading (2026) - Mitigated

3.5. Building Construction (2026) - Unmitigated

3.6. Building Construction (2026) - Mitigated

3.7. Building Construction (2027) - Unmitigated

3.8. Building Construction (2027) - Mitigated

3.9. Paving (2027) - Unmitigated

3.10. Paving (2027) - Mitigated

3.11. Architectural Coating (2027) - Unmitigated

3.12. Architectural Coating (2027) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

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

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

8. User Changes to Default Data

8.1. Justifications

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	12090 Whittier Boulevard - GoStoreIt
Construction Start Date	1/6/2026
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80000
Precipitation (days)	18.2000
Location	12090 Whittier Blvd, Whittier, CA 90602, USA
County	Los Angeles-South Coast
City	Whittier
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4815
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.37

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
Unrefrigerated Warehouse-No Rail	149.920	1000sqft	1.70000	149,920	0.00000	—	—	—

General Office Building	0.40000	1000sqft	0.00000	400.000	0.00000	—	—	—
Parking Lot	62.0000	Space	0.00000	0.00000	9,887.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Waste	S-1/S-2	Implement Waste Reduction Plan
Area Sources	AS-1	Use Low-VOC Cleaning Supplies

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

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.	63.5157	10.4985	11.3902	0.02306	0.43277	2.46126	2.89404	0.39925	1.10434	1.50359	—	2,927.44	2,927.44	0.13270	0.18741	4.96809	2,980.14
Mit.	63.5157	10.4985	11.3902	0.02306	0.43277	2.46126	2.89404	0.39925	1.10434	1.50359	—	2,927.44	2,927.44	0.13270	0.18741	4.96809	2,980.14
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	63.5149	19.5698	18.3119	0.03062	0.82110	2.46126	2.89404	0.75542	1.10434	1.50359	—	3,384.41	3,384.41	0.13826	0.18741	0.12894	3,398.00
Mit.	63.5149	19.5698	18.3119	0.03062	0.82110	2.46126	2.89404	0.75542	1.10434	1.50359	—	3,384.41	3,384.41	0.13826	0.18741	0.12894	3,398.00
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.92427	5.87004	8.36770	0.01408	0.21816	0.77488	0.99304	0.19837	0.23378	0.43215	—	2,084.58	2,084.58	0.08835	0.09874	1.25535	2,117.47
Mit.	3.92427	5.87004	8.36770	0.01408	0.21816	0.77488	0.99304	0.19837	0.23378	0.43215	—	2,084.58	2,084.58	0.08835	0.09874	1.25535	2,117.47
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.71618	1.07128	1.52711	0.00257	0.03981	0.14142	0.18123	0.03620	0.04267	0.07887	—	345.126	345.126	0.01463	0.01635	0.20784	350.571
Mit.	0.71618	1.07128	1.52711	0.00257	0.03981	0.14142	0.18123	0.03620	0.04267	0.07887	—	345.126	345.126	0.01463	0.01635	0.20784	350.571
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.06903	10.4985	11.3902	0.02306	0.43277	2.46126	2.89404	0.39925	1.10434	1.50359	—	2,927.44	2,927.44	0.13270	0.18741	4.96809	2,980.14
2027	63.5157	0.87470	1.88334	0.00173	0.01905	0.16494	0.18399	0.01752	0.03866	0.05619	—	301.209	301.209	0.01251	0.00706	0.52254	304.150
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.24495	19.5698	18.3119	0.03062	0.82110	2.46126	2.89404	0.75542	1.10434	1.50359	—	3,384.41	3,384.41	0.13826	0.18741	0.12894	3,398.00
2027	63.5149	5.67100	10.5055	0.01759	0.17266	1.03550	1.20816	0.15929	0.25155	0.41084	—	2,852.95	2,852.95	0.09598	0.14456	0.11873	2,898.55
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.69075	5.87004	8.36770	0.01408	0.21816	0.77488	0.99304	0.19837	0.23378	0.43215	—	2,084.58	2,084.58	0.08835	0.09874	1.25535	2,117.47
2027	3.92427	0.81108	1.50887	0.00239	0.02474	0.13914	0.16388	0.02281	0.03368	0.05649	—	385.260	385.260	0.01279	0.01845	0.26119	391.341
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.12606	1.07128	1.52711	0.00257	0.03981	0.14142	0.18123	0.03620	0.04267	0.07887	—	345.126	345.126	0.01463	0.01635	0.20784	350.571
2027	0.71618	0.14802	0.27537	0.00044	0.00451	0.02539	0.02991	0.00416	0.00615	0.01031	—	63.7843	63.7843	0.00212	0.00306	0.04324	64.7909

2.3. Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.06903	10.4985	11.3902	0.02306	0.43277	2.46126	2.89404	0.39925	1.10434	1.50359	—	2,927.44	2,927.44	0.13270	0.18741	4.96809	2,980.14
2027	63.5157	0.87470	1.88334	0.00173	0.01905	0.16494	0.18399	0.01752	0.03866	0.05619	—	301.209	301.209	0.01251	0.00706	0.52254	304.150
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	2.24495	19.5698	18.3119	0.03062	0.82110	2.46126	2.89404	0.75542	1.10434	1.50359	—	3,384.41	3,384.41	0.13826	0.18741	0.12894	3,398.00
2027	63.5149	5.67100	10.5055	0.01759	0.17266	1.03550	1.20816	0.15929	0.25155	0.41084	—	2,852.95	2,852.95	0.09598	0.14456	0.11873	2,898.55

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.69075	5.87004	8.36770	0.01408	0.21816	0.77488	0.99304	0.19837	0.23378	0.43215	—	2,084.58	2,084.58	0.08835	0.09874	1.25535	2,117.47
2027	3.92427	0.81108	1.50887	0.00239	0.02474	0.13914	0.16388	0.02281	0.03368	0.05649	—	385.260	385.260	0.01279	0.01845	0.26119	391.341
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.12606	1.07128	1.52711	0.00257	0.03981	0.14142	0.18123	0.03620	0.04267	0.07887	—	345.126	345.126	0.01463	0.01635	0.20784	350.571
2027	0.71618	0.14802	0.27537	0.00044	0.00451	0.02539	0.02991	0.00416	0.00615	0.01031	—	63.7843	63.7843	0.00212	0.00306	0.04324	64.7909

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.	5.56320	1.47671	14.7866	0.02379	0.08235	1.76008	1.84243	0.07871	0.44707	0.52578	76.2866	3,906.23	3,982.51	7.85958	0.08339	5.87412	4,209.73
Mit.	5.32269	1.47671	14.7866	0.02379	0.08235	1.76008	1.84243	0.07871	0.44707	0.52578	38.2114	3,906.23	3,944.44	4.05410	0.08339	5.87412	4,076.52
% Reduced	4%	—	—	—	—	—	—	—	—	—	50%	—	1%	48%	—	—	3%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.47946	1.48222	7.62028	0.02261	0.07074	1.76008	1.83082	0.06994	0.44707	0.51701	76.2866	3,799.54	3,875.83	7.86189	0.08684	0.15325	4,098.41
Mit.	4.23895	1.48222	7.62028	0.02261	0.07074	1.76008	1.83082	0.06994	0.44707	0.51701	38.2114	3,799.54	3,837.76	4.05642	0.08684	0.15325	3,965.20
% Reduced	5%	—	—	—	—	—	—	—	—	—	50%	—	1%	48%	—	—	3%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.20563	1.52429	12.2615	0.02302	0.07865	1.73336	1.81201	0.07591	0.44036	0.51628	76.2866	3,832.82	3,909.11	7.86174	0.08697	2.52788	4,134.09
Mit.	4.96511	1.52429	12.2615	0.02302	0.07865	1.73336	1.81201	0.07591	0.44036	0.51628	38.2114	3,832.82	3,871.03	4.05627	0.08697	2.52788	4,000.88
% Reduced	5%	—	—	—	—	—	—	—	—	—	50%	—	1%	48%	—	—	3%

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.95003	0.27818	2.23773	0.00420	0.01435	0.31634	0.33069	0.01385	0.08037	0.09422	12.6301	634.567	647.197	1.30160	0.01440	0.41852	684.446
Mit.	0.90613	0.27818	2.23773	0.00420	0.01435	0.31634	0.33069	0.01385	0.08037	0.09422	6.32633	634.567	640.893	0.67156	0.01440	0.41852	662.391
% Reduced	5%	—	—	—	—	—	—	—	—	—	50%	—	1%	48%	—	—	3%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

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
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.84804	0.64275	7.59468	0.01872	0.01153	1.76008	1.77161	0.01074	0.44707	0.45780	—	1,915.07	1,915.07	0.08708	0.07329	5.87315	1,944.96
Area	4.67232	0.05501	6.53758	0.00039	0.01161	—	0.01161	0.00878	—	0.00878	—	26.8842	26.8842	0.00113	0.00023	—	26.9812
Energy	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	1,962.49	1,962.49	0.14634	0.00952	—	1,968.99
Water	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Waste	—	—	—	—	—	—	—	—	—	—	76.1503	0.00000	76.1503	7.61095	0.00000	—	266.424

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	5.56320	1.47671	14.7866	0.02379	0.08235	1.76008	1.84243	0.07871	0.44707	0.52578	76.2866	3,906.23	3,982.51	7.85958	0.08339	5.87412	4,209.73
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.83789	0.70327	6.96596	0.01793	0.01154	1.76008	1.77162	0.01074	0.44707	0.45781	—	1,835.27	1,835.27	0.09053	0.07697	0.15228	1,860.63
Area	3.59873	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	1,962.49	1,962.49	0.14634	0.00952	—	1,968.99
Water	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Waste	—	—	—	—	—	—	—	—	—	—	76.1503	0.00000	76.1503	7.61095	0.00000	—	266.424
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	4.47946	1.48222	7.62028	0.02261	0.07074	1.76008	1.83082	0.06994	0.44707	0.51701	76.2866	3,799.54	3,875.83	7.86189	0.08684	0.15325	4,098.41
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.82872	0.70767	7.12942	0.01808	0.01150	1.73336	1.74486	0.01070	0.44036	0.45106	—	1,850.13	1,850.13	0.08960	0.07695	2.52691	1,877.83
Area	4.33406	0.03768	4.47780	0.00027	0.00795	—	0.00795	0.00601	—	0.00601	—	18.4139	18.4139	0.00077	0.00016	—	18.4802
Energy	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	1,962.49	1,962.49	0.14634	0.00952	—	1,968.99
Water	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Waste	—	—	—	—	—	—	—	—	—	—	76.1503	0.00000	76.1503	7.61095	0.00000	—	266.424
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	5.20563	1.52429	12.2615	0.02302	0.07865	1.73336	1.81201	0.07591	0.44036	0.51628	76.2866	3,832.82	3,909.11	7.86174	0.08697	2.52788	4,134.09
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.15124	0.12915	1.30112	0.00330	0.00210	0.31634	0.31844	0.00195	0.08037	0.08232	—	306.311	306.311	0.01483	0.01274	0.41836	310.896
Area	0.79097	0.00688	0.81720	0.00005	0.00145	—	0.00145	0.00110	—	0.00110	—	3.04862	3.04862	0.00013	0.00003	—	3.05962
Energy	0.00782	0.14216	0.11941	0.00085	0.01080	—	0.01080	0.01080	—	0.01080	—	324.913	324.913	0.02423	0.00158	—	325.988
Water	—	—	—	—	—	—	—	—	—	—	0.02255	0.29434	0.31690	0.00233	0.00006	—	0.39221
Waste	—	—	—	—	—	—	—	—	—	—	12.6076	0.00000	12.6076	1.26008	0.00000	—	44.1096
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00016	0.00016
Total	0.95003	0.27818	2.23773	0.00420	0.01435	0.31634	0.33069	0.01385	0.08037	0.09422	12.6301	634.567	647.197	1.30160	0.01440	0.41852	684.446

2.6. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.84804	0.64275	7.59468	0.01872	0.01153	1.76008	1.77161	0.01074	0.44707	0.45780	—	1,915.07	1,915.07	0.08708	0.07329	5.87315	1,944.96
Area	4.43180	0.05501	6.53758	0.00039	0.01161	—	0.01161	0.00878	—	0.00878	—	26.8842	26.8842	0.00113	0.00023	—	26.9812
Energy	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	1,962.49	1,962.49	0.14634	0.00952	—	1,968.99
Water	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Waste	—	—	—	—	—	—	—	—	—	—	38.0752	0.00000	38.0752	3.80548	0.00000	—	133.212
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	5.32269	1.47671	14.7866	0.02379	0.08235	1.76008	1.84243	0.07871	0.44707	0.52578	38.2114	3,906.23	3,944.44	4.05410	0.08339	5.87412	4,076.52
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.83789	0.70327	6.96596	0.01793	0.01154	1.76008	1.77162	0.01074	0.44707	0.45781	—	1,835.27	1,835.27	0.09053	0.07697	0.15228	1,860.63
Area	3.35822	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	1,962.49	1,962.49	0.14634	0.00952	—	1,968.99
Water	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Waste	—	—	—	—	—	—	—	—	—	—	38.0752	0.00000	38.0752	3.80548	0.00000	—	133.212
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	4.23895	1.48222	7.62028	0.02261	0.07074	1.76008	1.83082	0.06994	0.44707	0.51701	38.2114	3,799.54	3,837.76	4.05642	0.08684	0.15325	3,965.20
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.82872	0.70767	7.12942	0.01808	0.01150	1.73336	1.74486	0.01070	0.44036	0.45106	—	1,850.13	1,850.13	0.08960	0.07695	2.52691	1,877.83
Area	4.09355	0.03768	4.47780	0.00027	0.00795	—	0.00795	0.00601	—	0.00601	—	18.4139	18.4139	0.00077	0.00016	—	18.4802
Energy	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	1,962.49	1,962.49	0.14634	0.00952	—	1,968.99
Water	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Waste	—	—	—	—	—	—	—	—	—	—	38.0752	0.00000	38.0752	3.80548	0.00000	—	133.212

Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	4.96511	1.52429	12.2615	0.02302	0.07865	1.73336	1.81201	0.07591	0.44036	0.51628	38.2114	3,832.82	3,871.03	4.05627	0.08697	2.52788	4,000.88
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.15124	0.12915	1.30112	0.00330	0.00210	0.31634	0.31844	0.00195	0.08037	0.08232	—	306.311	306.311	0.01483	0.01274	0.41836	310.896
Area	0.74707	0.00688	0.81720	0.00005	0.00145	—	0.00145	0.00110	—	0.00110	—	3.04862	3.04862	0.00013	0.00003	—	3.05962
Energy	0.00782	0.14216	0.11941	0.00085	0.01080	—	0.01080	0.01080	—	0.01080	—	324.913	324.913	0.02423	0.00158	—	325.988
Water	—	—	—	—	—	—	—	—	—	—	0.02255	0.29434	0.31690	0.00233	0.00006	—	0.39221
Waste	—	—	—	—	—	—	—	—	—	—	6.30378	0.00000	6.30378	0.63004	0.00000	—	22.0548
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00016	0.00016
Total	0.90613	0.27818	2.23773	0.00420	0.01435	0.31634	0.33069	0.01385	0.08037	0.09422	6.32633	634.567	640.893	0.67156	0.01440	0.41852	662.391

3. Construction Emissions Details

3.1. Demolition (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.19902	19.4999	17.6171	0.03054	0.82094	—	0.82094	0.75526	—	0.75526	—	3,211.48	3,211.48	0.13027	0.02605	—	3,222.50
Demolition	—	—	—	—	—	0.00943	0.00943	—	0.00143	0.00143	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.19882	1.76300	1.59278	0.00276	0.07422	—	0.07422	0.06828	—	0.06828	—	290.353	290.353	0.01178	0.00236	—	291.350
Demolition	—	—	—	—	—	0.00085	0.00085	—	0.00013	0.00013	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03628	0.32175	0.29068	0.00050	0.01355	—	0.01355	0.01246	—	0.01246	—	48.0713	48.0713	0.00195	0.00039	—	48.2363
Demolition	—	—	—	—	—	0.00016	0.00016	—	0.00002	0.00002	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04575	0.05443	0.68894	0.00000	0.00000	0.16339	0.16339	0.00000	0.03830	0.03830	—	160.554	160.554	0.00730	0.00592	0.01487	162.517
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00018	0.01548	0.00592	0.00008	0.00016	0.00337	0.00353	0.00016	0.00092	0.00108	—	12.3727	12.3727	0.00069	0.00198	0.00072	12.9795
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00411	0.00536	0.06519	0.00000	0.00000	0.01460	0.01460	0.00000	0.00342	0.00342	—	14.7300	14.7300	0.00066	0.00054	0.02241	14.9285
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00002	0.00141	0.00053	0.00001	0.00001	0.00030	0.00032	0.00001	0.00008	0.00010	—	1.11836	1.11836	0.00006	0.00018	0.00108	1.17422
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00075	0.00098	0.01190	0.00000	0.00000	0.00266	0.00266	0.00000	0.00062	0.00062	—	2.43872	2.43872	0.00011	0.00009	0.00371	2.47159
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	< 0.000005	0.00026	0.00010	< 0.000005	< 0.000005	0.00006	0.00006	< 0.000005	0.00002	0.00002	—	0.18516	0.18516	0.00001	0.00003	0.00018	0.19441

3.2. Demolition (2026) - Mitigated

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	2.19902	19.4999	17.6171	0.03054	0.82094	—	0.82094	0.75526	—	0.75526	—	3,211.48	3,211.48	0.13027	0.02605	—	3,222.50
Demolition	—	—	—	—	—	0.00943	0.00943	—	0.00143	0.00143	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19882	1.76300	1.59278	0.00276	0.07422	—	0.07422	0.06828	—	0.06828	—	290.353	290.353	0.01178	0.00236	—	291.350
Demolition	—	—	—	—	—	0.00085	0.00085	—	0.00013	0.00013	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03628	0.32175	0.29068	0.00050	0.01355	—	0.01355	0.01246	—	0.01246	—	48.0713	48.0713	0.00195	0.00039	—	48.2363
Demolition	—	—	—	—	—	0.00016	0.00016	—	0.00002	0.00002	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04575	0.05443	0.68894	0.00000	0.00000	0.16339	0.16339	0.00000	0.03830	0.03830	—	160.554	160.554	0.00730	0.00592	0.01487	162.517
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00018	0.01548	0.00592	0.00008	0.00016	0.00337	0.00353	0.00016	0.00092	0.00108	—	12.3727	12.3727	0.00069	0.00198	0.00072	12.9795
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00411	0.00536	0.06519	0.00000	0.00000	0.01460	0.01460	0.00000	0.00342	0.00342	—	14.7300	14.7300	0.00066	0.00054	0.02241	14.9285
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00002	0.00141	0.00053	0.00001	0.00001	0.00030	0.00032	0.00001	0.00008	0.00010	—	1.11836	1.11836	0.00006	0.00018	0.00108	1.17422
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00075	0.00098	0.01190	0.00000	0.00000	0.00266	0.00266	0.00000	0.00062	0.00062	—	2.43872	2.43872	0.00011	0.00009	0.00371	2.47159
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	< 0.000005	0.00026	0.00010	< 0.000005	< 0.000005	0.00006	0.00006	< 0.000005	0.00002	0.00002	—	0.18516	0.18516	0.00001	0.00003	0.00018	0.19441

3.3. Grading (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	1.02452	9.19052	9.69044	0.01582	0.41898	—	0.41898	0.38547	—	0.38547	—	1,714.25	1,714.25	0.06954	0.01391	—	1,720.14

Dust From Material Movement	—	—	—	—	—	2.07333	2.07333	—	1.00199	1.00199	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.02452	9.19052	9.69044	0.01582	0.41898	—	0.41898	0.38547	—	0.38547	—	1,714.25	1,714.25	0.06954	0.01391	—	1,720.14
Dust From Material Movement	—	—	—	—	—	2.07333	2.07333	—	1.00199	1.00199	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09263	0.83092	0.87612	0.00143	0.03788	—	0.03788	0.03485	—	0.03485	—	154.987	154.987	0.00629	0.00126	—	155.519
Dust From Material Movement	—	—	—	—	—	0.18745	0.18745	—	0.09059	0.09059	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01690	0.15164	0.15989	0.00026	0.00691	—	0.00691	0.00636	—	0.00636	—	25.6599	25.6599	0.00104	0.00021	—	25.7480
Dust From Material Movement	—	—	—	—	—	0.03421	0.03421	—	0.01653	0.01653	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02761	0.02910	0.48438	0.00000	0.00000	0.09803	0.09803	0.00000	0.02298	0.02298	—	101.615	101.615	0.00422	0.00355	0.34382	103.124
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01689	1.27892	0.50364	0.00724	0.01379	0.28990	0.30369	0.01379	0.07937	0.09316	—	1,063.60	1,063.60	0.05895	0.16995	2.38590	1,118.11
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02745	0.03266	0.41337	0.00000	0.00000	0.09803	0.09803	0.00000	0.02298	0.02298	—	96.3321	96.3321	0.00438	0.00355	0.00892	97.5100
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01586	1.33097	0.50881	0.00724	0.01379	0.28990	0.30369	0.01379	0.07937	0.09316	—	1,064.05	1,064.05	0.05895	0.16995	0.06191	1,116.23
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00247	0.00321	0.03911	0.00000	0.00000	0.00876	0.00876	0.00000	0.00205	0.00205	—	8.83800	8.83800	0.00040	0.00032	0.01345	8.95713
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00150	0.12164	0.04572	0.00065	0.00125	0.02598	0.02722	0.00125	0.00712	0.00836	—	96.1785	96.1785	0.00533	0.01537	0.09270	100.983
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00045	0.00059	0.00714	0.00000	0.00000	0.00160	0.00160	0.00000	0.00037	0.00037	—	1.46323	1.46323	0.00007	0.00005	0.00223	1.48295
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00027	0.02220	0.00834	0.00012	0.00023	0.00474	0.00497	0.00023	0.00130	0.00153	—	15.9235	15.9235	0.00088	0.00254	0.01535	16.7189

3.4. Grading (2026) - Mitigated

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	1.02452	9.19052	9.69044	0.01582	0.41898	—	0.41898	0.38547	—	0.38547	—	1,714.25	1,714.25	0.06954	0.01391	—	1,720.14

Dust From Material Movement	—	—	—	—	—	2.07333	2.07333	—	1.00199	1.00199	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.02452	9.19052	9.69044	0.01582	0.41898	—	0.41898	0.38547	—	0.38547	—	1,714.25	1,714.25	0.06954	0.01391	—	1,720.14
Dust From Material Movement	—	—	—	—	—	2.07333	2.07333	—	1.00199	1.00199	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09263	0.83092	0.87612	0.00143	0.03788	—	0.03788	0.03485	—	0.03485	—	154.987	154.987	0.00629	0.00126	—	155.519
Dust From Material Movement	—	—	—	—	—	0.18745	0.18745	—	0.09059	0.09059	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01690	0.15164	0.15989	0.00026	0.00691	—	0.00691	0.00636	—	0.00636	—	25.6599	25.6599	0.00104	0.00021	—	25.7480
Dust From Material Movement	—	—	—	—	—	0.03421	0.03421	—	0.01653	0.01653	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02761	0.02910	0.48438	0.00000	0.00000	0.09803	0.09803	0.00000	0.02298	0.02298	—	101.615	101.615	0.00422	0.00355	0.34382	103.124
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01689	1.27892	0.50364	0.00724	0.01379	0.28990	0.30369	0.01379	0.07937	0.09316	—	1,063.60	1,063.60	0.05895	0.16995	2.38590	1,118.11
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02745	0.03266	0.41337	0.00000	0.00000	0.09803	0.09803	0.00000	0.02298	0.02298	—	96.3321	96.3321	0.00438	0.00355	0.00892	97.5100
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.01586	1.33097	0.50881	0.00724	0.01379	0.28990	0.30369	0.01379	0.07937	0.09316	—	1,064.05	1,064.05	0.05895	0.16995	0.06191	1,116.23
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00247	0.00321	0.03911	0.00000	0.00000	0.00876	0.00876	0.00000	0.00205	0.00205	—	8.83800	8.83800	0.00040	0.00032	0.01345	8.95713
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00150	0.12164	0.04572	0.00065	0.00125	0.02598	0.02722	0.00125	0.00712	0.00836	—	96.1785	96.1785	0.00533	0.01537	0.09270	100.983
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00045	0.00059	0.00714	0.00000	0.00000	0.00160	0.00160	0.00000	0.00037	0.00037	—	1.46323	1.46323	0.00007	0.00005	0.00223	1.48295
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00027	0.02220	0.00834	0.00012	0.00023	0.00474	0.00497	0.00023	0.00130	0.00153	—	15.9235	15.9235	0.00088	0.00254	0.01535	16.7189

3.5. Building Construction (2026) - Unmitigated

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

Location	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	0.49393	4.80600	6.90565	0.01205	0.18874	—	0.18874	0.17364	—	0.17364	—	1,304.47	1,304.47	0.05291	0.01058	—	1,308.94

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49393	4.80600	6.90565	0.01205	0.18874	—	0.18874	0.17364	—	0.17364	—	1,304.47	1,304.47	0.05291	0.01058	—	1,308.94
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25905	2.52056	3.62175	0.00632	0.09898	—	0.09898	0.09107	—	0.09107	—	684.143	684.143	0.02775	0.00555	—	686.491
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04728	0.46000	0.66097	0.00115	0.01806	—	0.01806	0.01662	—	0.01662	—	113.268	113.268	0.00459	0.00092	—	113.656
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23230	0.24481	4.07492	0.00000	0.00000	0.82470	0.82470	0.00000	0.19331	0.19331	—	854.846	854.846	0.03547	0.02991	2.89238	867.537
Vendor	0.02303	0.84690	0.40965	0.00554	0.01108	0.21080	0.22188	0.00554	0.05824	0.06378	—	768.125	768.125	0.03194	0.10961	2.07571	803.663
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23090	0.27472	3.47748	0.00000	0.00000	0.82470	0.82470	0.00000	0.19331	0.19331	—	810.403	810.403	0.03686	0.02991	0.07507	820.311
Vendor	0.02194	0.88546	0.41943	0.00554	0.01108	0.21080	0.22188	0.00554	0.05824	0.06378	—	768.517	768.517	0.03194	0.10961	0.05387	802.033
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12037	0.15685	1.90880	0.00000	0.00000	0.42747	0.42747	0.00000	0.10012	0.10012	—	431.297	431.297	0.01933	0.01568	0.65618	437.110
Vendor	0.01179	0.46707	0.21770	0.00291	0.00581	0.10947	0.11528	0.00291	0.03027	0.03318	—	402.938	402.938	0.01675	0.05749	0.46952	420.957
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02197	0.02862	0.34836	0.00000	0.00000	0.07801	0.07801	0.00000	0.01827	0.01827	—	71.4061	71.4061	0.00320	0.00260	0.10864	72.3686
Vendor	0.00215	0.08524	0.03973	0.00053	0.00106	0.01998	0.02104	0.00053	0.00552	0.00605	—	66.7110	66.7110	0.00277	0.00952	0.07774	69.6942
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Building Construction (2026) - Mitigated

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	0.49393	4.80600	6.90565	0.01205	0.18874	—	0.18874	0.17364	—	0.17364	—	1,304.47	1,304.47	0.05291	0.01058	—	1,308.94
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49393	4.80600	6.90565	0.01205	0.18874	—	0.18874	0.17364	—	0.17364	—	1,304.47	1,304.47	0.05291	0.01058	—	1,308.94
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.25905	2.52056	3.62175	0.00632	0.09898	—	0.09898	0.09107	—	0.09107	—	684.143	684.143	0.02775	0.00555	—	686.491

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04728	0.46000	0.66097	0.00115	0.01806	—	0.01806	0.01662	—	0.01662	—	113.268	113.268	0.00459	0.00092	—	113.656
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23230	0.24481	4.07492	0.00000	0.00000	0.82470	0.82470	0.00000	0.19331	0.19331	—	854.846	854.846	0.03547	0.02991	2.89238	867.537
Vendor	0.02303	0.84690	0.40965	0.00554	0.01108	0.21080	0.22188	0.00554	0.05824	0.06378	—	768.125	768.125	0.03194	0.10961	2.07571	803.663
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23090	0.27472	3.47748	0.00000	0.00000	0.82470	0.82470	0.00000	0.19331	0.19331	—	810.403	810.403	0.03686	0.02991	0.07507	820.311
Vendor	0.02194	0.88546	0.41943	0.00554	0.01108	0.21080	0.22188	0.00554	0.05824	0.06378	—	768.517	768.517	0.03194	0.10961	0.05387	802.033
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12037	0.15685	1.90880	0.00000	0.00000	0.42747	0.42747	0.00000	0.10012	0.10012	—	431.297	431.297	0.01933	0.01568	0.65618	437.110
Vendor	0.01179	0.46707	0.21770	0.00291	0.00581	0.10947	0.11528	0.00291	0.03027	0.03318	—	402.938	402.938	0.01675	0.05749	0.46952	420.957
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02197	0.02862	0.34836	0.00000	0.00000	0.07801	0.07801	0.00000	0.01827	0.01827	—	71.4061	71.4061	0.00320	0.00260	0.10864	72.3686
Vendor	0.00215	0.08524	0.03973	0.00053	0.00106	0.01998	0.02104	0.00053	0.00552	0.00605	—	66.7110	66.7110	0.00277	0.00952	0.07774	69.6942
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Building Construction (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	0.47604	4.55564	6.89930	0.01205	0.16712	—	0.16712	0.15375	—	0.15375	—	1,304.35	1,304.35	0.05291	0.01058	—	1,308.83
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05869	0.56165	0.85060	0.00149	0.02060	—	0.02060	0.01896	—	0.01896	—	160.810	160.810	0.00652	0.00130	—	161.362
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01071	0.10250	0.15523	0.00027	0.00376	—	0.00376	0.00346	—	0.00346	—	26.6240	26.6240	0.00108	0.00022	—	26.7154
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21978	0.27194	3.21111	0.00000	0.00000	0.82470	0.82470	0.00000	0.19331	0.19331	—	794.928	794.928	0.01113	0.02991	0.06771	804.186
Vendor	0.02194	0.84342	0.39510	0.00554	0.00554	0.21080	0.21634	0.00554	0.05824	0.06378	—	753.674	753.674	0.03194	0.10407	0.05102	785.536
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02710	0.03353	0.41604	0.00000	0.00000	0.10049	0.10049	0.00000	0.02354	0.02354	—	99.4507	99.4507	0.00137	0.00369	0.13883	100.723
Vendor	0.00277	0.10461	0.04817	0.00068	0.00068	0.02573	0.02642	0.00068	0.00712	0.00780	—	92.8888	92.8888	0.00394	0.01283	0.10451	96.9152
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00494	0.00612	0.07593	0.00000	0.00000	0.01834	0.01834	0.00000	0.00430	0.00430	—	16.4652	16.4652	0.00023	0.00061	0.02298	16.6758
Vendor	0.00051	0.01909	0.00879	0.00012	0.00012	0.00470	0.00482	0.00012	0.00130	0.00142	—	15.3788	15.3788	0.00065	0.00212	0.01730	16.0454
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.8. Building Construction (2027) - Mitigated

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	0.47604	4.55564	6.89930	0.01205	0.16712	—	0.16712	0.15375	—	0.15375	—	1,304.35	1,304.35	0.05291	0.01058	—	1,308.83
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05869	0.56165	0.85060	0.00149	0.02060	—	0.02060	0.01896	—	0.01896	—	160.810	160.810	0.00652	0.00130	—	161.362
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.01071	0.10250	0.15523	0.00027	0.00376	—	0.00376	0.00346	—	0.00346	—	26.6240	26.6240	0.00108	0.00022	—	26.7154
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.21978	0.27194	3.21111	0.00000	0.00000	0.82470	0.82470	0.00000	0.19331	0.19331	—	794.928	794.928	0.01113	0.02991	0.06771	804.186
Vendor	0.02194	0.84342	0.39510	0.00554	0.00554	0.21080	0.21634	0.00554	0.05824	0.06378	—	753.674	753.674	0.03194	0.10407	0.05102	785.536
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02710	0.03353	0.41604	0.00000	0.00000	0.10049	0.10049	0.00000	0.02354	0.02354	—	99.4507	99.4507	0.00137	0.00369	0.13883	100.723
Vendor	0.00277	0.10461	0.04817	0.00068	0.00068	0.02573	0.02642	0.00068	0.00712	0.00780	—	92.8888	92.8888	0.00394	0.01283	0.10451	96.9152
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00494	0.00612	0.07593	0.00000	0.00000	0.01834	0.01834	0.00000	0.00430	0.00430	—	16.4652	16.4652	0.00023	0.00061	0.02298	16.6758
Vendor	0.00051	0.01909	0.00879	0.00012	0.00012	0.00470	0.00482	0.00012	0.00130	0.00142	—	15.3788	15.3788	0.00065	0.00212	0.01730	16.0454
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.9. Paving (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	0.48071	4.15212	5.30895	0.00857	0.16795	—	0.16795	0.15451	—	0.15451	—	823.016	823.016	0.03339	0.00668	—	825.840
Paving	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00659	0.05688	0.07273	0.00012	0.00230	—	0.00230	0.00212	—	0.00212	—	11.2742	11.2742	0.00046	0.00009	—	11.3129
Paving	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00120	0.01038	0.01327	0.00002	0.00042	—	0.00042	0.00039	—	0.00039	—	1.86657	1.86657	0.00008	0.00002	—	1.87298
Paving	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06096	0.07543	0.89064	0.00000	0.00000	0.22874	0.22874	0.00000	0.05362	0.05362	—	220.483	220.483	0.00309	0.00829	0.01878	223.051
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00084	0.00103	0.01282	0.00000	0.00000	0.00310	0.00310	0.00000	0.00073	0.00073	—	3.06487	3.06487	0.00004	0.00011	0.00428	3.10407

Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00015	0.00019	0.00234	0.00000	0.00000	0.00057	0.00057	0.00000	0.00013	0.00013	—	0.50742	0.50742	0.00001	0.00002	0.00071	0.51391
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.10. Paving (2027) - Mitigated

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	0.48071	4.15212	5.30895	0.00857	0.16795	—	0.16795	0.15451	—	0.15451	—	823.016	823.016	0.03339	0.00668	—	825.840
Paving	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00659	0.05688	0.07273	0.00012	0.00230	—	0.00230	0.00212	—	0.00212	—	11.2742	11.2742	0.00046	0.00009	—	11.3129
Paving	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00120	0.01038	0.01327	0.00002	0.00042	—	0.00042	0.00039	—	0.00039	—	1.86657	1.86657	0.00008	0.00002	—	1.87298

Paving	0.00000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06096	0.07543	0.89064	0.00000	0.00000	0.22874	0.22874	0.00000	0.05362	0.05362	—	220.483	220.483	0.00309	0.00829	0.01878	223.051
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00084	0.00103	0.01282	0.00000	0.00000	0.00310	0.00310	0.00000	0.00073	0.00073	—	3.06487	3.06487	0.00004	0.00011	0.00428	3.10407
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00015	0.00019	0.00234	0.00000	0.00000	0.00057	0.00057	0.00000	0.00013	0.00013	—	0.50742	0.50742	0.00001	0.00002	0.00071	0.51391
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.11. Architectural Coating (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	0.11335	0.83116	1.12539	0.00173	0.01905	—	0.01905	0.01752	—	0.01752	—	133.513	133.513	0.00542	0.00108	—	133.971
Architectural Coatings	63.3576	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11335	0.83116	1.12539	0.00173	0.01905	—	0.01905	0.01752	—	0.01752	—	133.513	133.513	0.00542	0.00108	—	133.971
Architectural Coatings	63.3576	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00683	0.05010	0.06783	0.00010	0.00115	—	0.00115	0.00106	—	0.00106	—	8.04734	8.04734	0.00033	0.00007	—	8.07496
Architectural Coatings	3.81881	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00125	0.00914	0.01238	0.00002	0.00021	—	0.00021	0.00019	—	0.00019	—	1.33233	1.33233	0.00005	0.00001	—	1.33690
Architectural Coatings	0.69693	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04479	0.04354	0.75795	0.00000	0.00000	0.16494	0.16494	0.00000	0.03866	0.03866	—	167.696	167.696	0.00709	0.00598	0.52254	170.179
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04396	0.05439	0.64222	0.00000	0.00000	0.16494	0.16494	0.00000	0.03866	0.03866	—	158.986	158.986	0.00223	0.00598	0.01354	160.837
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00265	0.00328	0.04068	0.00000	0.00000	0.00983	0.00983	0.00000	0.00230	0.00230	—	9.72407	9.72407	0.00013	0.00036	0.01357	9.84843
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00048	0.00060	0.00742	0.00000	0.00000	0.00179	0.00179	0.00000	0.00042	0.00042	—	1.60993	1.60993	0.00002	0.00006	0.00225	1.63052
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.12. Architectural Coating (2027) - Mitigated

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	0.11335	0.83116	1.12539	0.00173	0.01905	—	0.01905	0.01752	—	0.01752	—	133.513	133.513	0.00542	0.00108	—	133.971

Architect Coatings	63.3576	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11335	0.83116	1.12539	0.00173	0.01905	—	0.01905	0.01752	—	0.01752	—	133.513	133.513	0.00542	0.00108	—	133.971
Architectural Coatings	63.3576	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00683	0.05010	0.06783	0.00010	0.00115	—	0.00115	0.00106	—	0.00106	—	8.04734	8.04734	0.00033	0.00007	—	8.07496
Architectural Coatings	3.81881	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00125	0.00914	0.01238	0.00002	0.00021	—	0.00021	0.00019	—	0.00019	—	1.33233	1.33233	0.00005	0.00001	—	1.33690
Architectural Coatings	0.69693	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.04479	0.04354	0.75795	0.00000	0.00000	0.16494	0.16494	0.00000	0.03866	0.03866	—	167.696	167.696	0.00709	0.00598	0.52254	170.179
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04396	0.05439	0.64222	0.00000	0.00000	0.16494	0.16494	0.00000	0.03866	0.03866	—	158.986	158.986	0.00223	0.00598	0.01354	160.837
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00265	0.00328	0.04068	0.00000	0.00000	0.00983	0.00983	0.00000	0.00230	0.00230	—	9.72407	9.72407	0.00013	0.00036	0.01357	9.84843
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00048	0.00060	0.00742	0.00000	0.00000	0.00179	0.00179	0.00000	0.00042	0.00042	—	1.60993	1.60993	0.00002	0.00006	0.00225	1.63052
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	0.83556	0.63330	7.48292	0.01845	0.01136	1.73418	1.74554	0.01058	0.44049	0.45107	—	1,886.89	1,886.89	0.08580	0.07222	5.78672	1,916.34
General Office Building	0.01248	0.00946	0.11176	0.00028	0.00017	0.02590	0.02607	0.00016	0.00658	0.00674	—	28.1810	28.1810	0.00128	0.00108	0.08643	28.6209
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.84804	0.64275	7.59468	0.01872	0.01153	1.76008	1.77161	0.01074	0.44707	0.45780	—	1,915.07	1,915.07	0.08708	0.07329	5.87315	1,944.96
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.82556	0.69292	6.86346	0.01767	0.01137	1.73418	1.74555	0.01058	0.44049	0.45108	—	1,808.27	1,808.27	0.08919	0.07584	0.15004	1,833.25
General Office Building	0.01233	0.01035	0.10251	0.00026	0.00017	0.02590	0.02607	0.00016	0.00658	0.00674	—	27.0068	27.0068	0.00133	0.00113	0.00224	27.3799
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.83789	0.70327	6.96596	0.01793	0.01154	1.76008	1.77162	0.01074	0.44707	0.45781	—	1,835.27	1,835.27	0.09053	0.07697	0.15228	1,860.63
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14955	0.12771	1.28657	0.00326	0.00207	0.31280	0.31488	0.00193	0.07947	0.08140	—	302.887	302.887	0.01467	0.01260	0.41368	307.421
General Office Building	0.00169	0.00144	0.01455	0.00004	0.00002	0.00354	0.00356	0.00002	0.00090	0.00092	—	3.42426	3.42426	0.00017	0.00014	0.00468	3.47552
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.15124	0.12915	1.30112	0.00330	0.00210	0.31634	0.31844	0.00195	0.08037	0.08232	—	306.311	306.311	0.01483	0.01274	0.41836	310.896

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.83556	0.63330	7.48292	0.01845	0.01136	1.73418	1.74554	0.01058	0.44049	0.45107	—	1,886.89	1,886.89	0.08580	0.07222	5.78672	1,916.34
General Office Building	0.01248	0.00946	0.11176	0.00028	0.00017	0.02590	0.02607	0.00016	0.00658	0.00674	—	28.1810	28.1810	0.00128	0.00108	0.08643	28.6209
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.84804	0.64275	7.59468	0.01872	0.01153	1.76008	1.77161	0.01074	0.44707	0.45780	—	1,915.07	1,915.07	0.08708	0.07329	5.87315	1,944.96
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.82556	0.69292	6.86346	0.01767	0.01137	1.73418	1.74555	0.01058	0.44049	0.45108	—	1,808.27	1,808.27	0.08919	0.07584	0.15004	1,833.25
General Office Building	0.01233	0.01035	0.10251	0.00026	0.00017	0.02590	0.02607	0.00016	0.00658	0.00674	—	27.0068	27.0068	0.00133	0.00113	0.00224	27.3799
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.83789	0.70327	6.96596	0.01793	0.01154	1.76008	1.77162	0.01074	0.44707	0.45781	—	1,835.27	1,835.27	0.09053	0.07697	0.15228	1,860.63
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	0.14955	0.12771	1.28657	0.00326	0.00207	0.31280	0.31488	0.00193	0.07947	0.08140	—	302.887	302.887	0.01467	0.01260	0.41368	307.421
General Office Building	0.00169	0.00144	0.01455	0.00004	0.00002	0.00354	0.00356	0.00002	0.00090	0.00092	—	3.42426	3.42426	0.00017	0.00014	0.00468	3.47552
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.15124	0.12915	1.30112	0.00330	0.00210	0.31634	0.31844	0.00195	0.08037	0.08232	—	306.311	306.311	0.01483	0.01274	0.41836	310.896

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1,022.69	1,022.69	0.06344	0.00769	—	1,026.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	10.3891	10.3891	0.00064	0.00008	—	10.4285
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	1,033.08	1,033.08	0.06408	0.00777	—	1,037.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	1,022.69	1,022.69	0.06344	0.00769	—	1,026.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	10.3891	10.3891	0.00064	0.00008	—	10.4285
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	1,033.08	1,033.08	0.06408	0.00777	—	1,037.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	169.318	169.318	0.01050	0.00127	—	169.960
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.72004	1.72004	0.00011	0.00001	—	1.72656
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	171.038	171.038	0.01061	0.00129	—	171.687

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1,022.69	1,022.69	0.06344	0.00769	—	1,026.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	10.3891	10.3891	0.00064	0.00008	—	10.4285

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	1,033.08	1,033.08	0.06408	0.00777	—	1,037.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1,022.69	1,022.69	0.06344	0.00769	—	1,026.57
General Office Building	—	—	—	—	—	—	—	—	—	—	—	10.3891	10.3891	0.00064	0.00008	—	10.4285
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	1,033.08	1,033.08	0.06408	0.00777	—	1,037.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	169.318	169.318	0.01050	0.00127	—	169.960
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.72004	1.72004	0.00011	0.00001	—	1.72656
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	171.038	171.038	0.01061	0.00129	—	171.687

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04269	0.77622	0.65203	0.00466	0.05899	—	0.05899	0.05899	—	0.05899	—	926.164	926.164	0.08197	0.00174	—	928.733
General Office Building	0.00015	0.00272	0.00229	0.00002	0.00021	—	0.00021	0.00021	—	0.00021	—	3.24927	3.24927	0.00029	0.00001	—	3.25828
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	929.413	929.413	0.08225	0.00175	—	931.991
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04269	0.77622	0.65203	0.00466	0.05899	—	0.05899	0.05899	—	0.05899	—	926.164	926.164	0.08197	0.00174	—	928.733
General Office Building	0.00015	0.00272	0.00229	0.00002	0.00021	—	0.00021	0.00021	—	0.00021	—	3.24927	3.24927	0.00029	0.00001	—	3.25828
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	929.413	929.413	0.08225	0.00175	—	931.991
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00779	0.14166	0.11900	0.00085	0.01077	—	0.01077	0.01077	—	0.01077	—	153.337	153.337	0.01357	0.00029	—	153.762
General Office Building	0.00003	0.00050	0.00042	< 0.000005	0.00004	—	0.00004	0.00004	—	0.00004	—	0.53795	0.53795	0.00005	< 0.000005	—	0.53945

Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00782	0.14216	0.11941	0.00085	0.01080	—	0.01080	0.01080	—	0.01080	—	153.875	153.875	0.01362	0.00029	—	154.302

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04269	0.77622	0.65203	0.00466	0.05899	—	0.05899	0.05899	—	0.05899	—	926.164	926.164	0.08197	0.00174	—	928.733
General Office Building	0.00015	0.00272	0.00229	0.00002	0.00021	—	0.00021	0.00021	—	0.00021	—	3.24927	3.24927	0.00029	0.00001	—	3.25828
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	929.413	929.413	0.08225	0.00175	—	931.991
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04269	0.77622	0.65203	0.00466	0.05899	—	0.05899	0.05899	—	0.05899	—	926.164	926.164	0.08197	0.00174	—	928.733
General Office Building	0.00015	0.00272	0.00229	0.00002	0.00021	—	0.00021	0.00021	—	0.00021	—	3.24927	3.24927	0.00029	0.00001	—	3.25828
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.04284	0.77895	0.65432	0.00467	0.05920	—	0.05920	0.05920	—	0.05920	—	929.413	929.413	0.08225	0.00175	—	931.991

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00779	0.14166	0.11900	0.00085	0.01077	—	0.01077	0.01077	—	0.01077	—	153.337	153.337	0.01357	0.00029	—	153.762
General Office Building	0.00003	0.00050	0.00042	< 0.000005	0.00004	—	0.00004	0.00004	—	0.00004	—	0.53795	0.53795	0.00005	< 0.000005	—	0.53945
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00782	0.14216	0.11941	0.00085	0.01080	—	0.01080	0.01080	—	0.01080	—	153.875	153.875	0.01362	0.00029	—	154.302

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	3.21685	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.38188	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.07359	0.05501	6.53758	0.00039	0.01161	—	0.01161	0.00878	—	0.00878	—	26.8842	26.8842	0.00113	0.00023	—	26.9812
Total	4.67232	0.05501	6.53758	0.00039	0.01161	—	0.01161	0.00878	—	0.00878	—	26.8842	26.8842	0.00113	0.00023	—	26.9812
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	3.21685	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.38188	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	3.59873	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.58707	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06969	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.13420	0.00688	0.81720	0.00005	0.00145	—	0.00145	0.00110	—	0.00110	—	3.04862	3.04862	0.00013	0.00003	—	3.05962
Total	0.79097	0.00688	0.81720	0.00005	0.00145	—	0.00145	0.00110	—	0.00110	—	3.04862	3.04862	0.00013	0.00003	—	3.05962

4.3.2. Mitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.97634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.38188	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.07359	0.05501	6.53758	0.00039	0.01161	—	0.01161	0.00878	—	0.00878	—	26.8842	26.8842	0.00113	0.00023	—	26.9812

Total	4.43180	0.05501	6.53758	0.00039	0.01161	—	0.01161	0.00878	—	0.00878	—	26.8842	26.8842	0.00113	0.00023	—	26.9812
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	2.97634	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.38188	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	3.35822	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.54318	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06969	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.13420	0.00688	0.81720	0.00005	0.00145	—	0.00145	0.00110	—	0.00110	—	3.04862	3.04862	0.00013	0.00003	—	3.05962
Total	0.74707	0.00688	0.81720	0.00005	0.00145	—	0.00145	0.00110	—	0.00110	—	3.04862	3.04862	0.00013	0.00003	—	3.05962

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	0.13623	0.70536	0.84159	0.01401	0.00034	—	1.29240
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	1.07248	1.07248	0.00007	0.00001	—	1.07655
Total	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	0.13623	0.70536	0.84159	0.01401	0.00034	—	1.29240
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	1.07248	1.07248	0.00007	0.00001	—	1.07655
Total	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	0.02255	0.11678	0.13934	0.00232	0.00006	—	0.21397
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.17756	0.17756	0.00001	< 0.000005	—	0.17823
Total	—	—	—	—	—	—	—	—	—	—	0.02255	0.29434	0.31690	0.00233	0.00006	—	0.39221

4.4.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	0.13623	0.70536	0.84159	0.01401	0.00034	—	1.29240
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	1.07248	1.07248	0.00007	0.00001	—	1.07655
Total	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	0.13623	0.70536	0.84159	0.01401	0.00034	—	1.29240
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	1.07248	1.07248	0.00007	0.00001	—	1.07655
Total	—	—	—	—	—	—	—	—	—	—	0.13623	1.77784	1.91407	0.01408	0.00035	—	2.36895
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
General Office Building	—	—	—	—	—	—	—	—	—	—	0.02255	0.11678	0.13934	0.00232	0.00006	—	0.21397
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.17756	0.17756	0.00001	< 0.000005	—	0.17823
Total	—	—	—	—	—	—	—	—	—	—	0.02255	0.29434	0.31690	0.00233	0.00006	—	0.39221

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	75.9498	0.00000	75.9498	7.59091	0.00000	—	265.723
General Office Building	—	—	—	—	—	—	—	—	—	—	0.20049	0.00000	0.20049	0.02004	0.00000	—	0.70143
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	76.1503	0.00000	76.1503	7.61095	0.00000	—	266.424
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	75.9498	0.00000	75.9498	7.59091	0.00000	—	265.723
General Office Building	—	—	—	—	—	—	—	—	—	—	0.20049	0.00000	0.20049	0.02004	0.00000	—	0.70143
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	76.1503	0.00000	76.1503	7.61095	0.00000	—	266.424
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	12.5744	0.00000	12.5744	1.25676	0.00000	—	43.9934
General Office Building	—	—	—	—	—	—	—	—	—	—	0.03319	0.00000	0.03319	0.00332	0.00000	—	0.11613
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	12.6076	0.00000	12.6076	1.26008	0.00000	—	44.1096

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	37.9749	0.00000	37.9749	3.79546	0.00000	—	132.861
General Office Building	—	—	—	—	—	—	—	—	—	—	0.10024	0.00000	0.10024	0.01002	0.00000	—	0.35071

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	38.0752	0.00000	38.0752	3.80548	0.00000	—	133.212
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	37.9749	0.00000	37.9749	3.79546	0.00000	—	132.861
General Office Building	—	—	—	—	—	—	—	—	—	—	0.10024	0.00000	0.10024	0.01002	0.00000	—	0.35071
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	38.0752	0.00000	38.0752	3.80548	0.00000	—	133.212
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	6.28718	0.00000	6.28718	0.62838	0.00000	—	21.9967
General Office Building	—	—	—	—	—	—	—	—	—	—	0.01660	0.00000	0.01660	0.00166	0.00000	—	0.05806
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	6.30378	0.00000	6.30378	0.63004	0.00000	—	22.0548

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00016	0.00016
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00016	0.00016

4.6.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00097	0.00097
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00016	0.00016
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00016	0.00016

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	1/6/2026	2/19/2026	5.00000	33.0000	—
Grading	Grading	2/20/2026	4/7/2026	5.00000	33.0000	—
Building Construction	Building Construction	4/8/2026	3/4/2027	5.00000	237.000	—
Paving	Paving	3/5/2027	3/11/2027	5.00000	5.00000	—
Architectural Coating	Architectural Coating	3/12/2027	4/12/2027	5.00000	22.0000	—

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	1.000000	8.00000	33.0000	0.73000
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	6.00000	36.0000	0.38000

Demolition	Rubber Tired Dozers	Diesel	Average	2.00000	8.00000	367.000	0.40000
Grading	Graders	Diesel	Average	1.000000	6.00000	148.000	0.41000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	7.00000	84.0000	0.37000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	6.00000	367.000	0.40000
Building Construction	Cranes	Diesel	Average	1.000000	4.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	2.00000	6.00000	82.0000	0.20000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	84.0000	0.37000
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	7.00000	84.0000	0.37000
Paving	Cement and Mortar Mixers	Diesel	Average	4.00000	6.00000	10.00000	0.56000
Paving	Pavers	Diesel	Average	1.000000	7.00000	81.0000	0.42000
Paving	Rollers	Diesel	Average	1.000000	7.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.000000	8.00000	33.0000	0.73000
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	6.00000	36.0000	0.38000
Demolition	Rubber Tired Dozers	Diesel	Average	2.00000	8.00000	367.000	0.40000
Grading	Graders	Diesel	Average	1.000000	6.00000	148.000	0.41000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	7.00000	84.0000	0.37000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	6.00000	367.000	0.40000
Building Construction	Cranes	Diesel	Average	1.000000	4.00000	367.000	0.29000
Building Construction	Forklifts	Diesel	Average	2.00000	6.00000	82.0000	0.20000

Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	8.00000	84.0000	0.37000
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	7.00000	84.0000	0.37000
Paving	Cement and Mortar Mixers	Diesel	Average	4.00000	6.00000	10.00000	0.56000
Paving	Pavers	Diesel	Average	1.000000	7.00000	81.0000	0.42000
Paving	Rollers	Diesel	Average	1.000000	7.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	12.5000	18.5000	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2000	HHDT,MHDT
Demolition	Hauling	0.18182	20.0000	HHDT
Demolition	Onsite truck	—	—	HHDT
Grading	Worker	7.50000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	—	10.2000	HHDT,MHDT
Grading	Hauling	15.6364	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	63.0944	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	24.6374	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	17.5000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	—	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT

Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	12.6189	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	12.5000	18.5000	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2000	HHDT,MHDT
Demolition	Hauling	0.18182	20.0000	HHDT
Demolition	Onsite truck	—	—	HHDT
Grading	Worker	7.50000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	—	10.2000	HHDT,MHDT
Grading	Hauling	15.6364	20.0000	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	Worker	63.0944	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	24.6374	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	Worker	17.5000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	—	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	Worker	12.6189	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00000	0.00000	225,480	75,160.0	—

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	500.000	0.00000
Grading	—	4,128.00	24.7500	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	0.00000

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Unrefrigerated Warehouse-No Rail	0.00000	0%
Paving	General Office Building	0.00000	0%
Paving	Parking Lot	0.00000	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00000	531.983	0.03300	0.00400
2027	0.00000	531.983	0.03300	0.00400

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	260.861	260.861	260.861	95,214.2	2,445.52	2,445.52	2,445.52	892,614
General Office Building	3.89600	0.88400	0.28000	1,076.44	36.5242	8.28733	2.62495	10,091.4
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	260.861	260.861	260.861	95,214.2	2,445.52	2,445.52	2,445.52	892,614
General Office Building	3.89600	0.88400	0.28000	1,076.44	36.5242	8.28733	2.62495	10,091.4
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Unrefrigerated Warehouse-No Rail	Wood Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Gas Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Propane Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Electric Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	No Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Conventional Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Non-Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Pellet Wood Stoves	0	0
General Office Building	Wood Fireplaces	0	0
General Office Building	Gas Fireplaces	0	0
General Office Building	Propane Fireplaces	0	0
General Office Building	Electric Fireplaces	0	0
General Office Building	No Fireplaces	0	0
General Office Building	Conventional Wood Stoves	0	0
General Office Building	Catalytic Wood Stoves	0	0
General Office Building	Non-Catalytic Wood Stoves	0	0
General Office Building	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0

Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	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)
0.00000	0.00000	225,480	75,160.0	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	250.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	701,680	531.983	0.0330	0.0040	2,889,880
General Office Building	7,128.11	531.983	0.0330	0.0040	10,138.6
Parking Lot	0.00000	531.983	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	701,680	531.983	0.0330	0.0040	2,889,880
General Office Building	7,128.11	531.983	0.0330	0.0040	10,138.6
Parking Lot	0.00000	531.983	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	0.00000	0.00000
General Office Building	71,093.5	0.00000
Parking Lot	0.00000	138,661

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	0.00000	0.00000
General Office Building	71,093.5	0.00000
Parking Lot	0.00000	138,661

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	140.925	0.00000
General Office Building	0.37200	0.00000

Parking Lot	0.00000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	70.4624	0.00000
General Office Building	0.18600	0.00000
Parking Lot	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430.00	0.01679	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430.00	0.01679	0.60000	0.00000	1.000000
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088.00	0.00180	4.00000	4.00000	18.0000

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Project data based on Architectural Package from MCG Architecture dated 09/10/25
Construction: Construction Phases	Construction timeline based on applicant estimates
Construction: Off-Road Equipment	construction equipment based on worst-case day
Operations: Water and Waste Water	Indoor water use would be limited to the office area